

2020 DeKalb County 4-H General Project Show
 at the DeKalb County Farm Bureau Building in Sycamore
 and **2020 DeKalb County 4-H Fair** at the Sandwich Fairgrounds

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- Start of 4-H Fair -

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Exhibit Tags for the 4-H Show will be distributed at the 4-H Show when 4-H members check-in for their project judging.

The Department of Agriculture shall use its best efforts to secure sufficient appropriations to fund premiums. In any year for which the General Assembly of the State of Illinois fails to make an appropriation sufficient to pay such premiums, premiums amounts may not be accurately reflected in this Premium Book.

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4-H GENERAL PROJECTS SHOW

This show will be held in the Farm Bureau Building located at
1350 West Prairie Drive, Sycamore.

Schedule of Judging

Wednesday, July 8, 2020

Conference Judging of Exhibits 8:30 a.m. to 2:00 p.m.
Cloverbuds exhibit review 8:30 a.m. to 2:00 p.m.

Thursday, July 9, 2020

Public Viewing of Exhibits 12:00 to 7:00 p.m.
Rocket Launch 6:00 p.m.
Fashion Revue 7:00 p.m.
Cloverbud Graduation Ceremony 7:00 p.m.
4-H Award Presentations for Exhibits 7:30 p.m.
Silent Auction Results 8:30 p.m.
Release of 4-H Project Exhibits 8:30 p.m.

The Department of Agriculture shall use its best efforts to secure sufficient appropriations to fund premiums. In any year for which the General Assembly of the State of Illinois fails to make an appropriation sufficient to pay such premiums, premiums amounts may not be accurately reflected in this Premium Book.

4-H Fair

at the Sandwich Fairgrounds, Sandwich, IL

Schedule of Events

Friday, July 31, 2020

Swine Check-In 8:00 to 11:00 a.m.
Swine Weigh-In 12:00 p.m.
Sheep & Goats Check-in 12:30 to 3:00 p.m.
Federation Food Stand Open 2:30 p.m.
Silent Auction Begins 3:00 p.m.
Beef Check-In & Weigh-Ins 4:00 to 7:00 p.m.
Sheep Show – Sheep Barn 5:00 p.m.
Goat Show – Sheep Barn 7:00 p.m.
Lights Out for all Exhibitors on Grounds 11:00 p.m.

Saturday, August 1, 2020

Breakfast by DeKalb Area Pork Producers 6:30 to 9:30 a.m.
Swine Show - Main Show Arena 8:00 a.m.
Dairy Animals Check-in 8:00 to 10:00 a.m.
Rabbit Check-in – South Barn 9:15 a.m.
Rabbit Show - South Barn 10:00 a.m.

Beef Show - Beef Arena	12:00 p.m.
Bucket Calf Show – Beef Arena	12:00 p.m.
Lunch by DeKalb Area Lamb & Wool Producers.....	11:00 a.m.
Poultry Check-in	2:30-3:00 p.m.
Poultry Show – Swine Arena	3:30 p.m.
Dairy Show – Grass Area	4:00 p.m.
Dinner by DeKalb-Kane Cattlemen’s Association.....	5:00 to 8:00 p.m.
New Adult Showmanship Fundraiser – Swine Arena	5:30 p.m.
Sheep Lead & Sheep Costume Contest – Sheep Barn.....	6:00 p.m.
4-H Barn Dance	7:00 to 9:00 p.m.
Lights Out for all Exhibitors on Grounds	11:00 p.m.

Sunday, August 2, 2020

Breakfast by Kishwaukee Dairy Herd Improvement Association.....	8:00 to 10:00 a.m.
Showmanship Sweepstakes – Swine Arena	10:00 a.m.
Catered Lunch - Auction Committee.....	11:00 a.m. to 1:00 p.m.
Silent Auction Results	12:30 p.m.
4-H Blue Ribbon Livestock Auction - Beef Arena	1:00 p.m.
Release of Livestock Exhibits	At the Completion of the Auction

Exhibitors with auction animals are required to stay until all animals are loaded onto the trucks at the completion of the auction. Appropriate loading of auction animals is the responsibility of the 4-H members not our auction volunteers or livestock superintendents. All pens and stalls used by exhibitors should be cleaned prior to leaving.

Special Thanks to



**Archer Daniels
Midland**

**For sponsoring
the cost of
the fairgrounds
for the 4-H Fair**



4-H General Project Show Judging Schedule



Wednesday, July 8, 2020

DeKalb County Farm Bureau Building, Sycamore

- 8:30 a.m.** **Genoa Prairie Gems**
Little Gems Cloverbuds
Kingston Juniors
Parke Victory
- 9:30** **DeKalb Choreboys & Choregirls**
DeKalb Choreboys & Choregirls Cloverbuds
DeKalb County Clovers
Esmond Echoes
4-H Super Buddies Cloverbuds
- 10:30** **Mano a Mano Latino 4-H**
Mano a Mano Latino 4-H Cloverbuds
Malta Mustang 4-H'ers
Malta Mustangs Cloverbuds
Tri County Crew
- 11:30** **Green Meadows**
Green Meadow Cloverbuds
Somonauk Haymakers
Somonauk Haymakers Cloverbuds
Tilton Park Clovers
- 12:30** **Hinckley Harvestors**
Shabbona Pioneers
Shabbona Pioneers Cloverbuds
SPIN Clubs

* Please remember that this is only a tentative judging schedule. The Extension office cannot and will not guarantee that all 4-H members will be judged at exactly the time their club has been scheduled. Some judges and judging categories will take more time than others. Your patience and understanding throughout the day will be greatly appreciated.

**GENERAL RULES & REGULATIONS
FOR
DEKALB COUNTY 4-H SHOW & FAIR**

**Notice: Throughout the 4-H Fairbook the phrase "past year" will mean 2019 and the phrase "present year" will mean 2020.

ELIGIBILITY

1. Each exhibitor in the DeKalb County 4-H Shows must be officially enrolled in a DeKalb County 4-H Club in the present year. Member must be enrolled online in the project by **April 15**, present year.
2. The 4-H Cloverbuds class is for youth ages 5-7, as of September 1, 2019, enrolled in a DeKalb County 4-H Cloverbud group. Enrollment in a 4-H Cloverbud group must have been made on or before April 15 of the current year to be eligible to participate in this division. 4-H Cloverbud members must be enrolled in the Cloverbud Project. An opportunity for sharing will be provided. Refer to page 10 for more information.
3. Any exhibitor who individually or in groups is responsible for any disturbance during a 4-H show shall be required to leave the premises with their exhibits and shall forfeit their premium money.
4. A minimum age of 8 as of September 1, 2019 is eligible to participate in all State Fair Junior Department livestock, horse and pony, and general projects classes.
5. 4-H members unable to attend the 4-H General Project Show should contact the Extension office about their lack of attendance. A leader, parent or junior leader may substitute for a 4-H'er with general projects in conference judging with a 4-H'ers written report.
6. All animals must be exhibited in the show ring by 4-H owners. In cases of sickness, two entries, or a judging conflict, another 4-H member may be secured to help.
7. 4-H'ers are limited to receive one premium per class exhibited in premium eligible projects.
8. **If you need reasonable accommodations to participate, please contact the Extension office at 815/758-8194. Early requests are strongly encouraged to allow sufficient time for meeting your access needs.**

ENTRIES

1. Deadline to enroll in the General Project Show, Livestock Shows, Horse & Pony Show is **June 15**

2. Family Instructions to Enroll in Exhibits

1. Go to <http://dekalb4-fair.fairentry.com>
2. Click on Sign in with 4H Online
3. You should see a list of family members eligible to exhibit.
4. Click Edit next to the name of the individual. You will see the information about this individual. If any of the information is incorrect, log into 4-H Online and correct the information.
5. Click on Continue to Entries
6. Select the appropriate Department. Then you will see a list of Divisions within that Department.
7. Select the desired Division. This will show a list of classes in the Division.
8. Select the Desired Class. Some classes may require additional information.
9. Click on Continue. You will then be prompted to confirm which club for this exhibit. It will choose the club where you are enrolled in the project. Click Select this club and choose Continue.
10. Answer any questions that come up. Click Continue.
11. **If you wish to add another Entry, choose either Add another Entry, or Add another Entry in this Division. Add another entry would allow you to choose another entry in any division. Add another entry in this division would allow you to add another entry in the same division, for example Visual Arts.**
12. Decide if you would like to register another exhibitor (sibling) OR continue to payment (choose this option when you have entered ALL of your family's entries.
13. Once you Click Continue to Payment after you are done. Follow any instructions regarding payment. In DeKalb County, we do not require a registration fee, so the Invoice will be \$0.
14. Choose to Submit your entries.

15. You will receive an email from Fair Entry stating that your entries were submitted. Once you hit submit, you cannot edit your entry or add entries until after your entries have been approved.
16. The Extension Office will then approve or reject your entries. You will be sent another email accordingly.

3. ENTRY FEES – The 4-H Show & Fair require no entry fees.

4. ENTRY RULES

- A. Entries may be made only in project areas in which the 4-H member is enrolled in.
- B. All entries **MUST** be the current work of the member making the exhibit or entry.

5. LIVESTOCK RULES - All animals exhibited at the 4-H Fair must be owned by the 4-H member. Professional fitters **will not be allowed** to assist in the 4-H Fair. 4-H'ers may be assisted by a family member (mother, father, brother, sister, grandparents, or legal guardians) or by another 4-H'er from DeKalb County.

JUDGING

1. RATING & PREMIUMS

- A. 4-H General Projects are evaluated on an individual basis through conferences between the 4-H'er and the judge. 4-H livestock exhibits are evaluated on an individual basis within their classes. All 4-H exhibits receive a blue, red, or white rating.
- B. 4-H exhibitors will receive their 4-H premium checks if/when money is received from the state for this purpose. 4-H premiums will be paid using an x-factor. Checks will be mailed to exhibitors.
- C. Grievances/Protests - The 4-H Grievance Committee shall consist of the 4-H Fair Superintendent and 4-H Extension staff. Judging concerns/questions should go to the appropriate department superintendent first. If the concern cannot be resolved, then the department superintendent may refer the concern to the Grievance Committee. All grievances must be filed in writing. Grievances should be submitted to an Extension staff member. Complaints must be brought before the Grievance Committee within 24 hours of the incident.

Tax Implications for Prizes, Gifts, or Awards

Program Participants (including minors) will be required to provide their social security number or foreign national tax ID number prior to receiving a prize, gift, or award to ensure proper IRS reporting as required by law. This sensitive information is kept confidential and handled through security protected software (PEAR). Participants will not be eligible for prize, gift, or award if social security or foreign national tax ID information is not provided.

All first time 4-H'ers showing beef, sheep, swine, dairy, goats, horses, rabbits, cats, dogs and poultry will need to complete the QUALITY ASSURANCE & ETHICS PROGRAM over the internet. This should be completed by May. Failure to complete this program will result in the 4-H'ers being dropped from the project and ineligibility to show at the fair.

* Articles lost, stolen, or damaged are not the responsibility of the University of Illinois Extension DeKalb County.

4-H CODE OF CONDUCT

The opportunity to participate in or attend 4-H activities is a privilege and not a right. All 4-H participants – youth, families, volunteers, and Extension staff – who participate in or attend any activity or event sponsored by the University of Illinois Extension 4-H Youth Development Program are expected to uphold the values of the Illinois 4-H program and conduct themselves according to the following standards. These standards also apply to online 4-H activity, including social media and internet presence. Our first priority is to create a safe, inclusive space for learning, sharing and collaboration that is welcoming to people from diverse backgrounds, cultures, and perspectives. Diversity includes, but is not limited to: race, color, religion, political beliefs, national or ethnic origin, immigration or citizenship status, sex, gender identity and expression, transgender status, sexual orientation, age, marital or family 108 status, educational level, learning style, pregnancy, physical appearance, body size, and individuals with disabilities.

1. **Create a Welcoming Environment for All.** Encourage everyone to fully participate in 4-H. Recognize that all people have skills and talents that can help others and improve the community. Though we will not always agree, we must disagree respectfully. When we disagree, try to understand why.
2. **Bring Your Best Self.** Conduct yourself in a manner that reflects honesty, integrity, self-control, and self-direction. Accept the results and outcomes of 4-H contests with grace and empathy for other participants. Accept the final opinions of judges and evaluators. Be open to new ideas, suggestions, and opinions of others.
3. **Obey the Law.** Commit no illegal acts. Do not possess, offer to others, or use alcohol, illegal drugs, or tobacco products which include e-pens, e-pipes, e-hookah, e-cigars, JUULs, vapes, vape pens or other electronic nicotine delivery systems., . Do not possess or use weapons or firearms except as expressly permitted as part of supervised 4-H shooting sports programming. Do not attend 4- H activities under the influence of alcohol or illegal substances.
4. **Honor Diversity – Yours and Others’.** Respect and uphold the rights and dignity of all persons who participate in 4-H programs.
5. **Create a Safe Environment.** Do not carelessly or intentionally harm or intimidate anyone in any way (verbally, mentally, physically, or emotionally). Do not engage in romantic displays or sexual activities in either public or private situations. Be kind and compassionate toward others. Do not insult, harass, or bully others or engage in other hostile activities. Be considerate and courteous of all persons and their property.
6. **Be a Team Player.** Work cooperatively with all individuals involved in 4-H programs and activities. Be responsive to the reasonable requests of the person in charge. Respect the integrity of the group and the group’s decisions.
7. **Participate Fully.** Participate in and contribute to planned programs, be on time and follow through on assigned tasks/responsibilities in a manner that fosters the safety, well-being, and quality of the educational experience for self and others. Have fun!
8. **Watch What You Wear.** Use good judgment. Wear clothing suited for the activity in which you will participate. Dress in a manner that is respectful to yourself and others. Clothing that displays or promotes violence, obscenity, illegal activities, discrimination, or intimidation is prohibited. Do not wear revealing clothing, such as short skirts or shorts, midriff-baring tops, or anything showing undergarments.
9. **Be a Positive Role Model.** Act in a mature, responsible manner, recognizing you are role models for others and that you are representing both yourself and the University of Illinois Extension 4-H Youth Development Program. Be responsible for your behavior, use positive and affirming language, and uphold exemplary standards of conduct at all 4-H activities.

CONSEQUENCES Any of the following may be used, depending on severity of the situation:

1. Participant will receive a verbal warning.
2. Participant may remain at the event/activity, but may be barred from future events.
3. Participant may be asked to leave the event/activity. If the participant is a youth, the parent(s) will be called and the youth will be sent home at family’s expense.

**4-H GENERAL PROJECTS SHOW
DEKALB COUNTY FARM BUREAU BUILDING
PHONE: 815-758-8194
WEDNESDAY, JULY 8, 2020**

The 4-H Show and Fair are only open to 4-H members ages 8 to 18 years of age as of September 1, 2019. Cloverbud participants are not permitted to compete at county events.

1. **Online entries are due by MONDAY, JUNE 15, 2020. NO late entries will be accepted.** To register projects for the General Project Show go to: <http://dekalb4-hfair.fairentry.com>
2. ENTRIES ARE LIMITED TO **ONE** IN EACH EXHIBIT AREA with the EXCEPTION OF VISUAL ARTS AND FOODS PROJECTS. 4-H'ers are limited to receive one premium per class exhibited in premium eligible projects
3. Entry tags to label exhibits will be provided to the 4-H'ers upon registration for conference judging.
4. If a 4-H member needs a reasonable accommodation to participate in the 4-H General Project Show, please contact the DeKalb County Extension office at 815-758-8194 by June 15, 2020.
5. Exhibits will be evaluated in a scheduled conference between the member and an adult judge in the Farm Bureau Building. Conference judging times will be assigned by 4-H Club. The judging schedule will be in the 4-H newsletter, can be picked up in the Extension office, and found online under the 2020 4-H Fairbook. Please review the judging schedule printed on page 5 of this book to determine your appropriate project judging date.
Exhibitors should come prepared with all requirements of their exhibit classes met. Exhibitors should also be prepared to discuss with the judge: A) Process followed in making the exhibit, B) what you learned, and C) what you would do differently next time.
6. The building will be open for public viewing of exhibits from 12:00-7:00 p.m. on Thursday, July 9. A 4-H Rocket Launch will take place at 6:00 p.m. for the public to enjoy.
7. The Fashion Revue is Thursday, July 9 at 7:00 p.m. followed by a general awards program.
8. Exhibits will be released on Thursday, July 9 after the awards presentation at approximately **8:30 p.m.** All exhibits are to be removed from the building by 9:00 p.m.
9. 4-H families are urged to make every attempt to have 4-H'ers present for their conference(s) with the judge(s) for the educational benefit. 4-H'ers unable to attend the show due to a serious conflict may have their parent, leader or junior leader substitute for them in general projects judging. The 4-H'er must give the substitute written answers to the questions listed above in rule 5. Failure to include written answers could result in a lower ribbon rating. All other class requirements must also be followed.
10. On Thursday evening of the 4-H General Project Show, a 4-H Cloverbud graduation will take place to recognize those Cloverbud members who will be completing their last year in this program before moving up to the traditional 4-H program. This ceremony will take place following the fashion revue.
11. Emergency Procedures: In the event of a tornado, staff/guests should go immediately to coat closet in the main lobby or the lowest point in the theater prior to reaching the stage. In the event of a fire, all staff/guests should exit the building by the nearest exit and convene in the lawn area in the northeast corner of the property adjacent to Prairie Dr.

DIVISION: CLOVERBUD

The following class is only open to official members of the Cloverbud program that are between the ages of 5 and 7 years as of September 1, 2019. Cloverbud exhibits will be reviewed on **Wednesday, July 8, 2020.**

1. 4-H Cloverbud displays must be checked in during the groups assigned time on Wednesday, July 9 at the DeKalb County Farm Bureau Building.
2. Each Cloverbud group will be scheduled a sharing time during this morning. The 4-H Cloverbud Group contact leader may be present with the 4-H Cloverbud members as they share their experiences with the designated adult representative present. 4-H Cloverbud members should be prepared to discuss what they learned. This is a non-competitive sharing experience.
3. 4-H Cloverbuds is a non-premium class. 4-H Cloverbud participation ribbons will be awarded to each member of the group.
4. All Cloverbud displays will be released from the 4-H Show following the awards program on the evening of July 9.
5. The 4-H Cloverbuds class is for youth 5-7 as of September 1, 2019, enrolled in a DeKalb County 4-H Cloverbud group. Enrollment in a 4-H Cloverbud group must have been made on or before April 15, 2020, to be eligible to participate in this division. 4-H Cloverbud members must be enrolled in the Cloverbud Project.
6. On Thursday evening following the Fashion Revue, a Cloverbud Graduation Ceremony will take place. This ceremony will recognize those Cloverbud members completing their final year in the Cloverbud program before moving up to the traditional 4-H program. All graduating Cloverbud members are encouraged to be present.

***4-H CLOVERBUDS**

4-H Cloverbud Groups should prepare a display of one or more activities made or conducted from the 4-H Cloverbud curriculum. The display may be prepared jointly as a group or by individual 4-H Cloverbud members. All 4-H Cloverbud members are encouraged to be present at the time of sharing along with the contact leader.

*** Indicates ineligibility for State Fair – County project only**

DIVISION: AEROSPACE

The following classes are for 4-H youth 8 to 18 years of age. Aerospace projects will be judged on **Wednesday, July 8, 2020.**

Two 4-H'ers can be selected for the Illinois State Fair from the Aerospace classes. One 4-H'er can be selected for the Illinois State Fair from the Aerospace Ready4Life Challenge.

4-H'ers are limited to receive one premium per class exhibited in premium eligible projects.

	Blue	Red	White
AEROSPACE MODEL ROCKETRY	4x	3x	2x
Exhibit one model rocket assembled or made by the member. The exhibit will be a static display. The model rocket should be in good flying condition. DO NOT include the rocket engine with your exhibit. The rockets will not be launched. Attach the printed directions for construction of the rocket if any were used.			

	4x	3x	2x
AEROSPACE DISPLAY			
Prepare a display related to the aerospace project which does not fit in the model rocketry class. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.			

	4x	3x	2x
AEROSPACE READY4LIFE CHALLENGE			
Open to 11- to 18-year-olds enrolled in any Aerospace project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.			

	4x	3x	2x
AEROSPACE MAKER			
Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines:			
<ul style="list-style-type: none">• Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.			

- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogramed to perform a different function other than what it was designed to do)
- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are **HIGHLY** encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also **HIGHLY** encouraged that exhibits use Open Source Software and/or Hardware in the build.

THREE BEST STEM PROJECT PLAQUES WILL BE AWARDED FOR EXHIBITS IN EITHER AEROSPACE, BICYCLE, ELECTRICITY, SMALL ENGINES, TRACTOR OR WELDING.

DIVISION: ANIMAL SCIENCE

The following classes are for 4-H youth 8 to 18 years of age. Animal Science projects will be judged on **Wednesday, July 8, 2020.**

Two 4-H'ers can be selected for the Illinois State Fair from the Animal Science. Please make note that Veterinary Science is a separate class and can be found under the Veterinary Science Division. One 4-H'er can be selected for the Illinois State Fair from the Animal Science Ready4Life Challenge.

For the Animal Science Classes: This exhibit class will be further divided into the following subclasses: Beef, Dairy, Goat, Sheep, Swine, Poultry, Horses, Rabbits, Cats, Dogs, or Small Pets. 4-H'ers are limited to receive one premium per subclass exhibited in premium eligible projects. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Live animals are not permitted as exhibits in this area. ***For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.***

	Blue	Red	White
ANIMAL SCIENCE 1 – Ages 8-12 (as of 9/1/19)	4x	3x	2x

Prepare a display focusing on any activity related to the animal science project.
Demonstrate the skills and knowledge you have gained through the animal project you studied.

ANIMAL SCIENCE 2 – Ages 13-18 (as of 9/1/19)	4x	3x	2x
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Prepare a display focusing on any activity related to the animal science project.
Demonstrate the skills and knowledge you have gained through the animal you studied.

ANIMAL SCIENCE READY4LIFE CHALLENGE	4x	3x	2x
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Open to 11- to 18-year-olds enrolled in any Animal Science project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

ANIMAL SCIENCE MAKER	4x	3x	2x
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Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogrammed to perform a different function other than what it was designed to do)
- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are **HIGHLY** encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also **HIGHLY** encouraged that exhibits use Open Source Software and/or Hardware in the build.

**TWO PLAQUES WILL BE AWARDED TO THE BEST ANIMAL
OR VET SCIENCE PROJECTS**

DIVISION: BICYCLE*

The following classes are for 4-H youth 8 to 18 years of age. Bicycle projects will be judged on **Wednesday, July 8, 2020.**

***Indicates ineligibility for State Fair. This project is a county exhibit opportunity only.** 4-H'ers are limited to receive one premium per class exhibited in premium eligible projects.

	Blue	Red	White
*BICYCLE LEVEL 1 – BICYCLING FOR FUN	4x	3x	2x
Exhibit an educational display about safety practice(s) covered in the book. The 4-H'er should be able to explain why these safety practices are necessary to the conference judge.			

*BICYCLE LEVEL 2 – WHEELS IN MOTION	4x	3x	2x
Exhibit an educational display related to a topic or topics you covered within your book. 4-H'er should be able to explain their exhibit and information covered within this project book.			

BICYCLE MAKER	4x	3x	2x
Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines:			
<ul style="list-style-type: none">• Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.• The device must be something that can be used in everyday life by multiple people (a target audience), and MUST be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device MUST be modified structurally or be reprogramed to perform a different function other than what it was designed to do• Exhibit MUST be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)• Exhibits MUST include a detailed build log with instructions on how to make or build the exhibit, AND contain either a 3D rendering or detailed and labeled sketches of the device/product.• All parts and software used in the design/build MUST be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.			

In addition, exhibitors are **HIGHLY** encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also **HIGHLY** encouraged that exhibits use Open Source Software and/or Hardware in the build.

THREE BEST STEM PROJECT PLAQUES WILL BE AWARDED FOR EXHIBITS IN EITHER AEROSPACE, BICYCLE, ELECTRICITY, SMALL ENGINES, TRACTOR OR WELDING.

DIVISION: CHILD DEVELOPMENT

The following classes are for 4-H youth 8 to 18 years of age. Aerospace projects will be judged on **Wednesday, July 8, 2020.**

One 4-H'er can be selected for the Illinois State Fair from the Child Development classes. One 4-H'er can be selected for the Illinois State Fair from the Child Development Ready4Life Challenge.

4-H'ers are limited to receive one premium per class exhibited in premium eligible projects.

	Blue	Red	White
CHILD DEVELOPMENT	4x	3x	2x
<p>Prepare a display focusing on a topic related to child care of this age group such as selecting age appropriate activities, explaining child behavior, and/or recognizing safety concerns. Demonstrate the skills and knowledge you have gained through the child development project you studied. Include a list of resources you used to learn more about child care, such as mentors, books, articles, or websites. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.</p>			

	Blue	Red	White
CHILD DEVELOPMENT READY4LIFE CHALLENGE	4x	3x	2x
<p>Open to 11- to 18-year-olds enrolled in any Child Development project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.</p>			

	Blue	Red	White
CHILD DEVELOPMENT MAKER	4x	3x	2x
<p>Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines:</p> <ul style="list-style-type: none">• Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.• The device must be something that can be used in everyday life by multiple people (a			

target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogramed to perform a different function other than what it was designed to do

- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are **HIGHLY** encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also **HIGHLY** encouraged that exhibits use Open Source Software and/or Hardware in the build.

THREE BEST HEALTHY LIVING & NUTRITION PROJECT PLAQUES WILL BE AWARDED FOR EXHIBITS IN CHILD DEVELOPMENT, FOOD & NUTRITION OR HEALTH.

DIVISION: CIVIC ENGAGEMENT

The following classes are for 4-H youth 8 to 18 years of age. Civic Engagement projects will be judged on **Wednesday, July 8, 2020.**

Two 4-H'ers can be selected for the Illinois State Fair from the civic engagement classes. One 4-H'er can be selected for the Illinois State Fair from the Citizenship Ready4Life Challenge.

***Indicates ineligibility for State Fair. County exhibit only.**

	Blue	Red	White
CIVIC ENGAGEMENT 1	4x	3x	2x
Exhibit a display illustrating one of the following options: 1) personal information about yourself – who you are, things you like to do, things you are good at, your favorites; 2) your feelings and how to handle these feelings; 3) your family, their responsibilities, how you work together; OR 4) the Family Pedigree that may include family group pages. Due to space restrictions, exhibits are limited to 2'6" wide and 15" deep.			

	4x	3x	2x
CIVIC ENGAGEMENT 2			
Exhibit a display illustrating one of the following options: 1) your neighborhood; 2) how you were a good neighbor or led a service project for your community; OR 3) a Citizenship Challenge that you helped organize and lead (see the project book for details). Due to space restrictions, exhibits are limited to 2'6" wide and 15" deep.			

CIVIC ENGAGEMENT 3

4x 3x 2x

Exhibit a display illustrating one of the activities that you completed within your project as it relates to one of the following categories in the manual: 1) Government; 2) Business and Industry; 3) Transportation, Communication & Utilities; 4) Culture & Heritage; 5) Natural Resources & Environment; 6) Education; 7) Organizations within your community; 8) Tourism; OR 9) Support Systems within your community. Due to space restrictions, exhibits are limited to 2'6" wide and 15" deep.

CIVIC ENGAGEMENT READY4LIFE CHALLENGE

4x 3x 2x

Open to 11- to 18-year-olds enrolled in any Citizenship project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

CIVIC ENGAGEMENT MAKER

4x 3x 2x

Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogrammed to perform a different function other than what it was designed to do)
- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are **HIGHLY** encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also **HIGHLY** encouraged that exhibits use Open Source Software and/or Hardware in the build.

***SERVICE LEARNING 1**

4x 3x 2x

Exhibit a binder portfolio to reflect what the exhibitor accomplished in the four steps of service learning. If exhibitor has been enrolled in project for multiple years, the binder portfolio should include previous years' work. Use of page protectors is recommended.

***SERVICE LEARNING 2**

4x 3x 2x

Exhibit a binder portfolio to reflect what the exhibitor accomplished in the four steps of service learning. If exhibitor has been enrolled in project for multiple years (including Service Learning 1) the binder portfolio should include previous years' work. Use of page protectors is recommended.

***SERVICE LEARNING 3**

4x 3x 2x

Exhibit a binder portfolio to reflect what the exhibitor accomplished in the four steps of service learning. If exhibitor has been enrolled in project for multiple years (including Service Learning 1 & 2) the binder portfolio should include previous years' work. Use of page protectors is recommended.

*** Indicates ineligibility for State Fair. County project only.**

THE BEST GLOBAL CIVIC ENGAGEMENT PROJECT PLAQUE WILL BE AWARDED FOR AN EXHIBIT IN EITHER PASSPORT TO THE WORLD, CIVIC ENGAGEMENT, SERVICE LEARNING, DIVERSITY & CULTURAL AWARENESS OR FAMILY HERITAGE.

DIVISION: CLOTHING & TEXTILES

The following classes are for 4-H youth 8 to 18 years of age. Clothing & Textile projects will be judged on **Wednesday, July 8, 2020.**

Three 4-H'ers can be selected for the Illinois State Fair from STEAM Clothing 1, 2, 3. Two 4-H'ers from Shopping in Style Beginner, Intermediate, Advanced. One 4-H'er can be selected for the Illinois State Fair from the Sewing & Textiles Ready4Life Challenge.

Entries are limited to one per class. 4-H'ers are limited to receive one premium per class exhibited in premium eligible projects.

All exhibits entered in the clothing and textiles area will be judged based on their construction and fit (if applicable). Exhibitors bringing garments should not wear their garments when they arrive for judging the garment will be reviewed by the judges for construction first. Exhibitors will be asked to change into the garment as the second step of the judging process. If the garment was constructed for another individual, that individual must be present to wear the garment for the judge. (Only the exhibitor who made the garment is eligible for ribbon and premium.)

Construction and appearance will both be considered. **If a pattern was used to make the item, the pattern instructions, either written or electronic, are to be included with the exhibit.** Exhibit tags should be attached to the garment, not to the hanger.

Members wishing to exhibit knitted items should enroll in Visual Arts and exhibit in Fiber (if original) or Heritage Arts (if made from a pattern). Members who enroll in Clothing & Textiles with the intent of pursuing quilting can exhibit in the non-clothing exhibit category in STEAM Clothing 1—Fundamentals. Quilts exhibited in the Clothing & Textiles area will be judged using a rubric that evaluates the sewing skills and construction of the item. All work on the quilt MUST be completed by the 4-H member. You cannot exhibit a quilt that was quilted by someone else. Quilts can be hand OR machine quilted as long as ALL work is completed by the exhibitor.

STEAM CLOTHING 1 - FUNDAMENTALS:

	Blue	Red	White
	4x	3x	2x

Exhibit on of the following in either the Non-Sewn, Sewn Non-Clothing, or the Sewn Clothing exhibit divisions:

Non-Sewn Exhibits – Exhibit one of the following:

- Clothing Portfolio – Complete at least three different samples/activities from Chapter 2 and/or Chapter 3 of the project manual. Examples of samples you might include: How Two Magically Become One, pages 85-86; No Fear of Fray, pages 93-95; Two Sides of the Moon, pages 97-99; On the Flip Side, pages 101-104; Basic Hand Sewing Skills, pages 106-108. The Portfolio should be placed in an 8 ½ x 11, 3 ring binder. Include an appropriate cover, dividers, and table of contents. NOTE – additional pages can be added each year but must be dated with the year. See pages 9-10 of project manual for portfolio formatting.
- Fabric Textile Scrapbook – Must include at least 5 different textile samples. Use Textile Information Cards template on page 41 in project manual to identify fabric swatches. Completed textile cards should be placed in an 8 ½ x 11, 3 ring binder. Include an appropriate cover. See project manual, pages 42-74, for fabric options and fabric science experiments.
- What's the Difference - What's the Price Point – Exhibit may include a notebook, poster, small display sharing a project comparison and price point. See activity, pages 118-120. Exhibit should include PHOTOS; NO actual PILLOWS.

Beginning Sewing Exhibits – exhibits in this class must be made from medium weight woven fabrics that will sew and press smoothly, flannel/fleece is acceptable. Solid color fabrics or those having an overall print are acceptable. NO PLAIDS, STRIPES, NAPPED or JERSEY KNIT. Patterns should be simple WITHOUT DARTS, SET-IN SLEEVES, and COLLARS. Raglan and loose flowing sleeves are acceptable.

Sewn Non-Clothing Exhibits – Exhibit one of the following:

- Pillowcase
- Simple Pillow – no larger than 18" x 18"
- Bag/Purse – no zippers or button holes
- Other non-clothing item using skills learned in project manual

Sewn Clothing Exhibits - Exhibit one of the following:

- Simple top
- Simple pants, shorts, or skirt – no zipper or button holes
- Simple Dress – no zipper or button holes
- Other – other wearable item using skills learned in project manual (apron, vest, etc.)

STEAM CLOTHING 2 – SIMPLY SEWING:

Blue Red White
4x 3x 2x

Exhibit one of the following in either the Non-Sewn, Sewn Non-Clothing, or the Sewn Clothing exhibit divisions:

Non-Sewn Exhibits – Exhibit one of the following:

- Clothing Portfolio – Complete at least four different samples/activities from Chapters 2, 3 AND/OR 4 of the project manual. The Portfolio should be placed in an 8 ½ x 11, 3 ring binder. Include an appropriate cover, dividers, and table of contents. NOTE – this can be a continuation of a Portfolio created in STEAM Clothing 1. Additional pages can be added each year but must be dated with the year created. See project manual, pages 9-11 for portfolio formatting.
- Expanded Textile Science Scrapbook – Must include at least 10 different textile samples. Use Textile Information Cards template on page 39 in project manual to identify fabric swatches. Completed textile cards should be placed in an 8 ½ x 11, 3 ring binder. Include an appropriate cover. See Project, pages 40-82 for fabric science experiments.
- Design Basics – Understanding Design Principles – Exhibit should include a learning experience that demonstrates the design principles and elements involved when selecting fabric for clothing and accessories. See project manual, pages 17-20 for design suggestions.
- Entrepreneurial Sewing – Exhibit should highlight items you made for sale online. Create an exhibit that displays products you made and posted online. Refer to the project manual, pages 161-167 for information on how to analyze the cost of similar purchased items to determine pricing of your products. The exhibit may be a notebook, poster or small display.

Sewn Non-Clothing Exhibits - Exhibit one of the following:

- Recycled Clothing Accessory – Create a clothing accessory made from a used item. The item must be changed in some way in the redesign process. The finished accessory must reflect at least one skill learned in the project and exhibitor should be able to identify the skill used. A before picture and a description of the redesign process must accompany the exhibit. Clothing accessory may include: hat, bag, scarf, belt, etc.
- Non-clothing item OR Clothing Accessory – Create a clothing accessory using at least one skill learned in this project. Exhibitor should be able to identify the skill used.

Sewn Clothing Exhibits - Exhibit one of the following:

- Recycled Clothing – Create a garment from used textile based items. The original used item must be redesigned (not just embellished or decorated) in some way to create a new wearable piece of clothing. The finished garment must reflect at least one skill learned in this project and exhibitor should be able to identify the skill used. A before picture and a description of the redesign process must accompany the exhibit.
- Constructed garment – Any garment with facings or curves. Should use at least one skill learned in this project and exhibitor should be able to identify the skills used. Garment should be appropriate for the age and experience of the member.

STEAM CLOTHING 3 – A STICH FURTHER:

4x 3x 2x

Exhibit one of the following in either the Non-Sewn, Sewn Non-Clothing, or the Sewn Clothing exhibit divisions:

Non-sewn Exhibits – Exhibit one of the following:

- Clothing Portfolio – Complete at least four different samples/activities from Chapters 2, 3 AND/OR 4 of the project manual. The Portfolio should be placed in an 8 ½ x 11, 3 ring binder. Include an appropriate cover, dividers, and table of contents. NOTE – this can be a continuation of a Portfolio created in STEAM Clothing 1 and/or STEM Clothing 2. Additional pages can be added each year but must be dated with the year created. See project manual, pages 11-13 for portfolio formatting.
- Expanded Textile Science Scrapbook - Must include at least 10 different textile samples. Use Textile Information Cards template on page 29 in project manual to identify fabric swatches. Completed textile cards should be placed in an 8 ½ x 11, 3 ring binder. Include an appropriate cover. See Project, pages 39-52 for fabric science experiments.
- Advanced Entrepreneurial Sewing – Using knowledge gained in project manual, Chapter 5, display one sample product with a business plan that includes a business ID and logo. The Exhibit may be a notebook, poster or small display.

Sewn Non-Clothing Exhibit – Exhibit one of the following:

- Recycled Clothing Accessory – Create a clothing accessory made from a used item. The item must be changed in some way in the redesign process. The finished accessory must reflect at least one skill learned in the project and exhibitor should be able to identify the skill used. A before picture and a description of the redesign process must accompany the exhibit.
- Non-clothing item OR Clothing Accessory – Create a clothing accessory using at least one skill learned in this project. Exhibitor should be able to identify the skill used.

Sewn Clothing Exhibit – Exhibit one of the following:

- Recycled Clothing – Create a garment from used textile based items. The original used item must be redesigned (not just embellished or decorated) in some way to create a new wearable piece of clothing. The finished garment must reflect at least one skill learned in this project and exhibitor should be able to identify the skill used. A before picture and a description of the redesign process must accompany the exhibit.
- Constructed garment – Any garment constructed by the member which is appropriate for the age and experience of the exhibitor. Should use at least one skill learned in this project and exhibitor should be able to identify the skills used. Possible examples are wool garment, dress or jacket with set in sleeves and zipper or buttons and button holes, suites evening gown or sport outfit.

SHOPPING

Exhibit one of the following options that align with the Shopping in Style level. If a garment is part of the 4-H exhibit, exhibitors should put the garment on PRIOR to their judging time.

Shopping in Style: Members are encouraged to spend more than one year involved in this project so they have time to learn what clothing styles look best on them while they also gain skills in building a versatile wardrobe and staying within their budget. Each year enrolled in Shopping should build on previous year's learning experience.

SHOPPING IN STYLE: BEGINNING

Blue 4x Red 3x White 2x

Choose one of the following activities from Unit 1 or Unit 2 of the project book

- Exhibit should consist of a garment that reflects your personal style along with a poster or report that 1) explains how this garment reflects your style and how it influences what others think of you; **OR** 2) how your personal style either aligns or contradicts what is considered to be “in style” today. **OR**
- Exhibit should include a garment you purchased along with a poster or report that explains or illustrates how this garment is either 1) a modern version of a fad or fashion from an earlier decade; **OR** 2) how this garment reflects a different ethnic or cultural influence.
- Exhibit should include garment you purchased along with a poster or report that provides 1) a body shape discussion and how body shape influences clothing selections; **OR** 2) a color discussion that provides an overview of how different colors complement different hair colors and skin tones and how that influenced garment selection. Poster or report may include pictures from magazines, the internet or actual photos of garments. **OR**
- Exhibit should include garment you purchased along with a poster or report that 1) explains how this garment uses the principles of design lines to create an illusion to alter appearance; **OR** 2) explains how color and texture of fabrics can complement or enhance appearance. Poster or report may include pictures from magazines, the internet, or actual photos of garments.

SHOPPING IN STYLE: INTERMEDIATE

4x 3x 2x

Choose one of the following activities from Unit 3 or Unit 4 of the project book

- Exhibit should include two clothing items that were previously a part of your wardrobe that still fit but you don't wear anymore and pair them with something new to make them wearable again. Also include a report that explains why the garment was not being worn and what you did to transform it into a wearable garment again. **OR**
- Exhibit should include at least five pieces of clothing that exhibitor can mix and match to create multiple outfits. Include a poster or report that includes a clothing inventory **AND** describes what you have learned by completing this activity. **OR**
- Exhibit should include garment you purchased along with a poster or report that 1) includes a wardrobe inventory which indicates why you selected the garment you did, clothing budget, and cost of garment; **OR** 2) explains how advertising influences clothing purchases making a distinction between wants and needs; and how the purchase of this garment compliments and/or extends your wardrobe. **OR**
- Exhibit should include garment you purchased along with a poster or report that 1) describes a cost comparison of this item completed by the exhibitor when purchasing the garment; should include variety of shopping options and/or price tracking at stores over a period of time; **OR** 2) provides a quality comparison rating the specific clothing item purchased based on care, construction, cost and unique features; should include construction quality details, design features that influenced selection, cost per wearing, and garment care.

SHOPPING IN STYLE: ADVANCED

4x 3x 2x

Choose one of the following activities from Unit 5 or Unit 6 of the project book

- Exhibit should include garment you purchased along with a poster or report that

summarizes care requirements not only for this garment but also for garments made of other natural and synthetic fibers; exhibit should also include a care cost analysis for garments of different fibers. **OR**

- Exhibit should include garment you purchased which you have repaired or altered along with a poster or report that provides a clothing inventory list, which includes cost savings for repaired items as compared to purchasing replacement garments.
- Exhibit should include multiple garments you purchased along with a poster or report that provides plans and commentary for a fashion show that would capture the attention of an audience. Fashion show plans should identify target audience, include show venue, purpose of the show, and logistical plan for the fashion show. This should also include a financial plan. Exhibitor should be prepared to demonstrate modeling skills.

SEWING & TEXTILES READY4LIFE CHALLENGE

4x 3x 2x

Open to 11- to 18-year-olds enrolled in any Sewing & Textiles project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

CLOTHING MAKER

4x 3x 2x

Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogrammed to perform a different function other than what it was designed to do)
- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are **HIGHLY** encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also **HIGHLY** encouraged that exhibits use Open Source Software and/or Hardware in the build.

CLOTHING AWARDS

The Top 5 exhibits in Sewing & Textiles I will be presented awards. A plaque will be awarded for the Best STEM Project - Clothing & Textiles.

The Eleanor Fewell Memorial Award will be given to the participant with the best constructed garment or superior constructed non garment in Sewing & Textiles I.

DIVISION: COLLEGE & CAREER READINESS

The following classes are for 4-H youth 8 to 18 years of age. College & Career Readiness projects will be judged on **Wednesday, July 8, 2020**.

One 4-H can be selected for the Illinois State Fair from Build Your Future. One 4-H'er can be selected for the Illinois State Fair from the College & Career Ready4Life Challenge.

BUILD YOUR FUTURE

Blue Red White
4x 3x 2x

Develop a Career portfolio which includes the items listed below. Members are encouraged to spend more than one year involved in this project so they have time to thoroughly explore the learning modules and develop a greater understanding of planning and preparing for their future and develop a comprehensive career planning portfolio. The original OR photocopies of the completed activities from the project manual should be included in the portfolio. Each year enrolled in the project should build on previous year's learning experiences.

- First Year – Complete a minimum of Activities 1-4 from the Build Your Future project manual which includes: Skills...Choices...Careers; Making Career Connections; Build Your Future Through Portfolios; and Education Pay\$.
- Second Year – Complete a minimum of Activities 5-7 from the Build Your Future project manual which includes: Career FUNds; Turn Your 4-H Passion Into Profit; and Pounding the Pavement.
- Third Year – Complete a minimum of Activities 8-9 from the Build Your Future project manual which includes: Putting the Pieces Together: Goals for the Future; and Pathways to Success.

COLLEGE & CAREER READY4LIFE CHALLENGE

4x 3x 2x

Open to 11- to 18-year-olds enrolled in the College & Career project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

COLLEGE & CAREER MAKER

4x 3x 2x

Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogrammed to perform a different function other than what it was designed to do)
- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are **HIGHLY** encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also **HIGHLY** encouraged that exhibits use Open Source Software and/or Hardware in the build.

THE BEST CAREER & LEADERSHIP PROJECT PLAQUE WILL BE AWARDED FOR AN EXHIBIT IN EITHER COLLEGE & CAREER READINESS, CONSUMER ED, ENTREPRENEURSHIP, FINANCIAL, LEADERSHIP

The Department of Agriculture shall use its best efforts to secure sufficient appropriations to fund premiums. In any year for which the General Assembly of the State of Illinois fails to make an appropriation sufficient to pay such premiums, premiums amounts may not be accurately reflected in this Premium Book.

DIVISION: COMMUNICATIONS

The following classes are for 4-H youth 8 to 18 years of age. Communications projects will be judged on **Wednesday, July 8, 2020.**

Two 4-H'ers can be selected for the Illinois State Fair from Journalism, Communications & Creative Writing. One 4-H'er can be selected for the Illinois State Fair from the Communications Ready4Life Challenge.

	Blue	Red	White
	4x	3x	2x

JOURNALISM

Exhibit a binder portfolio showing the results of the appropriate year's activities noted below:

Year 1: Accomplishments of a minimum of 5, 2-star activities from Part 1, answering all of the questions in the activities.

Year 2: Results of doing a minimum of 5, 2-star activities from Part 2, answering all the questions in the activities.

Year 3: Results of doing a minimum of 5, 3-star activities from Parts 1 and 2. One of the activities must include writing an advance story, a follow-up story, or a feature story.

Year 4: Results of doing at least 2, 2-star activities and 3, 3-star activities from Part 3.

	4x	3x	2x
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COMMUNICATIONS 1 – PICKING UP THE PIECES

For first year enrolled in this project - Exhibit a binder portfolio showcasing **at least three activities from the project manual**. Show basis activities and anything that extended lessons. For 2nd and 3rd years in project: Include everything from earlier years' work and add section showcasing **at least four additional activities per year**. Use of page protectors is recommended.

	4x	3x	2x
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COMMUNICATIONS 2 – PUTTING IT TOGETHER

For first year enrolled in this project - Exhibit a binder portfolio showcasing **at least three activities from the project manual**. Show basis activities and anything that extended lessons. For 2nd and 3rd years in project: Include everything from earlier years' work and add section showcasing **at least four additional activities per year**. Use of page protectors is recommended.

	4x	3x	2x
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COMMUNICATIONS 3 – THE PERFECT FIT

For first year enrolled in this project - Exhibit a binder portfolio showcasing **at least three activities from the project manual**. Show basis activities and anything that extended lessons. For 2nd and 3rd years in project: Include everything from earlier years' work and add section showcasing **at least four additional activities per year**. Use of page protectors is recommended.

	4x	3x	2x
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CREATIVE WRITING

Each member may submit only one entry per class. Each entry is to be typewritten on 8 1/2" x 11" paper and include exhibitors name. Entries must be original and written for the 4-H project. Stories should be double-spaced. Poems may be single-spaced. **Entries are due to the Extension Office on July 2** so the judge has adequate time to read the submission and provide meaningful review.

- **Rhymed Poetry** – An interpretation of a subject in rhymed verse. Submit a collection of three poems.
- **Free Style Poetry**– An interpretation of a subject in unrhymed verse. Submit a collection of three poems.
- **Short Story**– A fiction piece comprised of three basic elements: a theme, a plot and characters. Submit one story, maximum length –2,000 words.
- **Essay**– A short nonfiction composition in which a theme is developed or an idea is expressed. Submit one essay, maximum length –500 words.

- **Feature Story** -- Nonfiction human-interest story judged on interest to readers, writing style, readability, and thoroughness of coverage. Submit one story, maximum length –1,000 words.

	Blue	Red	White
	4x	3x	2x

COMMUNICATIONS READY4LIFE CHALLENGE

Open to 11- to 18-year-olds enrolled in any Computer project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

	4x	3x	2x
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COMMUNICATIONS MAKER

Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogramed to perform a different function other than what it was designed to do)
- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are **HIGHLY** encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also **HIGHLY** encouraged that exhibits use Open Source Software and/or Hardware in the build.

***Indicates ineligibility for State Fair. This project is a county exhibit opportunity only.**

THE BEST CREATIVE ARTS PROJECT PLAQUE WILL BE AWARDED FOR AN EXHIBIT IN EITHER COMMUNICATIONS, CREATIVE WRITING, JOURNALISM OR THEATRE ARTS.

DIVISION: COMPUTER SCIENCE

The following classes are for 4-H youth 8 to 18 years of age. Computer Science projects will be judged on **Wednesday, July 8, 2020.**

***Indicates ineligibility for State Fair. This project is a county exhibit opportunity only.**

Three 4-H'ers can be selected for the Illinois State Fair from the Computer classes. One 4-H'er can be selected for the Illinois State Fair from the Computer Science Ready4Life Challenge.

Exhibitors may bring computer equipment for demonstration purposes. Computers will not be furnished. Internet connections are not available for use by exhibitors. Any member found to be using computer software in a manner that infringes on copyright laws will be disqualified. 4-H'ers are limited to receive one premium per class exhibited in premium eligible projects.

	Blue	Red	White
*BEGINNING VISUAL PROGRAMMING	4x	3x	2x
Open to youth in Computer Science Visual Based Programming Exhibit a simple program using Scratch (or other simple graphic programming language). The program should include 8 different commands including looping and getting input from the keyboard and mouse. All exhibits must include something visual, such as a poster or printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.			

	Blue	Red	White
INTERMEDIATE VISUAL PROGRAMMING	4x	3x	2x
Open to youth in Computer Science Visual Based Programming Exhibit a program using Scratch (or other simple graphic programming) that you have downloaded from the internet and modified. Compare the two programs and demonstrate the changes you made to the original program; OR create an animated storybook using Scratch (or other simple graphical programming language). All exhibits must include something visual, such as a poster or printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.			

	Blue	Red	White
ADVANCED VISUAL PROGRAMMING	4x	3x	2x
Open to youth in Computer Science Visual Based Programming Exhibit a video game you have created in Scratch (or other simple graphic programming). All exhibits must include something visual, such as a poster or printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.			

	Blue	Red	White
WEBSITE DESIGN	4x	3x	2x
Open to youth in Computer Science Visual or Text Based Programming Exhibit an original website that you have designed. Internet access will not be provided, so			

exhibitors must supply their own internet hot spot or the website must be hosted on the exhibitor's computer). All exhibits must include something visual, such as a poster or printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

COMPUTER OPEN SOURCE/INNOVATION CS

4x 3x 2x

Open to youth enrolled in computer science Text-Based Programming or robotics project. Demonstrate the skills and knowledge you have gained through the Computer project. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. Exhibits in this class may also demonstrate successful application of open source (publicly available) computing software and/or hardware, such as Raspberry Pi and Linux, to accomplish a task. All exhibits must include something visual, such as a poster or printed copy of a digital presentation or programming flowchart, which will remain on display during the exhibition. Exhibits in this area will be judged on the computer science programming. Youth enrolled in a robotics project should choose this class if you want the exhibit to be judged on the programming of the robot. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

COMPUTER SCIENCE READY4LIFE CHALLENGE

4x 3x 2x

Open to 11- to 18-year-olds enrolled in any Computer project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

COMPUTER SCIENCE MAKER

4x 3x 2x

Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogrammed to perform a different function other than what it was designed to do)
- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)

- Exhibits MUST include a detailed build log with instructions on how to make or build the exhibit, AND contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build MUST be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are HIGHLY encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also HIGHLY encouraged that exhibits use Open Source Software and/or Hardware in the build.

THE BEST STEM PROJECT PLAQUE WILL BE AWARDED FOR AN EXHIBIT IN EITHER COMPUTER SCIENCE, ROBOTICS, 3-D PRINTING OR DRONES.

DIVISION: CONSUMER ED

The following classes are for 4-H youth 8 to 18 years of age. Consumer Ed projects will be judged on **Wednesday, July 8, 2020.**

Two 4-H'ers can be selected for the Illinois State Fair from the Consumer Ed classes. One 4-H'er can be selected for the Illinois State Fair from the Consumer Education Ready4Life Challenge.

***Indicates ineligibility for State Fair. This project is a county exhibit opportunity only.**

- | | Blue | Red | White |
|---|-----------|-----------|-----------|
| MY FINANCIAL FUTURE - BEGINNER | 4x | 3x | 2x |
| Develop a Financial Planning portfolio which includes the items listed below. This project can be completed all in one year; or a member may take several years to explore each of the activities and develop a more detailed financial plan. The original OR photocopies of the completed activities from the project manual should be included in the portfolio. Each year enrolled in the project should build on previous year experiences. | | | |
| <ul style="list-style-type: none"> • First Year – Complete a minimum of Activities 1-6 from the My Financial Future – Beginner project manual which includes: Who Needs This?; Let's get SMART; Bringing Home the Bacon; Managing Your Money Flow; My Money Personality; and Money Decisions. • Second Year and Beyond – Complete a minimum of Activities 7-11 from the My Financial Future – Beginner project manual which includes: Banking your \$\$\$\$\$; Charging it Up; Check it Out; Better than a Piggy Bank!; and My Work; My Future. | | | |

- | | | | |
|---|-----------|-----------|-----------|
| MY FINANCIAL FUTURE – ADVANCED | 4X | 3X | 2X |
| Building on your previous work in My Financial Future – Beginner project, continue adding to your Financial Planning portfolio which includes the items listed below. Members are | | | |

encouraged to spend more than one year involved in this project so they have time to thoroughly explore the learning modules and develop a greater understanding of financial literacy, planning for their future, and develop a comprehensive career and financial planning portfolio. The original OR photocopies of the completed activities from the project manual should be included in the portfolio. Each year enrolled in the project should build on previous year's learning experiences.

- **First Year** – Complete a minimum of two activities from Module 1: Earning Income and Career Planning and Module 2: Organizing Your Flow.
- **Second Year** – Complete all activities not previously completed in Module 1: Earning Income and Career Planning and Module 2: Organizing Your Flow; AND a minimum of two the activities from Module 3: Working with Banks and Credit Unions: Bank on It and Module 4: Making Your \$ Work 4 U.
- **Third Year and beyond** – Complete all activities not previously completed in Module 3: Working with Banks and Credit Unions: Bank on It and Module 4: Making Your \$ Work 4 U; AND a minimum of two activities from Module 5: Credit and Consumer Breadcrumbs.

*** ENTREPRENEURSHIP - BE THE E**

4x 3x 2x

Exhibit a binder portfolio that includes the results of at least two completed activities from each year the exhibitor has been enrolled in the project. Completed activities from previous years should be included. Use of page protectors is recommended.

CONSUMER ED READY4LIFE CHALLENGE

4x 3x 2x

Open to 11- to 18-year-olds enrolled in any Consumer Education project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

CONSUMER ED MAKER

4x 3x 2x

Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogramed to perform a different function other than what it was designed to do)
- Exhibit **MUST** be able to interact with the outside world. (ex. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build

the exhibit, AND contain either a 3D rendering or detailed and labeled sketches of the device/product.

- All parts and software used in the design/build MUST be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are HIGHLY encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also HIGHLY encouraged that exhibits use Open Source Software and/or Hardware in the build.

THE BEST CAREER & LEADERSHIP PROJECT PLAQUE WILL BE AWARDED FOR AN EXHIBIT IN EITHER COLLEGE & CAREER READINESS, CONSUMER ED OR LEADERSHIP

The Department of Agriculture shall use its best efforts to secure sufficient appropriations to fund premiums. In any year for which the General Assembly of the State of Illinois fails to make an appropriation sufficient to pay such premiums, premiums amounts may not be accurately reflected in this Premium Book.

DIVISION: CROPS

The following classes are for 4-H youth 8 to 18 years of age. Crops projects will be judged on **Wednesday, July 8, 2020.**

Three 4-H'ers can be selected for the Illinois State Fair from the following crop classes. One 4-H'er can be selected for the Illinois State Fair from the Crops Ready4Life Challenge.

All Crops exhibited must have been grown and cared for by the exhibitor as part of their current 4-H Crops project. Popcorn and sweet corn should be exhibited in Horticulture classes.

	Blue	Red	White
SOYBEANS - ALL UNITS	4x	3x	2x
Exhibit 5 fresh soybean plants (include root system that is washed) that are representative of member's 4-H project field OR exhibit an experimental or educational project related to one experience from your project. Include explanation of the project in a report for public understanding. Include the member's crop records with the exhibit, such as the 4-H Crop record found online @ 4-H.illinois.edu, an FFA crops record or similar information. (Please remove plants to dumpster outside building after show.)			

	4x	3x	2x
CORN - ALL UNITS			
Exhibit 2 fresh corn plants of field corn (include root system that is washed) that are representative of member's 4-H project field OR exhibit and experimental or educational project related to one experience from your project. Include explanation of the project in a report for public understanding. Popcorn and sweet corn should be exhibited in Vegetable Market Basket or Vegetable Plate. Include the member's crop records with			

the exhibit, such as the 4-H Crop record found online @ 4-H.illinois.edu, an FFA crops record or similar information. (Please remove plants to dumpster outside building after show.)

SMALL GRAIN

4x 3x 2x

Exhibit one gallon of the current year's crop of oats, wheat, rye, or barley that is representative of the member's 4-H project field; OR exhibit an experimental or educational project related to one experience from your project. Include explanation of the project in a report for public understanding. Include the member's crop records with the exhibit, such as the 4-H Crop record found online @ 4-H.illinois.edu, an FFA crops record or similar information.

CROPS INNOVATION CLASS

4x 3x 2x

Open to youth who are enrolled in any Crops project. Demonstrate the skills and knowledge you have gained through the Crops project. This could be related to, but not limited to crop production, crop utilization or topics of interest to the member related to agronomy. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

CROPS READY4LIFE CHALLENGE

4x 3x 2x

Open to 11- to 18-year-olds enrolled in any Crops project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

CROPS MAKER

4x 3x 2x

Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogrammed to perform a different function other than what it was designed to do

- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are **HIGHLY** encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also **HIGHLY** encouraged that exhibits use Open Source Software and/or Hardware in the build.

THE BEST ENVIRONMENTAL SCIENCES PROJECT PLAQUE WILL BE AWARDED FOR AN EXHIBIT IN EITHER CROPS, FLORICULTURE OR VEGETABLE GARDENING.

DIVISION: ELECTRICITY

The following class is for 4-H youth 8 to 18 years of age. Electricity projects will be judged on **Wednesday, July 8, 2020.**

Three 4-H'ers can be selected for the Illinois State Fair from Electricity classes. One 4-H'er can be selected for the Illinois State Fair from the Electricity Ready4Life Challenge.

It is strongly suggested that members use recommended construction details including proper color coding provided by the Energy Education Council (EEC) that have been provided on the EEC 4-H website; <http://www.energycouncil.org/4-H.html>. 4-H'ers are limited to receive one premium per class exhibited in premium eligible projects.

***Indicates ineligibility for State Fair. County exhibit only.**

	Blue	Red	White
ELECTRICITY 1	4x	3x	2x
(May only be battery-powered projects using battery components and wiring). Exhibit a momentary switch, simple switch, basic circuit, electromagnet, galvanometer, OR an electric motor. All projects must include a report explaining how the project was constructed and the principles demonstrated. Recommendations can be found on the website. Projects using paper clips, cardboard, thumbtacks, & brads are not eligible for state fair exhibits in electricity. Members wishing to exhibit these types of projects should consider exhibiting in Junkdrawer Robotics 1 or 2.			

	4x	3x	2x
ELECTRICITY 2			
(May only be battery-powered projects using battery components and wiring) Exhibit a circuit board demonstrating parallel and series switches, including a circuit diagram; 3-way or 4-way switch circuit using DC/battery; OR a basic electrical device (examples:			

rocket launcher, burglar alarm, etc). All projects must include a report explaining how the project was constructed and the principles demonstrated. Recommendations can be found on the website. Projects using paper clips, cardboard, thumbtacks, & brads are not eligible for state fair exhibits in electricity. Members wishing to exhibit these types of projects should consider exhibiting in Junkdrawer Robotics 1 or 2.

ELECTRICITY 3

4x 3x 2x

Exhibit a 120V lighting fixture or other appliance which uses a switch; OR two electrical household circuits using 120V materials to comply with National Electrical Code, one with a simple on/off switch to control bulb, and one using 3-way switches to control light from two locations; OR other project which demonstrates principles in the Wired for Power book. All electricity projects must include a report, explaining how the project was constructed, and principles for its operation. Recommendations can be found on the website.

***ELECTRICITY 4**

4x 3x 2x

Exhibit any electronic or solid state appliance. Exhibitor must be able to explain how the project was constructed, how it is to be used and how it works. When project is being constructed, general safety and workmanship should be considered.

ELECTRICITY READY4LIFE CHALLENGE

4x 3x 2x

Open to 11- to 18-year-olds enrolled in any Electricity project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

ELECTRICITY MAKER

4x 3x 2x

Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogramed to perform a different function other than what it was designed to do)
- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the

device/product.

- All parts and software used in the design/build MUST be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are HIGHLY encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also HIGHLY encouraged that exhibits use Open Source Software and/or Hardware in the build.

*Indicates ineligibility for State Fair. County exhibit only.

THREE BEST STEM PROJECT PLAQUES WILL BE AWARDED FOR EXHIBITS IN EITHER AEROSPACE, BICYCLE, ELECTRICITY, SMALL ENGINES, TRACTOR OR WELDING.

DIVISION: ENTOMOLOGY - GENERAL

The following classes are for 4-H youth 8 to 18 years of age. Entomology projects will be judged on **Wednesday, July 8, 2020.**

Two 4-H'ers can be selected for the Illinois State Fair from Entomology classes. One 4-H'er can be selected for the Illinois State Fair from the Entomology Ready4Life Challenge.

Size and number of exhibit cases should related appropriately to the number of insects being displayed for a specified class. Cases should be no deeper than 4". Exhibitors should note that Entomology exhibits may be placed upright for display. 4-H'ers are limited to receive one premium per class exhibited in premium eligible projects.

	Blue	Red	White
ENTOMOLOGY 1:	4x	3x	2x
Exhibit 15 or more species representing four or more orders. Collection must be accurately labeled. Exhibitors must also include the Entomology 1 project manual, Teaming With Insects 1, with at least one completed activity for each year enrolled. The project manual must be included. Rules for pinning and labeling insects are available from your local Extension office.			

	4x	3x	2x
ENTOMOLOGY 2:			
Exhibit 30 or more species representing eight or more orders. Collection must be accurately labeled. Exhibitors must also include the Entomology 2 project manual, Teaming With Insects 2, with at least one completed activity for each year enrolled. The project manual must be included. Rules for pinning and labeling insects are available from your local Extension office.			

	4x	3x	2x
ENTOMOLOGY 3:			
Exhibit 60 or more species representing twelve or more orders. Collection must be accurately labeled. Exhibitors must also include the Entomology 3 project manual,			

Teaming With Insects 3, with at least one completed activity for each year enrolled. The project manual must be included. Rules for pinning and labeling insects are available from your local Extension office.

ENTOMOLOGY DISPLAY

4x 3x 2x

Open to youth enrolled in Entomology 1, Entomology 2 or Entomology 3

Exhibit any activity or display related to Entomology that does not fit into Entomology Classes 1, 2 or 3 above. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

ENTOMOLOGY READY4LIFE CHALLENGE

4X 3X 2X

Open to 11- to 18-year-olds enrolled in any Entomology project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

ENTOMOLOGY MAKER

4x 3x 2x

Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogramed to perform a different function other than what it was designed to do)
- Exhibit **MUST** be able to interact with the outside world. (ex. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are **HIGHLY** encouraged to use tools such as 3-D printers, laser

cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also HIGHLY encouraged that exhibits use Open Source Software and/or Hardware in the build.

DIVISION: ENTOMOLOGY – BEEKEEPING

The following classes are for 4-H youth 8 to 18 years of age. Beekeeping projects will be judged on **Wednesday, July 8, 2020**.

Two 4-H'ers can be selected for the Illinois State Fair from Beekeeping classes. One 4-H'er can be selected for the Illinois State Fair from the Beekeeping Ready4Life Challenge.

Create an exhibit that shows the public what you learned in the beekeeping project this year. **Note:** No bee hives may be exhibited. (Honey water content will be measured.) Fill level: the honey should be filled to the jar shoulder, not over, nor under. Chunk honey should go in a wide-mouth jar, preferably one specially made for chunk honey (see beekeeping catalogs). Be careful to distinguish “chunk honey” (comb in jar) from “cut comb” (comb only in box). *Honey exhibited (including chunk, cut comb, and comb) must be collected since the previous year fair.*

- | | | | |
|---------------------|-------------|------------|--------------|
| BEEKEEPING 1 | Blue | Red | White |
| | 4X | 3X | 2X |
- Exhibit an educational display for one (1) of the following:
- Flowers Used to Make Honey. Display pressed flowers from ten (10) different Illinois plants that bees use for making honey.
 - Uses of Honey and Beeswax.
 - Setting Up a Bee Hive.
 - Safe Handling of Bees.
 - Equipment needed by a Beekeeper.

- | | | | |
|---------------------|-----------|-----------|-----------|
| BEEKEEPING 2 | 4X | 3X | 2X |
|---------------------|-----------|-----------|-----------|
- Exhibit one (1) of the following:
- Extracted Honey: Three (3) 1# jars, shown in glass, screw-top jars holding 1 # of honey each.
 - Chunk honey (comb in jar): Three (3) 1# jars (wide-mouth glass jars).
 - Cut-comb honey: Three (3) 1# boxes (boxes are usually 4 ½" x 4 ½").
 - Working with Honey Bees. Present a topic from your manual to teach fairgoers about working with honey bees. Use your knowledge and creativity to display this information on a poster or in a notebook.

- | | | | |
|---------------------|-----------|-----------|-----------|
| BEEKEEPING 3 | 4X | 3X | 2X |
|---------------------|-----------|-----------|-----------|
- Exhibit three (3) of the four (4) kinds of honey listed below (#1-4) or prepare an educational display about honey bees or beekeeping.
1. Extracted Honey: Three (3) 1# jars (glass)
 2. Chunk Honey (comb in a jar): Three (3) 1# jars (wide-mouth glass)

3. Cut-comb Honey: Three (3) 1# boxes (boxes are usually 4 ½" x 4 ½" in size).
4. Comb Honey- 3 sections (honey built by bees in frames of wood commonly called "sections" (boxes are usually 4 ½" x 4 ½" in size) **or**
5. Prepare an educational display about honey bees or beekeeping.

ENTOMOLOGY BEEKEEPING READY4LIFE CHALLENGE 4X 3X 2X

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BEEKEEPING MAKER 4x 3x 2x

Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogramed to perform a different function other than what it was designed to do
- Exhibit **MUST** be able to interact with the outside world. (e.g.. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are **HIGHLY** encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also **HIGHLY** encouraged that exhibits use Open Source Software and/or Hardware in the build.

The Department of Agriculture shall use its best efforts to secure sufficient appropriations to fund premiums. In any year for which the General Assembly of the State of Illinois fails to make an appropriation sufficient to pay such premiums, premiums amounts may not be accurately reflected in this Premium Book.

DIVISION: EXPLORATORY*

The following classes is for 4-H youth 8 to 18 years of age. Exploratory projects will be judged on **Wednesday, July 8, 2020.**

*Indicates ineligibility for State Fair. County exhibit only.

***EXPLORATORY: WELCOME TO 4-H**

Blue Red White
4x 3x 2x

Youth ages 8 – 10 may exhibit a display on one of the following topics from the project book.

- windowsill gardening;
- 4-H animals;
- 4-H family; **OR**
- coat of arms

***EXPLORATORY: COLLECTIBLES**

4x 3x 2x

Bring your completed project book and your collection or examples of your collection (if it is too large to bring) with pictures of total collection, OR an exhibit or poster illustrating one feature of the project.

*Indicates ineligibility for State Fair. County exhibit only.

The Department of Agriculture shall use its best efforts to secure sufficient appropriations to fund premiums. In any year for which the General Assembly of the State of Illinois fails to make an appropriation sufficient to pay such premiums, premiums amounts may not be accurately reflected in this Premium Book.

DIVISION: FAMILY HERITAGE

The following classes are for 4-H youth 8-18 years of age. Foods & Nutrition projects will be judged on **Wednesday, July 8, 2020.**

One 4-H can be selected for the Illinois State Fair from any of the Family Heritage classes. One 4-H'er can be selected for the Illinois State Fair from the Family Heritage Ready4Life Challenge.

FAMILY HERITAGE

Blue Red White
4x 3x 2x

Prepare an exhibit of items, pictures, maps, charts, slides/tapes, drawings, illustrations, writings or displays that depict the heritage of the member's family or community or 4-H history. Please note: Exhibits are entered at 4-H'ers own risk. 4-H is not responsible for loss or damage to family heirloom items or any items in this division. Displays should not be larger than 22" x 28" wide. If the size needs to be a different size because the historical item is larger than 22'x28" please contact the superintendents for approval.

FAMILY HERITAGE READY4LIFE CHALLENGE**4x 3x 2x****Open to 11- to 18-year-olds enrolled in any Family Heritage project.**

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

FAMILY HERITAGE MAKER**4x 3x 2x****Counties may submit 3 entries TOTAL combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and MUST be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device MUST be modified structurally or be reprogrammed to perform a different function other than what it was designed to do)
- Exhibit MUST be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits MUST include a detailed build log with instructions on how to make or build the exhibit, AND contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build MUST be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are HIGHLY encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also HIGHLY encouraged that exhibits use Open Source Software and/or Hardware in the build.

THE BEST GLOBAL CIVIC ENGAGEMENT PROJECT PLAQUE WILL BE AWARDED FOR AN EXHIBIT IN EITHER PASSPORT TO THE WORLD, CIVIC ENGAGEMENT, SERVICE LEARNING, DIVERSITY & CULTURAL AWARENESS OR FAMILY HERITAGE.

The Department of Agriculture shall use its best efforts to secure sufficient appropriations to fund premiums. In any year for which the General Assembly of the State of Illinois fails to make an appropriation sufficient to pay such premiums, premiums amounts may not be accurately reflected in this Premium Book.

DIVISION: FOODS & NUTRITION

The following classes are for 4-H youth 8-18 years of age. Foods & Nutrition projects will be judged on **Wednesday, July 8, 2020**.

Seven 4-H'ers can be selected for the Illinois State Fair from any of the Food & Nutrition classes. One 4-H'er can be selected for the Illinois State Fair from the Foods Nutrition Ready4Life Challenge.

***Exhibitors in 4-H Cooking 101, 201, 301 or 401 have the option to prepare and show two foods per project area.** Example: A 4-H member in 4-H Cooking 101 can bake and show a coffeecake and 3 cookies (or any combination of 2 out of the 3 eligible items).
NOTE: To help us better prepare for judging this year we are **requiring** everyone to let us know what type of item you will be exhibiting. On your entry form please write the project (example: 4-H Cooking 101) and the actual item you are bringing (example: 3 cookies).

All food entries, except frozen and canned foods, should be placed on a disposable plate (appropriate for the size of the exhibit) and put in a plastic bag. Entries are limited to two per project.

	Blue	Red	White
4-H COOKING 101	4x	3x	2x

Using the recipes included in the project manual, prepare an exhibit of 3 cereal marshmallow bars AND/OR $\frac{1}{4}$ of 8" square or round coffeecake AND/OR 3 cookies. **No icing should be used on any products.** Bars, coffeecake, or cookies should be displayed on a disposable plate placed in a zip-sealing plastic bag In addition to your food exhibit, complete the *What's on Your Plate? Activity* on pages 10-11 in the 4-H Cooking 101 project manual. Bring a document with printed pictures of your 3 or more plates and answers to questions 1-7 to remain on display with your project. The words on the plates must be legible and clearly visible in the picture. Pictures, graphics or photos are acceptable.

	Blue	Red	White
4-H COOKING 201	4x	3x	2x

Using the recipes included in the project manual, prepare an exhibit of 3 cheese muffins AND/OR 3 scones AND/OR $\frac{1}{2}$ loaf (9" x5") of basic nut bread. Bread, muffins, or scones should be displayed on a disposable plate placed in a zip-sealing plastic bag. In addition to your food exhibit, complete the *Experiment with Meal Planning Activity* on page 91 in the 4-H Cooking 201 project manual. Bring either page 91 with your completed answers or a document with the answers to remain on display with your project along with a picture of a meal you prepared. You don **not** need to complete the *Challenge Yourself* section on page 91.

	Blue	Red	White
4-H COOKING 301	4x	3x	2x

Using the recipes included in the project manual, prepare an exhibit of 3 dinner rolls OR loaf of yeast bread AND/OR 1 tea ring AND/OR 3 sweet rolls AND/OR one layer of a Rich White Cake or Rich Chocolate Cake, top side up (**without frosting**), If icing is used

on the tea ring or sweet rolls, the recipe for the icing must also come from the book. The yeast bread/roll dough may be prepared in a bread making machine; however prepared mixes are not permitted. Display exhibit on a disposable plate or pie tin and place in a zip-sealing plastic bag. In addition to your food exhibit, complete one of the six experiments: *Experiment with Flour* p.33-34, *Experiment with Kneading* p.35-36, *Experiment with Yeast* p.37-38 or 39, *Experiment with Butter* p.62-63 or *Experiment with Cheese* p.104-105. Bring a document with a printed picture of your experiment and the answers to the experiment questions to remain on display with your project.

4-H COOKING 401

4x 3x 2x

Using the recipes included in the project manual, prepare an exhibit of ¼ of a 15" x 10" loaf of focaccia bread (do not include dipping oil), AND/OR one baked pie shell – traditional, oil, or whole wheat (no graham cracker) AND/OR ¼ Golden Sponge Cake, top side up, without frosting AND/OR ½ loaf French Bread. Display exhibit on disposable plate and place in a zip-sealing plastic bag. In addition to your food exhibit, pick one of the recipes from Cooking 401 that is not a choice for exhibit. Make the recipe and take a picture of the results. Bring a document with a printed picture of the food you made from the recipe and the answers to the following two questions:

1. If you make the recipe again, what would you do differently?
2. What did you learn that can help you in other ways besides preparing food?

FOOD SCIENCE 1 - 4

4x 3x 2x

Prepare a display, digital presentation, or poster on one of the food science experiments from the manual that you completed. Share 1) the food science question you investigated; 2) process used to conduct the experiment; 3) results and observations; 4) what you learned; and 5) how you have applied this information. You must furnish any equipment you need for the exhibit. Internet service is not provided. All exhibits must include something visual, such as a printed copy of a digital presentation. Electronic equipment will only be used during your judging time and will not remain on display during the exhibit period.

SPORTS NUTRITION

4x 3x 2x

Prepare a display, digital presentation, or poster on one of the activity chapters in the manual that you completed. The activity chapters are listed by page number in the table of contents. Your exhibit should include, at minimum, information on one physical fitness component and one food/recipe component from the activity chapter. The exhibit should include the project manual with the pages of the activity completed. You may also include live demonstration of physical activities. Do not bring food made using the recipes, but consider adding pictures of the completed recipes to your exhibit. You must furnish any equipment you need for the exhibit. Internet service is not provided. All exhibits must include something visual, such as a printed copy of a digital presentation. Electronic equipment will only be used during your judging time and will not remain on display during the exhibit period.

FOOD PRESERVATION

4x 3x 2x

Prepare an exhibit using ONE of the following food preservation methods: canning; freezing; drying; pickles/relishes; jams, jellies and preserves **OR** a combination of these (see Preservation Combination option below), excluding Freezing. **No freezer jam**

exhibits will be allowed for Freezing; Jams, Jellies, and Preserves; or for the Preservation Combination options.

- **Canning** – The exhibit should include two different canned foods in appropriate jars for the products. Food may be fruit, vegetable, or tomato product (i.e. salsa, juice, etc.).
- **Freezing** – Prepare a nutrition display that illustrates a freezing principle. There is NOT a food exhibit option for this preservation method.
- **Drying** – Exhibit two (2) different dried foods packed in plastic food storage bags. Choose from fruit, vegetable, fruit leather or meat jerky.
- **Pickles and Relishes** – Exhibit two pint jars of different recipes of pickles and/or relishes.
- **Jams, Jellies, and Preserves** – Exhibit half-pint jars of two different jams, jellies, and/or preserves.
- **Preservation Combination** – Exhibit two different preserved food products, excluding Freezing, in appropriate jars/packaging (drying). For example, exhibit 1 jar of tomatoes (Canning) and 1 half-pint of jelly (Jams, Jellies, and Preserves).

All preserved products should be prepared and processed according to the current USDA/Extension information. USDA information on preserving food, including recipes, can be found at: www.homefoodpreservation.com or web.extension.illinois.edu/foodpreservation/. Recipes must be processed in a water-bath or pressure canner.

All food exhibits must be labeled with: 1) The name of the food; 2) The date preserved; 3) Appropriate method(s) of food preservation (For canned projects: boiling water bath or pressure canner; For drying projects: Specify equipment used (food dehydrator, oven, etc.)

Examples:

- Strawberry jam, boiling water bath. July 13, 2018.
- Green beans, pressure canner. July 13, 2018.
- Beef jerky, food dehydrator and oven. July 13, 2018.

All food exhibits must be accompanied with the recipe(s) – typed or written, with the source of the recipe(s) listed.. **Required Recipes and Sources for Food Preservation Exhibits** – all food preservation recipes be from an approved source. Those sources are:

- *PUT IT UP! Food Preservation for Youth* manuals
- U.S. Department of Agriculture (USDA)
- National Center for Home Food Preservation
- Ball/Kerr Canning (recipes after 1985)
- Mrs. Wages

DO NOT BRING RECIPES FROM: Magazine or newspaper clippings, Pinterest (unless it is from a source listed above). Grandma's or a recipe from a family member or friend without a source, cookbooks (excluding the Ball, Kerr and Put it Up! book).

Canning Equipment Requirements: All canned products must be canned in clear, standard jars in good condition (no chips or cracks). Jars must be sealed using two-piece canning lids (flat lid and band). Must use a new, unused flat lid. Bands must not be rusty or severely worn.

	Blue	Red	White
	4x	3x	2x

FOODS INNOVATION CLASS:

Open to youth are enrolled in any Foods project. Demonstrate the skills and knowledge you have gained through the project. The exhibit may include, but isn't limited to original recipes, results of experiments not in the foods project books, variations on recipes or experimenting with unique cooking or baking methods. Your work can be displayed by a food product, demonstration, digital presentations, performances, or posters with you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. If you bring a food product, the food will NOT be tasted.

	4x	3x	2x
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FOODS NUTRITION READY4LIFE CHALLENGE

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	4x	3x	2x
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FOODS MAKER

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- Exhibits MUST include a detailed build log with instructions on how to make or build the exhibit, AND contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build MUST be listed in a detailed Bill of

Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are HIGHLY encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process **(NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project)**. It is also HIGHLY encouraged that exhibits use Open Source Software and/or Hardware in the build.

AWARDS

The Top 15% exhibits in the Cooking 101 food project will be presented awards.

The top exhibits in Food Preservation: Jams & Jellies, Canning or Freezing Fruits, Canning or Freezing Vegetables will receive Ball Fresh Preserving Awards from Jarden Home Brands.

THREE BEST HEALTHY LIVING & NUTRITION PROJECT PLAQUES WILL BE AWARDED FOR EXHIBITS IN CHILD DEVELOPMENT, FOOD & NUTRITION OR HEALTH.

DIVISION: FORESTRY

The following classes are for 4-H youth 8 to 18 years of age. Forestry projects will be judged on Wednesday, July 8, 2020.

One 4-H'er can be selected for the Illinois State Fair from the Forestry classes. One 4-H'er can be selected for the Illinois State Fair from the Forestry Ready4Life Challenge.

	Blue	Red	White
FOREST OF FUN 1	4x	3x	2x
Exhibit any product or display illustrating an activity from the book. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.			

FOREST OF FUN 2	4x	3x	2x
Exhibit any product or display illustrating an activity from the book. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital			

presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

FOREST OF FUN 3

4x 3x 2x

Exhibit any product or display illustrating an activity from the book. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

FORESTRY READY4LIFE CHALLENGE

4x 3x 2x

Open to 11- to 18-year-olds enrolled in any Forestry project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

FORESTRY MAKER

4x 3x 2x

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- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogramed to perform a different function other than what it was designed to do)
- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are **HIGHLY** encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process

(NOTE: Simply 3-D printing or laser cutting an object without the other

specifications does not qualify as a Maker Project). It is also HIGHLY encouraged that exhibits use Open Source Software and/or Hardware in the build.

THE BEST ENVIRONMENTAL SCIENCE PROJECT PLAQUE WILL BE AWARDED FOR AN EXHIBIT IN EITHER FORESTRY, EXPLORING YOUR ENVIRONMENT, GEOLOGY, NATURAL RESOURCES, OUTDOOR ADVENTURES, SPORTSFISHING OR WILDLIFE. THE PLAQUE IS SPONSORED BY DEKALB COUNTY SOIL AND WATER CONSERVATION.

DIVISION: GEOLOGY

The following classes are for 4-H youth 8 to 18 years of age. Geology projects will be judged on **Wednesday, July 8, 2020**

Three 4-H'ers can be selected for the Illinois State Fair from the following Geology classes. One 4-H'er can be selected for the Illinois State Fair from the Geology Ready4Life Challenge.

Size and number of exhibit cases should relate appropriately to the number of specimens being displayed for a specified class. Specimens are not limited to Illinois locations. All levels of Geology use the same manual, Geology – Introduction to the Study of the Earth. 4-H'ers are limited to receive one premium per class exhibited in premium eligible projects.

	Blue	Red	White
PEBBLE PUPS 1	4x	3x	2x
Display 8 to 19 rocks or mineral specimens with 3 minerals in the collection. Collection may include duplications that show variation. Label collection and note where found.			
PEBBLE PUPS 2	4x	3x	2x
Display at least 20, but no more than 29 rocks or mineral specimens with 7 minerals in the collections. Collection may include duplications that show variations. Label collection and note where found.			
ROCK HOUNDS 1	4x	3x	2x
Display at least 30, but no more than 40, rocks and mineral specimens with ten minerals in the collection. Rocks should include at least three igneous, two metamorphic, and three sedimentary groups. Label collection and note where found.			
ROCK HOUNDS 2	4x	3x	2x
This level is for those who have successfully completed Rock Hounds I. Display no more than 50 specimens that have been selected to illustrate a specific theme of the exhibitor's choosing. Be creative. Sample categories could include (but are not limited to): industrial minerals and their uses; a specific rock group and the variety that occurs in that group, including some minerals that occur in that environment; select fossils traced through the geologic ages; minerals and their crystal habits; rocks and minerals used in the lapidary arts.			

GEOLOGY INNOVATION CLASS:

Blue Red White
4x 3x 2x

Open to youth enrolled in Geology. Demonstrate the skills and knowledge you have gained through the Geology project. Exhibit may be the result of knowledge gained from project manuals; independent study about Illinois rock(s) and mineral(s), interaction with geology professionals; and/or individual exploration in the area of geology. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

GEOLOGY READY4LIFE CHALLENGE

4x 3x 2x

Open to 11- to 18-year-olds enrolled in the Geology project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

GEOLOGY MAKER

4x 3x 2x

Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogramed to perform a different function other than what it was designed to do)
- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are HIGHLY encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also HIGHLY encouraged that exhibits use Open Source Software and/or Hardware in the build.

THE BEST ENVIRONMENTAL SCIENCE PROJECT PLAQUE WILL BE AWARDED FOR AN EXHIBIT IN EITHER FORESTRY, EXPLORING YOUR ENVIRONMENT, GEOLOGY, NATURAL RESOURCES, OUTDOOR ADVENTURES, SPORTSFISHING OR WILDLIFE. THE PLAQUE IS SPONSORED BY DEKALB COUNTY SOIL AND WATER CONSERVATION.

The Department of Agriculture shall use its best efforts to secure sufficient appropriations to fund premiums. In any year for which the General Assembly of the State of Illinois fails to make an appropriation sufficient to pay such premiums, premiums amounts may not be accurately reflected in this Premium Book.

DIVISION: HEALTH

The following classes are for 4-H youth 8 to 18 years of age. Health projects will be judged on **Wednesday, July 8, 2020.**

Three 4-H'ers can be selected to attend the Illinois State Fair from the Health classes. One 4-H'er can be selected for the Illinois State Fair from the Health Ready4Life Challenge.

	Blue	Red	White
HEALTH 1	4x	3x	2x
Select four First Aid Skills and complete the activities for that section. Bring the project book and be prepared to discuss the completed sections. Exhibit a family first aid kit and be prepared to explain what each items is used for.			

	Blue	Red	White
HEALTH 2	4x	3x	2x
Select four Staying Healthy skills and complete the activities for that section. Bring the project book and be prepared to discuss the completed sections. Exhibit a "smarts" project as explained in the project manual.			

	Blue	Red	White
HEALTH 3	4x	3x	2x
Select four Keeping Fit Skills and complete the activities for that section. Bring the project book and be prepared to discuss the completed sections. Exhibit a poster or display on one of the Keeping Fit Skills.			

	Blue	Red	White
HEALTH INNOVATION CLASS	4x	3x	2x
Open to youth enrolled in Health 1, 2 or 3. Demonstrate the skills and knowledge you have gained through the Health project. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever			

method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

HEALTH READY4LIFE CHALLENGE

4x 3x 2x

Open to 11- to 18-year-olds enrolled in any Health project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

HEALTH MAKER

4x 3x 2x

Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogramed to perform a different function other than what it was designed to do)
- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are **HIGHLY** encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also **HIGHLY** encouraged that exhibits use Open Source Software and/or Hardware in the build.

THREE BEST HEALTHY LIVING & NUTRITION PROJECT PLAQUES WILL BE AWARDED FOR EXHIBITS IN CHILD DEVELOPMENT, FOOD & NUTRITION OR HEALTH.

DIVISION: HORTICULTURE: FLORICULTURE

The following classes are for 4-H youth 8 to 18 years of age. Floriculture projects will be judged on **Wednesday, July 8, 2020.**

Three 4-H'ers can be selected for the Illinois State Fair from the following floriculture classes. One 4-H'er can be selected for the Illinois State Fair from the Floriculture Ready4Life Challenge.

- | | Blue | Red | White |
|--|-----------|-----------|-----------|
| FLORICULTURE A | 4x | 3x | 2x |
| Exhibit one of the following options: | | | |
| <ul style="list-style-type: none">• Create a flower arrangement; either a round arrangement or a bud vase. No silk flowers are permitted; OR• Create a photo collage or a collection of pictures of flowers that you have raised. Label your flowers by name and tell if you started with a seed, cutting or transplants. Mount pictures on a poster board; OR• Exhibit in one container, 3 stems of blooms - each with attached foliage. Foliage that would go inside the container may be removed. All three blooms or stems should be the same variety, color, shape and size and must have been grown from seed, young seedling plants, bulbs or rhizomes by the exhibitor. (NOTE: Exhibitors choosing lilies should include no more than 2/3 of foliage for their exhibit.) | | | |
| FLORICULTURE B | 4x | 3x | 2x |
| Exhibit one of the following options: | | | |
| <ul style="list-style-type: none">• Create an artistic display of dried flowers explaining how each was dried; OR• Create a photo collage or collection of pictures of plants from your theme garden. Label your plants by name and explain how the plants were chosen to fit the theme. | | | |
| FLORICULTURE C | 4x | 3x | 2x |
| Exhibit one of the following options: | | | |
| <ul style="list-style-type: none">• Create a terrarium. Select plants should be started by the exhibitor from cuttings or seeds or as purchased plugs. The terrarium must be cared for by the exhibitor for at least 5 months. Exhibitor should be able to explain the different plant, soil, and environmental needs and watering requirements of a closed system; OR• Exhibit a plant that you propagated from cuttings, layering or division or started from seed. Create a photo board showing the progression of growth. Tips for vegetative propagation of houseplants can be found on the State 4-H Horticulture site at: https://4h.extension.illinois.edu/members/projects/horticulture | | | |
| FLORICULTURE D | 4x | 3x | 2x |
| Exhibit one of the following options: | | | |
| <ul style="list-style-type: none">• Create a centerpiece around a theme such as a wedding, holiday, birthday, etc. No silk flowers are permitted; OR• Create an exhibit of forced bulbs in a pot. | | | |

FLORICULTURE DISPLAY

4x 3x 2x

Open to youth enrolled in Floriculture A, Floriculture B, Floriculture C, and Floriculture D. Present an exhibit of the member's choice that focuses on some aspect of floriculture which does not fit in the categories above. The exhibit may include, but isn't limited to, dish gardens, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. *This exhibit can be done ONLY by 4-H'ers enrolled in Floriculture project that are NOT exhibiting in the Floriculture A, B, C & D exhibit opportunities.*

FLORICULTURE READY4LIFE CHALLENGE

4x 3x 2x

Open to 11- to 18-year-olds enrolled in any Floriculture project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

FLORICULTURE MAKER

4x 3x 2x

Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and MUST be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device MUST be modified structurally or be reprogramed to perform a different function other than what it was designed to do)
- Exhibit MUST be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits MUST include a detailed build log with instructions on how to make or build the exhibit, AND contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build MUST be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are HIGHLY encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does**

not qualify as a Maker Project). It is also HIGHLY encouraged that exhibits use Open Source Software and/or Hardware in the build.

THE BEST ENVIRONMENTAL SCIENCES PROJECT PLAQUE WILL BE AWARDED FOR AN EXHIBIT IN EITHER CROPS, HORTICULTURE, FLORICULTURE, PLANTS & SOIL SCIENCE OR VEGETABLE GARDENING.

The Department of Agriculture shall use its best efforts to secure sufficient appropriations to fund premiums. In any year for which the General Assembly of the State of Illinois fails to make an appropriation sufficient to pay such premiums, premiums amounts may not be accurately reflected in this Premium Book.

DIVISION: HORTICULTURE: VEGETABLE GARDENING

The following classes are for 4-H youth 8 to 18 years of age. Vegetable Gardening projects will be judged on **Wednesday, July 8, 2020**

Three 4-H'ers can be selected for the Illinois State Fair from the following Vegetable Gardening classes. One 4-H'er can be selected for the Illinois State Fair from the Vegetable Gardening Ready4Life Challenge.

All vegetables exhibited must have been grown by the exhibitor as part of their current gardening 4-H project. Exhibitors should be knowledgeable about various aspects of the vegetables, including but not limited to different varieties, soil testing, fertilizers used, etc. Vegetable exhibits should be prepared according to the Illinois Vegetable Garden Guide website: <https://4h.extension.illinois.edu/members/projects/horticulture> Waxes and oils may not be used on vegetables or fruits. **Any plant infested with insects will be removed from the exhibit area.** 4-H'ers are limited to receive one premium per class exhibited in premium eligible projects.

The Vegetable Display & Vegetable Plate Exhibits are limited to those enrolled in Vegetable Gardening A, B, C and D. 4-H members may exhibit ONCE in each of these exhibits.

VEGETABLE GARDENING A, B, C & D

VEGETABLE DISPLAY

**Blue Red White
4x 3x 2x**

1. Display must include 6 or more different vegetables. There may not be more than 2 different varieties of any vegetable. For example, red and white potatoes would be classified as two different varieties. Acorn squash and zucchini would be classified as two different vegetables.
2. The number and type of vegetable used must conform to the Vegetable Plate/Display list.
3. Exhibitors must provide the name and variety of all vegetables used (i.e. Cabbage –

Golden Acre; Cucumber, slicing – Straight Eight; Tomatoes, slicing – Rocky Top; Snap Beans – Contender, etc.).

4. This class is allowed a 2'6" x 2'6" space for display.

VEGETABLE PLATE

4x 3x 2x

1. Exhibit must include two single vegetable plates (Exhibitor will furnish the disposable plates.)
2. Number of vegetables on plates must conform to plate list below.
3. Only one variety on each plate.
4. An exhibitor cannot show two plates of the same type of vegetable. (i.e.: Cannot exhibit red and white potatoes or zucchini and straight neck squash.)

Each exhibitor will receive one ribbon and premium, which will be based on an overall average of the two plates.

- VEGETABLE PLATE/DISPLAY LIST -

When selecting vegetables for exhibition, keep in mind that the judge will evaluate them on the basis of cleanliness, uniformity, condition, quality, and trueness to variety.

(Lists are provided by UI Extension Horticulturists; Items are listed according to the correct definition of vegetables.)

Asparagus (5 spears)	Popcorn (5)
Beans, Lima (12 pods)	Potatoes (any variety) (5)
Beets (5)	Pumpkin (1)
Broccoli (1 head)	Rhubarb, trimmed stalks (3)
Brussels Sprouts (12 sprouts)	Rutabaga (5)
Cabbage (1 head)	Salsify (5)
Cauliflower (1 head)	Squash, summer (any variety) (3)
Carrots (5)	Sweet Corn, in husks (5)
Cucumber, pickling or slicing (5)	Tomatoes, slicing (5)
Eggplant (1)	Tomatoes, small fruited (12)
Garlic (5)	Turnip (5)
Kohlrabi (5)	Watermelon (1)
Lettuce (1 head or plant)	Squash, winter (Acorn, butternut, buttercup, spaghetti, Hubbard, Turks's Turban) (1)
Muskmelon incl. cantaloupe (1)	Beans, Snap, Green Pod or Golden Wax (12 pods)
Okra (12)	Greens (collard, endive, escarole, kale, mustard, spinach, Swiss chard) (1 plant)
Onions, large, dry (5)	Horseradish Root (1 marketable root specimen harvested this year)
Onions, green or set (12)	
Parsnips (5)	
Peas, (12 pods)	
Peppers, large fruited (bell/banana) (5)	
Peppers, small fruited (chili/cherry) (12)	

VEGETABLE GARDENING DISPLAY

4x 3x 2x

Open to youth in Vegetable Gardening A, B, C, or D. Present an exhibit of the member's choice that focuses on some aspect of vegetable gardening which does not fit in the categories above. The exhibit may include, but isn't limited to, original works, objects,

demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. *This exhibit can be done ONLY by 4-H'ers enrolled in the Vegetable Gardening project that are NOT exhibiting in the Vegetable Display or Vegetable Plate exhibit opportunities.*

VEGETABLE GARDENING READY4LIFE CHALLENGE **4x** **3x** **2x**

Open to 11- to 18-year-olds enrolled in any Vegetable Gardening project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

VEGETABLE GARDENING MAKER **4x** **3x** **2x**

Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogramed to perform a different function other than what it was designed to do)
- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are **HIGHLY** encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also **HIGHLY** encouraged that exhibits use Open Source Software and/or Hardware in the build.

THE BEST ENVIRONMENTAL SCIENCES PROJECT PLAQUE WILL BE AWARDED FOR AN EXHIBIT IN EITHER CROPS, HORTICULTURE, FLORICULTURE, PLANTS & SOIL SCIENCES OR VEGETABLE GARDENING.

DIVISION: INTERCULTURAL

The following classes are for 4-H youth 8 to 18 years of age. Intercultural projects will be judged on **Wednesday, July 8, 2020.**

One individual 4-H'er exhibit and one group exhibit can be selected for the Illinois State Fair from the Passport to the World classes. One 4-H'er can be selected for the Illinois State Fair from the Diversity & Cultural Awareness class. One 4-H'er can be selected for the Illinois State Fair from the Intercultural Ready4Life Challenge.

	Blue	Red	White
PASSPORT TO THE WORLD – INDIVIDUAL	4x	3x	2x
<p>Prepare a display illustrating what you have learned about a country's or U.S. region's geography, economy, agriculture, people, language, housing, culture, music, crafts, clothing, holidays or other aspect. Exhibit should be educational in nature and should not promote one's beliefs over another person's beliefs. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Include the project manual with completed sections that pertain to the exhibit information. Due to space restrictions, exhibits are limited to 2' 6" wide and 15" deep.</p>			
DIVERSITY & CULTURAL AWARENESS	4x	3x	2x
<p>Create a display or binder portfolio that illustrates the results of a minimum of three (3) completed activities from the project book. Due to space restrictions, exhibits are limited to 2' 6" wide and 15" deep.</p>			
INTERCULTURAL READY4LIFE CHALLENGE	4X	3X	2X
<p>Open to 11- to 18-year-olds enrolled in any Intercultural project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.</p>			
PASSPORT TO THE WORLD – CLUB	4X	3X	2X
<p>Includes <i>Passport to the World</i> and <i>Latino Cultural Arts Projects</i>: Exhibit a display illustrating the steps that the club has completed on the project selected for the year. Include a written outline or report of accomplishments and future goals. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what the club members have learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will</p>			

remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. The display must be accompanied by 3 or more club exhibitors at the time of the judge's critique. Club members should make a 5- to 10-minute presentation to the judge. All club members present for the judge's critique should be able to discuss the project and answer questions. Only club members present for judging who participate in the actual critique and presentation are eligible for ribbons and premiums. Due to space restrictions, exhibits are limited to 2' 6" wide and 15" deep.

INTERCULTURAL MAKER

4x 3x 2x

Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogramed to perform a different function other than what it was designed to do
- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are **HIGHLY** encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also **HIGHLY** encouraged that exhibits use Open Source Software and/or Hardware in the build.

THE BEST GLOBAL CIVIC ENAGEMENT PROJECT PLAQUE WILL BE AWARDED FOR AN EXHIBIT IN EITHER PASSPORT TO THE WORLD, CIVIC ENGGEMENT, SERVICE LEARNING, DIVERSITY & CULTRUAL AWARENESS OR FAMILY HERITAGE.

The Department of Agriculture shall use its best efforts to secure sufficient appropriations to fund premiums. In any year for which the General Assembly of the State of Illinois fails to make an appropriation sufficient to pay such premiums, premiums amounts may not be accurately reflected in this Premium Book.

DIVISION: INTERIOR DESIGN

The following classes are for 4-H youth 8 to 18 years of age. Interior Design projects will be judged on **Wednesday, July 8, 2020.**

Two 4-H'ers can be selected for the Illinois State Fair from the Interior Design classes. One 4-H'er can be selected for the Illinois State Fair from the Interior Design Ready4Life Challenge.

4-H'ers are limited to receive one premium per class exhibited in premium eligible projects.

	Blue	Red	White
DESIGN DECISIONS – BEGINNING	4x	3x	2x
Any exhibit must have been created or redesigned by the exhibitor as part of their current Interior Design 4-H project. Exhibitors should be knowledgeable about various aspects of the project. Exhibits could include items such as, but not limited to, comparison studies of different products or techniques; made accessories, wall-hangings, window coverings, or furniture items; refinished or redesigned furniture; or a plan to solve some type of interior design problem. Exhibit should be appropriate to the exhibitor's age, skills and ability in this project.			

	4x	3x	2x
DESIGN DECISIONS – INTERMEDIATE			
Any exhibit must have been created or redesigned by the exhibitor as part of their current Interior Design 4-H project. Exhibitors should be knowledgeable about various aspects of the project. Exhibits could include items such as, but not limited to, comparison studies of different products or techniques; made accessories, wall-hangings, window coverings, or furniture items; refinished or redesigned furniture; or a plan to solve some type of interior design problem. Exhibit should be appropriate to the exhibitor's age, skills and ability in this project.			

	4x	3x	2x
DESIGN DECISIONS – ADVANCED			
Any exhibit must have been created or redesigned by the exhibitor as part of their current Interior Design 4-H project. Exhibitors should be knowledgeable about various aspects of the project. Exhibits could include items such as, but not limited to, comparison studies of different products or techniques; made accessories, wall-hangings, window coverings, or furniture items; refinished or redesigned furniture; or a plan to solve some type of interior design problem. Exhibit should be appropriate to the exhibitor's age, skills and ability in this project.			

	4X	3X	2X
INTERIOR DESIGN INNOVATION CLASS			
Open to youth enrolled in Interior Design. Demonstrate the skills and knowledge you have gained through the Interior Design project. Your exhibit should not fit in the other exhibit options for this project. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used			

during your personal judging time and will not remain on display during the entire exhibit period.

INTERIOR DESIGN READY4LIFE CHALLENGE

4x 3x 2x

Open to 11- to 18-year-olds enrolled in the Interior Design project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

INTERIOR DESIGN MAKER

4x 3x 2x

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In addition, exhibitors are **HIGHLY** encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also **HIGHLY** encouraged that exhibits use Open Source Software and/or Hardware in the build.

THREE BEST CREATIVE ART PROJECT PLAQUES WILL BE AWARDED FOR EXHIBITS IN EITHER VISUAL ARTS OR INTERIOR DESIGN.

The Department of Agriculture shall use its best efforts to secure sufficient appropriations to fund premiums. In any year for which the General Assembly of the State of Illinois fails to make an appropriation sufficient to pay such premiums, premiums amounts may not be accurately reflected in this Premium Book.

DIVISION: LEADERSHIP

The following classes are for 4-H youth 8 to 18 years of age. Leadership projects will be judged on **Wednesday, July 8, 2020**

Three individual 4-H'ers and two additional group entries can be selected for the Illinois State Fair from the Leadership classes. One 4-H'er can be selected for the Illinois State Fair from the Leadership Ready4Life Challenge.

LEADERSHIP 1

Blue Red White
4x 3x 2x

Create a binder portfolio with a minimum of four (4) completed activities each year from the areas noted below. Build upon your previous year's work. Photocopies or original pages of the completed activities from the book should be included in the portfolio.

First Year – One activity from each of the following sections: Understanding Self; Communication; and Getting Along with Others, plus one of exhibitor's choice from the manual.

Second Year – One activity from each of the following sections: Getting Along with Others; Learning to Learn; and Making Decisions, plus one of exhibitor's choice from the manual.

Third Year – One activity from each of the following sections: Making Decisions; Managing; and Working with Groups, plus one of exhibitor's choice from the manual.

LEADERSHIP 2

4x 3x 2x

Building upon your previous work, continue adding to your binder portfolio with a minimum of four (4) completed activities each year from the areas noted below. Photocopies or original pages of the completed activities from the book should be included in the portfolio.

First Year – One activity from each of the following sections: Understanding Self; Communication; and Getting Along with Others, plus one of exhibitor's choice from the manual.

Second Year – One activity from each of the following sections: Getting Along with Others; Learning to Learn; and Making Decisions, plus one of exhibitor's choice from the manual.

Third Year – One activity from each of the following sections: Making Decisions; Managing; and Working with Groups, plus one of exhibitor's choice from the manual.

LEADERSHIP 3

4x 3x 2x

Building upon your previous year's work, continue adding to your binder portfolio with a minimum of four (4) completed activities each year, from the areas noted below.

Photocopies of original pages of the completed activities from the books should be included in the portfolio. Use of page protectors is recommended.

First Year – One activity from each of the following sections: Understanding Self; Communication; and Getting Along with Others, plus one of exhibitor's choice from the manual.

Second Year – One activity from each of the following sections: Getting Along with Others; Learning to Learn; and Making Decisions, plus one of exhibitor's choice from the manual.

Third Year – One activity from each of the following sections: Making Decisions; Managing; and Working with Groups, plus one of exhibitor's choice from the manual.

LEADERSHIP INNOVATION CLASS**4x 3x 2x**

Open to youth enrolled in Leadership. Demonstrate the skills and knowledge you have gained through the Leadership project. Your exhibit should not fit in the other exhibit options for this project. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

LEADERSHIP READY4LIFE CHALLENGE**4x 3x 2x**

Open to 11- to 18-year-olds enrolled in any Leadership project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

LEADERSHIP GROUP**4x 3x 2x**

Open to clubs and groups whose members are enrolled in any Leadership project. Exhibit a display illustrating how your group has used the Teens As Leaders model effectively in your club, community, school, or state. Leadership activities might include planning, advising, promoting, mentoring, teaching or advocating for change. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. The display must be accompanied by 3 or more 4-H members at the time of the judge's critique. Club members should make a 5- to 10-minute presentation to the judge. All club members present for the judge's critique should be able to discuss the project and answer questions. Only club members present for judging who participate in the actual critique and presentation are eligible for ribbons and premiums.

LEADERSHIP MAKER**4x 3x 2x**

Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a

target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogramed to perform a different function other than what it was designed to do

- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are **HIGHLY** encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also **HIGHLY** encouraged that exhibits use Open Source Software and/or Hardware in the build.

THE BEST CAREER & LEADERSHIP PROJECT PLAQUE WILL BE AWARDED FOR AN EXHIBIT IN EITHER COLLEGE & CAREER READINESS, CONSUMER ED OR LEADERSHIP

DIVISION: NATURAL RESOURCES

The following classes are for 4-H youth 8 to 18 years of age. Natural Resources & Environment projects will be judged on **Wednesday, July 8, 2020**.

Three 4-H'ers can be selected for the Illinois State Fair from the Natural Resources or Outdoor Adventure classes. Three 4-H'ers can be selected for the Illinois State Fair from the Sportsfishing or Wildlife classes. One 4-H'er can be selected for the Illinois State Fair from the Natural Resources Ready4Life Challenge.

Electricity and water are **NOT** available for these displays. **NO live animals or reptiles are permitted in these exhibits.**

***Indicates ineligibility for State Fair. County project only.**

	Blue	Red	White
*EXPLORING YOUR ENVIRONMENT 1 (Ecosystem Services)	4x	3x	2x

Prepare a display or poster that illustrates an activity from the project manual. The display should demonstrate an understanding of natural and/or manmade environments, how humans affect the environment, or how the environment affects our lives. Include your project manual that documents activity recordkeeping, your answers to activity questions, and details the exhibitor's thoughts and ideas.

*EXPLORING YOUR ENVIRONMENT 2 (Earth's Capacity)	4x	3x	2x
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Prepare a display or poster that illustrates an activity from the project manual. The display should demonstrate an understanding of one of the following: stewardship of natural resources, investigating greenhouse effects on living organisms, methods of reducing or managing waste in your home or community, or calculating your ecological footprint. Include

your project manual that documents activity recordkeeping, your answers to activity questions, and details the exhibitor's thoughts and ideas.

NATURAL RESOURCES 1

4x 3x 2x

Exhibit any item or display developed from the project book, *Step into Nature*. Be able to explain the importance of and concept behind the project exhibit.

NATURAL RESOURCES 2

4x 3x 2x

Exhibit any item or display developed from the project book, *Explore the Natural World*. Be able to explain the importance of and concept behind the project exhibit.

NATURAL RESOURCES 3

4x 3x 2x

Exhibit any item or display developed from the project book, *Blaze the Trail*. Be able to explain the importance of and concept behind the exhibit.

OUTDOOR ADVENTURES 1, 2 & 3

4x 3x 2x

Exhibit a display illustrating an activity completed from the project manual.

SPORTSFISHING 1

4x 3x 2x

Exhibit a product or display made to complete the activities in the *Take the Bait* project manual. This could include, but is not limited to, displays on: different types of fishing tackle, identifying different baits and their uses (no actual bait, please) or identifying the anatomy of a fish. **For safety reasons, lures must be placed in a plastic case.**

SPORTSFISHING 2

4x 3x 2x

Exhibit a product or display made to complete the activities in the *Reel in the Fun* project manual. This could include, but is not limited to, display on: different types of knots or rigs and their use; a collection of fishing lures, labeled with their use; or information on preparing and cooking fish (not recipes). **For safety reasons, lures must be placed in a plastic case.**

SPORTSFISHING 3

4x 3x 2x

Exhibit a product or display made to complete the activities in the *Cast into Future* project manual. This could include, but is not limited to, displays on; making artificial flies and lures; researching effects of water temperature; sports fishing careers; or identifying insects that fish eat. **For safety reasons, lures must be placed in a plastic case.**

WILDLIFE 1

4x 3x 2x

Exhibit any activity developed from the project manual. For example, identify different wildlife habitats. Within the exhibit, explain the importance of and concept behind the exhibit.

WILDLIFE 2

4x 3x 2x

Exhibit any activity developed from the project manual. For example, create a display of life history of an animal.) Within the exhibit, explain the importance of the concept behind the exhibit.

WILDLIFE 3

4x 3x 2x

Exhibit any activity developed from the project manual. Be able to explain the importance of the concept behind the exhibit.

NATURAL RESOURCES READY4LIFE CHALLENGE

4x 3x 2x

Open to 11- to 18-year-olds enrolled in any Natural Resources project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

NATURAL RESOURCES MAKER

4x 3x 2x

Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogramed to perform a different function other than what it was designed to do
- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are **HIGHLY** encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also **HIGHLY** encouraged that exhibits use Open Source Software and/or Hardware in the build.

***Indicates ineligibility for State Fair. County project only.**

THE BEST ENVIRONMENTAL SCIENCE PROJECT PLAQUE WILL BE AWARDED FOR AN EXHIBIT IN EITHER FORESTRY, EXPLORING YOUR ENVIRONMENT, GEOLOGY, NATURAL RESOURCES, OUTDOOR ADVENTURES, SPORTSFISHING OR WILDLIFE. THE PLAQUE IS SPONSORED BY DEKALB COUNTY SOIL AND WATER CONSERVATION.

The Department of Agriculture shall use its best efforts to secure sufficient appropriations to fund premiums. In any year for which the General Assembly of the State of Illinois fails to make an appropriation sufficient to pay such premiums, premiums amounts may not be accurately reflected in this Premium Book.

DIVISION: PHOTOGRAPHY

The following classes are for 4-H youth ages 8-18 years of age. Photography projects will be judged on **Wednesday, July 8, 2020**.

Three 4-H'ers can be selected for the Illinois State Fair from the Photography classes. One 4-H'er can be selected for the Illinois State Fair from the Photography Ready4Life Challenge.

ALL photos in exhibits must have been taken by the exhibitor. Photo/Model releases from individuals pictured in the exhibitor's photographs are required unless the photograph is of a group in a public place where identification would not be an issue. The release can be obtained at:

<http://4h.extension.illinois.edu/members/projects/photography>. Photos may be taken with a camera, an electronic tablet (i.e. iPad), or a cell phone. **Photos exhibited in frames should be prepared for hanging.**

ALL photos (including Photo Editing exhibits) must be accompanied by details of the camera settings that include:

- a. Camera/device used
- b. Aperture (F-stop)
- c. Exposure time (shutter speed)
- d. ISO (film/sensor sensitivity)
- e. Lighting used (flash, artificial, sunlight, other)
- f. Photo editing software/application used (required for ALL edits and retouches except for cropping)
- g. Filters used (lens filters and or digital/software filters)

**Members are allowed to shoot on a camera's automatic setting, but should be able to find the metadata information on the photo to discuss the information above.

The exhibit size requirements for all photographs will be:

- Minimum image size: 5"x7"
- Maximum image size: 8"x10"
- Maximum exhibit size (including frame): 18"x20"

All exhibitors must include unframed (taped to the back of the framed exhibit or attached to the project booklet) **un-edited versions** of either the same subject or the examples of the same technique that the framed image represents. This will assist the judge in understanding the choices made by the photographer to build the exhibited composition.

NOTE: Images taken with devices that apply an automatic filter will not be eligible.

PHOTOTGRAPHY 1

Blue	Red	White
4x	3x	2x

Exhibit one framed photo which demonstrates your understanding of a technique you learned from your Photography 1 project manual. No photo editing is allowed in this class except cropping and red eye removal. Be prepared to show the page in the manual of the technique you are demonstrating.

PHOTOGRAPHY 2

4x 3x 2x

Exhibit one of the options listed below:

- Exhibit one framed 8x10 close-up photograph using the skills learned on page 62-63 of the project manual titled "Bits and Pieces." No photo editing is allowed in this class except cropping and red eye removal; **OR**
- Exhibit one framed 8"x10" photo which demonstrate your understanding of a technique you learned from your Photography 2 project manual. No photo editing is allowed in this class except cropping and red eye removal. Be prepared to show the page in the manual of the technique you are demonstrating.

PHOTOGRAPHY 3

4x 3x 2x

Exhibit one of the options listed below:

- Exhibit one framed 8" x 10" still-life photo that demonstrates good composition, including color, form, texture, lighting and depth of field. No photo editing is allowed in this class except cropping and red eye removal; **OR**
- Exhibit one framed 8"x10" photo which demonstrate your understanding of a technique you learned from your Photography 3 project manual. No photo editing is allowed in this class except cropping and red eye removal. Be prepared to show the page in the manual of the technique you are demonstrating.

PHOTO EDITING

4x 3x 2x

Open to members enrolled in Photography 1, Photography 2 or Photography 3

Exhibit one framed 8" x 10" photo that has been altered using digital photo-editing techniques (beyond cropping and red-eye reduction). Include a print of the original photo(s), taped to the back of the photo frame. Photos in which an automatic filter was applied at the time the photograph was taken will not be eligible in the class.

PHOTOGRAPHY INNOVATION CLASS

4x 3x 2x

Open to youth enrolled in Photography 1, 2, and 3. Demonstrate the skills and knowledge you have gained through the Photography project. **Your exhibit should not fit in the other exhibit options for this project.** The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. All exhibits must include one framed photo illustrative of the work you are presenting.

PHOTOGRAPHY READY4LIFE CHALLENGE

4X 3X 2X

Open to 11- to 18-year-olds enrolled in any Photography project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

PHOTOGRAPHY MAKER

4x 3x 2x

Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogrammed to perform a different function other than what it was designed to do)
- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are **HIGHLY** encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also **HIGHLY** encouraged that exhibits use Open Source Software and/or Hardware in the build.

TWO BEST CREATIVE ARTS PROJECT PLAQUES WILL BE AWARDED FOR EXHIBITS IN PHOTOGRAPHY OR VIDEO FILMMAKING.

The Department of Agriculture shall use its best efforts to secure sufficient appropriations to fund premiums. In any year for which the General Assembly of the State of Illinois fails to make an appropriation sufficient to pay such premiums, premiums amounts may not be accurately reflected in this Premium Book.

DIVISION: PLANT & SOIL SCIENCES*

The following classes are for 4-H youth 8 to 18 years of age. Plant & Soil Sciences projects will be judged on **Wednesday, July 8, 2020.**

* Indicates ineligibility for State Fair. County project only.

	Blue	Red	White
*PLANTS AND SOILS 1 (<i>It's More than Just Dirt</i>)	4x	3x	2x

Prepare a display or poster that illustrates an activity from the project manual. The display should demonstrate an understanding of environmental and internal factors that affect plant growth. Include your project journal that documents activity recordkeeping requirements, answers activity questions, and details personal thoughts and ideas.

***PLANTS AND SOILS 2 (*Stems and Stamens*)**

4x 3x 2x

Prepare a display or poster that illustrates an activity from the project manual. The display should demonstrate an understanding of the composition of plants, the functions of individual plant parts, plant life cycles, and the many ways plants reproduce. Include your project journal that documents activity recording keeping, answers activity questions, and details personal thoughts and idea.

***PLANTS AND SOILS 3 (*Sprouting Out and Growing Up*)**

4x 3x 2x

Prepare a display or poster that illustrates an activity from the project manual. The display should demonstrate an understanding of environmental and internal factors that affect plant growth. Include your project journal that documents activity recordkeeping requirements, answers activity questions, and details personal thoughts and ideas.

PLANTS & SOILS MAKER

4x 3x 2x

Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogramed to perform a different function other than what it was designed to do
- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are **HIGHLY** encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also **HIGHLY** encouraged that exhibits use Open Source Software and/or Hardware in the build.

*** Indicates ineligibility for State Fair. County project only.**

THE BEST ENVIRONMENTAL SCIENCES PROJECT PLAQUE WILL BE AWARDED FOR AN EXHIBIT IN EITHER CROPS, FLORICULTURE, PLANTS & SOIL SCIENCES OR VEGETABLE GARDENING.

The Department of Agriculture shall use its best efforts to secure sufficient appropriations to fund premiums. In any year for which the General Assembly of the State of Illinois fails to make an appropriation sufficient to pay such premiums, premiums amounts may not be accurately reflected in this Premium Book.

DIVISION: ROBOTICS

The following classes are for 4-H youth 8 to 18 years of age. Robotics projects will be judged on **Wednesday, July 8, 2020.**

Three 4-H'ers can be selected for the Illinois State Fair for Robotics classes. One 4-H'er can be selected for the Illinois State Fair from the Robotics Ready4Life Challenge.

*** Indicates ineligibility for State Fair. County project only.**

NOTE: If applicable for their class and display, exhibitors must bring their own computers for demonstration purposes; computers will not be provided. Internet access will not be available.

Robotics 1-3

Exhibits in this class are designed to be used with the 4-H Robotics Platforms curriculum which uses either a LEGO Mindstorms (NXT or EV3). Any other programmable robot kit such as Arduino or Raspberry Pi should be exhibited under Free Range Robotics Class, Innovation Class or Ready4Life Challenge Class. Exhibits for this class are individual only.

	Blue	Red	White
*ROBOTICS 1: BEGINNING	4x	3x	2x
Exhibitors should complete Activities 1-6. Exhibitors will design, build and program a robot that can autonomously follow a predetermined path that changes direction at least 4 times during a single run. They will bring their Robotics Notebook to share what they learned about the engineering design process and programming.			

	Blue	Red	White
ROBOTICS 1: INTERMEDIATE	4x	3x	2x
Exhibitors should complete Activities 7-12. Exhibitors will design, build and program a robot that uses at least one sensor to autonomously follow a path, respond to, and or avoid obstacles. Exhibitors in this class must use at least one sensor in their robot design. They will bring their Robotics Notebook to share what they learned about the engineering design process and programming.			

	Blue	Red	White
ROBOTICS 2	4x	3x	2x
Exhibitors should complete Activities 1-7. Exhibitors will design, build and program a robot that uses sensors and programming to complete one of the provided challenges. They will bring their robot and Robotics Notebook to share changes they made to the robot and/or program along the way, and to describe their experience with completing the challenge.			

	Blue	Red	White
ROBOTICS INNOVATION CLASS	4x	3x	2x
Open to youth enrolled in Robotics 3, but may also include youth in Robotics 1 or 2 if the exhibit meets the guidelines. Exhibit an original robot, either homemade or a kit that does not fall under Robotics 1 or 2 that can complete a task using MULTIPLE sensors. If a robot kit is used, then some parts of the robot must be built using other components such as wood, plastic or metal. The robot can include any types of motors, pneumatics or sensors. The Innovation class can also be used for LEGO Mindstorms or Vex kits where the exhibit does not fall under Robotics 1 or 2 exhibit option. Autonomous control of the robot may also be achieved using an "open source" platform such as Arduino or Raspberry Pi and can be programed using a coding language that is publicly available. Exhibitors in Robotics			

Innovation/Open Source Class must bring a detailed Engineering notebook that describes how the exhibitor designed, built and programmed the exhibit

Junkdrawer Robotics

All exhibits should be original designs made with everyday objects and materials. Exhibits with purchased kits will not be accepted. Exhibitors are also required to bring their Junk Drawer Robotics Youth Robotics Notebook with the sections completed for the project they are exhibiting including the sections leading up to the activity they are exhibiting. For example, if a youth is bringing Activity E from Junk Drawer Level 1, they should have robotics notebook sections A-E completed.

***JUNKDRAWER ROBOTICS 1**

4x 3x 2x

Exhibit any item from the "To Make" activity from the Junk Drawer Robotics Level 1 Book. Be sure all robotics notebook sections within the module being exhibited are filled in.

JUNKDRAWER ROBOTICS 2

4x 3x 2x

Exhibit any item from the "To Make" activity from the Junk Drawer Robotics Level 2 Book. Be sure all robotics notebook sections within the module being exhibited are filled in.

JUNKDRAWER ROBOTICS 3

4x 3x 2x

Exhibit any item from the "To Make" activity from the Junk Drawer Robotics Level 3 Book. Be sure all robotics notebook sections within the module being exhibited are filled in.

ROBOTICS READY4LIFE CHALLENGE

4x 3x 2x

Open to 11- to 18-year-olds enrolled in any Robotics project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

ROBOTICS MAKER

4x 3x 2x

Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogrammed to perform a different function other than what it was designed to do)
- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in

your build log.

In addition, exhibitors are HIGHLY encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also HIGHLY encouraged that exhibits use Open Source Software and/or Hardware in the build.

*** Indicates ineligibility for State Fair. County project only.**

THE BEST STEM PROJECT PLAQUE WILL BE AWARDED FOR AN EXHIBIT IN EITHER COMPUTER SCIENCE, ROBOTICS, 3-D PRINTING OR DRONES.

The Department of Agriculture shall use its best efforts to secure sufficient appropriations to fund premiums. In any year for which the General Assembly of the State of Illinois fails to make an appropriation sufficient to pay such premiums, premiums amounts may not be accurately reflected in this Premium Book.

DIVISION: SHOOTING SPORTS

The following classes are for 4-H youth 8 to 18 years of age. Shooting Sports projects will be judged on **Wednesday, July 8, 2020**.

Two 4-H'ers can be selected for the Illinois State Fair for Shooting Sports classes. One 4-H'er can be selected for the Illinois State Fair from the Shooting Sports Ready4Life Challenge.

Members must be a member of an approved 4-H Shooting Sports Club to exhibit. All exhibits should be posters or stand-alone items suitable for display to the public. Stand-alone items have the intent to enhance the discipline such as a quiver, gun case, gun sling, locking cabinet, gun or target stand, sporting clays equipment wagon, etc. Exhibits deemed to be inappropriate by a superintendent will not be displayed.

NOTE: Shooting Sports Displays are prohibited from displaying the following:

- No live ammunition
- No knives or arrow tips (including field points, hunting broadheads, etc.)
- No functional or non-functional bows, firearms or firearm parts that could be reassembled are allowed.
- No humanoid shaped targets or reference to paintball, laser tag, air-soft, or pointing of any type of firearm or bow toward another person is allowed.
- No display involving primarily tactical design firearms (i.e. AR platform or military type firearms)
- No reference or use of the word "weapon" should be used in a display
- Make sure there are no safety violations in your display. (Example: no earplugs or safety glasses in a picture of a person shooting a firearm.)

4-H'ers are limited to receive one premium per class exhibited in premium eligible projects.

- | | Blue | Red | White |
|--|-------------|------------|--------------|
| SHOOTING SPORTS: ARCHERY | 4x | 3x | 2x |
| Exhibit a poster or stand-alone display depicting safe archery handling, range safety, the parts of the bow, tracking the target, target sighting, or another topic you have learned through the 4-H Shooting Sports program. | | | |
| SHOOTING SPORTS: RIFLES | 4x | 3x | 2x |
| Exhibit a poster or stand-alone display depicting safe firearm handling, range safety, the parts of the rifle, tracking the target, target sighting, or another topic you have learned through the 4-H Shooting Sports program. | | | |
| SHOOTING SPORTS: SHOTGUN | 4x | 3x | 2x |
| Exhibit a poster or stand-alone display depicting safe firearm handling, range safety, the parts of the shotgun, tracking the target, target sighting, or another topic you have learned through the 4-H Shooting Sports program.. | | | |
| SHOOTING SPORTS: HUNTING & OUTDOOR SKILLS | 4x | 3x | 2x |
| Exhibit a poster or stand-alone display related to something you learned in the Hunting & Outdoor Skills project. | | | |
| SHOOTING SPORTS READY4LIFE CHALLENGE | 4x | 3x | 2x |
| Open to 11- to 18-year-olds enrolled in any Shooting Sports project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display. | | | |
| SHOOTING SPORTS MAKER | 4x | 3x | 2x |
| Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines: | | | |
| <ul style="list-style-type: none"> • Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two. • The device must be something that can be used in everyday life by multiple people (a target audience), and MUST be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device MUST be modified structurally or be reprogramed to perform a different function other than what it was designed to do • Exhibit MUST be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.) • Exhibits MUST include a detailed build log with instructions on how to make or build the exhibit, AND contain either a 3D rendering or detailed and labeled sketches of the device/product. • All parts and software used in the design/build MUST be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log. | | | |
| In addition, exhibitors are HIGHLY encouraged to use tools such as 3-D printers, laser cutters, | | | |

routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also HIGHLY encouraged that exhibits use Open Source Software and/or Hardware in the build.

The Department of Agriculture shall use its best efforts to secure sufficient appropriations to fund premiums. In any year for which the General Assembly of the State of Illinois fails to make an appropriation sufficient to pay such premiums, premiums amounts may not be accurately reflected in this Premium Book.

DIVISION: SMALL ENGINES

The following classes are for 4-H youth 8 to 18 years of age. Small Engines projects will be judged on **Wednesday, July 8, 2020**.

One 4-H'er can be selected for the Illinois State Fair from Small Engine classes. One 4-H'er can be selected for the Illinois State Fair from the Small Engines Ready4Life Challenge.

Small Engine displays must be no larger than 4' x 4' display board. Exhibits must be portable. No complete engines, lawn tractors, tillers, chainsaws, etc. are permitted for display. No electrical power is available for displays/exhibits. 4-H'ers are limited to receive one premium per class exhibited in premium eligible projects.

- | | Blue | Red | White |
|--|-----------|-----------|-----------|
| SMALL ENGINES 1 - 3: DISPLAY | 4x | 3x | 2x |
| Exhibit a display, selecting one of the following items: | | | |
| • Ignition System: Identify the parts of the Ignition System and explain how magnetic energy is produced through the ignition system to ignite the spark plug; OR | | | |
| • Compression System: Explain how heat energy is produced by an engine and converted into mechanical energy; OR | | | |
| • Heat Transfer: Explain how heat is transferred through the cooling and lubrication system of an air cooled or water cooled engine; OR | | | |
| • Filter Maintenance: Explain the proper maintenance and cleaning of the air, fuel and oil filters of an engine; OR | | | |
| • What does a serial number reveal?: Explain the various information that can be learned from the serial number or identification number stamped on the shroud of a Briggs & Stratton engine; OR | | | |
| • Tools to do the job: Identify and explain the function(s) of different specialty tools needed for small engine work; OR | | | |
| • Experimentation: Explain through illustration an experiment you conducted from the project manual showing the results of your work | | | |

- | | | | |
|---|-----------|-----------|-----------|
| SMALL ENGINES READY4LIFE | 4x | 3x | 2x |
| Open to 11- to 18-year-olds enrolled in any Small Engines project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or | | | |

business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

SMALL ENGINES MAKER

4x 3x 2x

Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogramed to perform a different function other than what it was designed to do)
- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are **HIGHLY** encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also **HIGHLY** encouraged that exhibits use Open Source Software and/or Hardware in the build.

THREE BEST STEM PROJECT PLAQUES WILL BE AWARDED FOR EXHIBITS IN EITHER AEROSPACE, BICYCLE, ELECTRICITY, SMALL ENGINES, TRACTOR OR WELDING.

DIVISION: TECHNOLOGIES*

The following classes are for 4-H youth ages 8-18 years. Theatre Arts projects will be judged on **Wednesday, July 8, 2020.**

***Indicates ineligibility for State Fair. This project is a county exhibit opportunity only.**

3-D PRINTING & DESIGN: Choose one of the following classes based on your interest and skill level.

***3-D DESIGN BEGINNER**

**Blue Red White
4x 3x 2x**

No 3-D Printer or 3-D printed object is required for this exhibit. Exhibit a simple 3-D rendered design using Computer Aided Design (CAD) Software such as Tinker CAD or Inventor. The design must be an object that performs a specific task, and may not be based on already existing 3-D models. It must be able to be 3-D printed. Any CAD software can be

used, but files must be in .STL format. Bring your design on a Jump Drive to be viewed for judging. Exhibits in this class may not have multiple parts, doors, hinges, or any sort of mechanics.

Exhibitors are expected to use the engineering design process to complete their designs. This process is important to the outcomes and exhibitors must keep a log outlining the step-by-step notes, sketches, and documentation from throughout the design process. The logbook should define the problem that is being solved/use of the object and describe in detail each step of the Engineering Design Process taken during the creation of the invention.

***3-D DESIGN ADVANCED**

4x 3x 2x

Exhibitors are expected to go above and beyond those expectations set in 3-D design beginner. No 3-D Printer or 3-D printed object is required for this exhibit. Exhibit a complex 3-D rendered design using Computer Aided Design (CAD) Software such as Tinker CAD or Inventor. The design must be an object that performs a specific task, and may not be based on already existing 3-D models. It must be able to be 3-D printed. Any CAD software can be used, but files must be in .STL format. Bring your design on a Jump Drive to be viewed for judging. Exhibits in this class **MUST** not have multiple parts, doors, hinges or some sort of mechanistic feature to accomplish a specific task.

Exhibitors are expected to use the engineering design process to complete their designs. This process is important to the outcomes and exhibitors must keep a log outlining the step-by-step notes, sketches, and documentation from throughout the design process. The logbook should define the problem that is being solved/use of the object and describe in detail each step of the Engineering Design Process taken during the creation of the invention.

***3-D PRINTING BEGINNER**

4x 3x 2x

Exhibit a simple 3-D printed object designed using Computer Aided Design (CAD) Software such as Tinker CAD or Inventor. The 3-D printed object must perform a specific task, and may not be based on already existing 3-D models. It must be 3-D printed using **ONLY A COMMERCIALY AVAILABLE HOME/DESKTOP 3-D PRINTER**. In addition, original design files must accompany each exhibit. These files must be in .STL format. Bring your design on a jump drive to be viewed for judging. Exhibits in this class may not have multiple parts, doors, hinges or any sort of mechanics.

Exhibitors are expected to use the engineering design process to complete their designs. This process is important to the outcomes and exhibitors must keep a log outlining the step-by-step notes, sketches, and documentation from throughout the design and print process. The logbook should define the problem that is being solved/use of the object and describe in detail each step of the Engineering Design Process taken during the creation of the invention.

***3-D PRINTING ADVANCED**

4x 3x 2x

Exhibitors are expected to go above and beyond those expectations set in 3-D Printing beginner. Exhibit a Complex 3-D printed object designed using Computer Aided Design (CAD) software such as Tinker CAD or Inventor. The 3-D print must be an object that performs a specific task, and may not be based on already existing 3-D models. Exhibits in this class **MUST** have multiple parts, doors, hinges or some sort of mechanical feature. It

must be 3-D printed using ONLY A COMMERCIALY AVAILABLE HOME/DESKTOP 3-D PRINTER. In addition, original design files must accompany each exhibit. These files must be in .STL format. Bring your design on a Jump Drive to be viewed for judging.

Exhibitors are expected to use the engineering design process to complete their designs. This process is important to the outcomes and exhibitors must keep a log outlining the step-by-step notes, sketches, and documentation from throughout the design and print process. The logbook should define the problem that is being solved/use of the object and describe in detail each step of the Engineering Design Process taken during the creation of the invention.

***3-D PRINTING & DESIGN READY4LIFE CHALLENGE** **4x 3x 2x**

Open to 11- to 18-year-olds enrolled in any 3-D project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

3-D PRINT & DESIGN MAKER **4x 3x 2x**

Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogramed to perform a different function other than what it was designed to do
- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are **HIGHLY** encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also **HIGHLY** encouraged that exhibits use Open Source Software and/or Hardware in the build.

UNMANNED AERIAL VEHICLES/SYSTEMS (DRONES): Choose one of the following classes based on your interest and skill level.

- | | Blue | Red | White |
|---|-------------|------------|--------------|
| *UAV DISPLAY | 4x | 3x | 2x |
| <p>Prepare a display related to the Drones/UAV project on the topic of your choosing. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Non-UAV/ Drone projects should not be entered in this class.</p> | | | |
| *UAV UNMANNED AERIAL SYSTEMS | 4x | 3x | 2x |
| <p>Exhibit one Unmanned Aerial Vehicle and associated system assembled or made by the member. UAV or Drone exhibits in this class must be either originally designed or built from a kit of reconfigurable parts and components. These displays are limited to multicopters (tri, quad, hex, and octocopters), as well as FPV airplanes and flying wings with wingspans up to 36". The UAV MUST have a Flight Controller and utilize a camera/video transmission system. The exhibit will be a static display. The Drone should be in good flying condition with batteries fully charged, and all UAS components (including Video System) ready to demonstrate. DO NOT display your UAV with the propellers on, but rather on the table to the side of your UAV. The Drone will not be flown unless the weather permits, and flights have been approved by the local FAA/Air Traffic Control Tower. Attach the printed directions of the UAV if any were used.</p> | | | |
| *UAV READY4LIFE CHALLENGE | 4x | 3x | 2x |
| <p>Open to 11- to 18-year-olds enrolled in any UAV project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.</p> | | | |
| UAV MAKER | 4x | 3x | 2x |
| <p>Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines:</p> <ul style="list-style-type: none">• Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.• The device must be something that can be used in everyday life by multiple people (a target audience), and MUST be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device MUST be modified structurally or be reprogrammed to perform a different function other than what it was designed to do)• Exhibit MUST be able to interact with the outside world. (e.g. an on off switch, input | | | |

sensors, feedback, etc.)

- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are **HIGHLY** encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also **HIGHLY** encouraged that exhibits use Open Source Software and/or Hardware in the build.

***Indicates ineligibility for State Fair. This project is a county exhibit opportunity only.**

THE BEST STEM PROJECT PLAQUE WILL BE AWARDED FOR AN EXHIBIT IN EITHER COMPUTER SCIENCE, ROBOTICS, 3-D PRINTING OR DRONES.

The Department of Agriculture shall use its best efforts to secure sufficient appropriations to fund premiums. In any year for which the General Assembly of the State of Illinois fails to make an appropriation sufficient to pay such premiums, premiums amounts may not be accurately reflected in this Premium Book.

DIVISION: THEATRE ARTS

The following classes are for 4-H youth ages 8-18 years. Theatre Arts projects will be judged on **Wednesday, July 8, 2020.**

Three 4-H'ers can be selected for the Illinois State Fair from the following Theatre Arts classes. One 4-H'er can be selected for the Illinois State Fair from the Theatre Arts Ready4Life Challenge.

THEATRE ARTS 1

Blue Red White
4x 3x 2x

Exhibit one of the following items:

- Portfolio of **acting** activities completed during the current year (A video of performances is not considered a portfolio and will not be accepted for exhibit. Use of page protectors is recommended. Exhibit will **NOT** be labeled "Do Not Touch."); **OR**
- Display illustrating a drawing/photograph of a clown character created by the exhibitor; **OR**
- Display illustrating a picture story developed by the exhibitor.

THEATRE ARTS 3

4x 3x 2x

Exhibit one of the following items:

- Portfolio of activities **for set design; make-up; or sound, props, or costuming** completed during the current year **OR**
- Display that includes sound, props and costume charts appropriate for a selected

- scene from a story or play (limited to no more than 8 items); **OR**
- Display a scenic design model to depict a scene from a script; **OR**
- Display illustrating a character with make-up drawn or colored in. Include a photograph of a person wearing the make-up and information on the character's personality or part in the play.

THEATRE ARTS INNOVATION CLASS

4x 3x 2x

Open to youth enrolled in Theatre Arts.) Demonstrate the skills and knowledge you have gained through Theatre Arts project. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

THEATRE ARTS READY4LIFE CHALLENGE

4x 3x 2x

Open to 11- to 18-year-olds enrolled in any Theatre project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

THEATER ARTS MAKER

4x 3x 2x

Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogramed to perform a different function other than what it was designed to do)
- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are **HIGHLY** encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as**

a **Maker Project**). It is also HIGHLY encouraged that exhibits use Open Source Software and/or Hardware in the build.

THE BEST CREATIVE ARTS PROJECT PLAQUE WILL BE AWARDED FOR AN EXHIBIT IN EITHER COMMUNICATIONS, CREATIVE WRITING, JOURNALISM OR THEATRE ARTS.

DIVISION: TRACTOR

The following classes are for 4-H youth 8 to 18 years of age. Tractor projects will be judged on **Wednesday, July 8, 2020**

Two 4-H'er can be selected for the Illinois State Fair from Tractor classes. One 4-H'er can be selected for the Illinois State Fair from the Tractor Ready4Life Challenge.

- | | Blue | Red | White |
|--|-------------|------------|--------------|
| TRACTOR A | 4x | 3x | 2x |
| Exhibit a display or poster that illustrates one of the following topics: tractor safety; care and maintenance; the tractor as a valuable farm machine; or an activity listed in the project manual. | | | |
| TRACTOR B | 4x | 3x | 2x |
| Exhibit a display or poster that illustrates one of the following topics: cause and prevention of rollovers, diagram how an air cleaner works, diagram & identify an engine cooling system, regulations for battery & oil disposal, or another activity listed in the 4-H project manual. | | | |
| TRACTOR C | 4x | 3x | 2x |
| Exhibit a display or poster that illustrates one of the following topics: wagon and bin hazards, diagram and identify open and closed hydraulic systems, mower types and safety features conveyor types and safety features, or another activity listed in the 4-H project manual. | | | |
| TRACTOR D | 4x | 3x | 2x |
| Exhibit a display or poster that illustrates one of the following topics: method of winterizing a tractor, chemical uses and required safety equipment, parts and process of internal combustion engine, procedure for cleaning and flushing tractor radiator, or another activity. | | | |
| TRACTOR INNOVATION CLASS | 4x | 3x | 2x |
| Open to youth enrolled in Tractor A, B, C or D. Demonstrate the skills and knowledge you have gained through the Tractor project. This could be related to, but not limited to, advancements in technology, enhancements to crop production, or a topic of interest to the member related to tractors or farm machinery. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. | | | |

TRACTOR READY4LIFE CHALLENGE

4x 3x 2x

Open to 11- to 18-year-olds enrolled in any Tractor project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

TRACTOR MAKER

4x 3x 2x

Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogramed to perform a different function other than what it was designed to do)
- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are **HIGHLY** encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also **HIGHLY** encouraged that exhibits use Open Source Software and/or Hardware in the build.

THREE BEST STEM PROJECT PLAQUES WILL BE AWARDED FOR EXHIBITS IN EITHER AEROSPACE, BICYCLE, ELECTRICITY, SMALL ENGINES, TRACTOR OR WELDING.

DIVISION: VETERINARY SCIENCE

The following classes are for 4-H youth 8 to 18 years of age. Veterinary Science projects will be judged on **Wednesday, July 8, 2020.**

One 4-H'er can be selected for the Illinois State Fair from the Veterinary Science class. One 4-H'er can be selected for the Illinois State Fair from the Veterinary Science Ready4Life Challenge.

	Blue	Red	White
	4x	3x	2x

VETERINARY SCIENCE

Open to youth in Veterinary Science 1, Veterinary Science 2, and Veterinary Science 3. Prepare a display focusing on any activity related to the veterinary science project. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Live animals are not permitted as exhibits in this area. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.

	4x	3x	2x
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VETERINARY SCIENCE READY4LIFE CHALLENGE

Open to 11- to 18-year-olds enrolled in any Veterinary Science project) Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

	4x	3x	2x
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VET SCIENCE MAKER

Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogramed to perform a different function other than what it was designed to do
- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are **HIGHLY** encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also **HIGHLY** encouraged that exhibits use Open Source Software and/or Hardware in the build.

TWO PLAQUES WILL BE AWARDED TO THE BEST ANIMAL OR VET SCIENCE PROJECTS

The Department of Agriculture shall use its best efforts to secure sufficient appropriations to fund premiums. In any year for which the General Assembly of the State of Illinois fails to make an appropriation sufficient to pay such premiums, premiums amounts may not be accurately reflected in this Premium Book.

DIVISION: VIDEO/FILMMAKING

The following classes are for 4-H youth 8 to 18 years of age. Video projects will be judged on **Wednesday, July 8, 2020.**

Three 4-H'ers can be selected for the Illinois State Fair from the Video classes. One 4-H'er can be selected for the Illinois State Fair from the Video/Filmmaking Ready4Life Challenge.

Enrollment in the Video project is required to exhibit in the classes in this section.

All Exhibitors must bring their own laptop or device for viewing for the judge. Internet access may not be available for laptop usage, so the video should already be on the laptop/tablet.

Requirements that apply to ALL video classes:

Video submissions should be no longer than five (5) minutes in length (unless noted differently in class description.). Videos are to be original and a result of the member's current year's work. Criteria for judging shall include: (1) Evidence of story line; (2) Use of camera angles; (3) Use of zooming techniques; and (4) Smoothness of scene changes. Image and sound quality will be considered in relation to equipment available to and used by exhibitor. All videos should comply with copyright regulations and display an image that is appropriate for 4-H audiences. No time or date should be imprinted on the video footage. All videos should include an opening title screen, as well as closing credits which include date of production, name of video exhibitor and research sources if appropriate. **All Video/Filmmaking exhibitors must include a printed copy of materials which will remain on display.**

	Blue	Red	White
COMMERCIAL OR PROMOTIONAL VIDEO	4x	3x	2x
Prepare a short video (30 seconds to 1 minute in length) that promotes an event or advertises a specific project/product or is a public service announcement. The video should demonstrate skills in making and editing video.			
AMINMATED VIDEO	4x	3x	2x
Video in this class should represent creative animation of original artwork created by the exhibitor and may include stop motion techniques. Media might include images created with graphics software or hand-drawn images.			
DOCUMENTARY	4x	3x	2x
Video in this class should represent a research-based investigation into a topic of choice. Video credits should list research sources and may include paper or electronically published			

materials, as well as, and/or interviews with experts or constituents related to the topic of investigation.

SHORT STORY OR SHORT NARRATIVE

4x 3x 2x

Prepare a short video that tells a story. The video should demonstrate skills in making and editing video.

VIDEO/FILMMAKING INNOVATION CLASS

4x 3x 2x

Open to youth enrolled in Video/Filmmaking. Demonstrate the skills and knowledge you have gained through the Video project. **Your exhibit should not fit in the other exhibit options for this project.** The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

VIDEO/FILMMAKING READY4LIFE CHALLENGE

4x 3x 2x

Open to 11- to 18-year-olds enrolled in any Video/Film project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

VIDEO MAKER

4x 3x 2x

Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogramed to perform a different function other than what it was designed to do)
- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are **HIGHLY** encouraged to use tools such as 3-D printers, laser

cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also HIGHLY encouraged that exhibits use Open Source Software and/or Hardware in the build.

TWO BEST CREATIVE ARTS PROJECT PLAQUES WILL BE AWARDED FOR EXHIBITS IN PHOTOGRAPHY OR VIDEO FILMMAKING.

DIVISION: VISUAL ARTS

The following classes are for 4-H youth 8 to 18 years of age. Visual Arts projects will be judged on **Wednesday, July 8, 2020.**

One 4-H'er can be selected for the Illinois State Fair in each of the following **Original** Visual Art Classes: Paper, Fiber, Clay, Wood, Glass/Plastic, Metal, Nature, Computer-Generated Art, Three-Dimensional Design/Mixed Media, Leather, Heritage Arts, Scrapbooking, Food Decorating and Chalk/Carbon Pigment created on wood, metal or textiles and Fiber Arts Non-Original 8-10 year olds.

Two 4-H'ers can be selected in **Original** Chalk/Carbon/Pigment created on canvas, paper or glass. One 4-H'er can be selected in the Visual Arts Ready4Life Challenge Class.

****Exhibitors **MUST** be enrolled in the Visual Arts project category in which they are exhibiting.*

General Rules

1. Articles exhibited must have been made by the 4-H'er during the current 4-H year. Exhibitors are encouraged to date the project when it is made.
2. Members may enter a **total** of **27** projects in the Visual Arts Department. (Members may not enter more than **3 projects per category**. Mixed media items should be placed in categories of dominate media.) Members should not enter more than one item using a particular media. For example: A member may enter a watercolor, acrylic, or pencil drawing in the chalk/carbon/pigment class, but shall not enter 3 watercolors. The members 3 entries per media could consist of 2 originals and 1 non-original or 3 originals and no non-originals.
3. Members in Food Decorating or Scrapbooking are allowed to enter only ONE level based on their experience.
4. 4-H'ers are limited to receive one premium per class exhibited in premium eligible projects. In visual arts if you exhibit 2 projects in Chalk/Carbon/Pigment you will only receive one premium. However if you enter 1 project in Non-Original CCP and the other in Original CCP the 4-H'er would receive 2 premiums as these are separate classes.
5. Classification of Visual Arts projects can be confusing. If you have questions about how to properly register your project, please consult the Extension office.
6. All items must be properly prepared for exhibit. Items which are intended to be hung must be prepared for hanging with wire. The hanging device must be sturdy enough to support the weight of the object. Drawings and paintings should be matted and preferably framed under glass. Please refer to "Matting and Framing Requirements" below.
7. For both original and non-original work 4-H'ers should provide the source of their artwork if they use one (example: photo, picture, etc.)

8. Members wishing to exhibit quilts made from a pattern may enter it in Heritage Arts. All work on the quilt **MUST** be completed by the 4-H member. You cannot exhibit a quilt that was quilted by someone else.
9. The Visual Arts classes are divided into two sections: **Original** and **Non-Original** work. Both original and non-original work are separated into the following media areas: Paper, Fiber, Clay, Wood, Chalk/Carbon/Pigment, Leather, Metal, Glass/Plastic, and Nature. Under each media area is a suggested list of work members may consider enter.

Original Work - is any project made without the use of commercial/store purchased pattern or design. The 4-H'er has developed, created & implemented the project. Articles in this category must be an original design created by the exhibitor. Kits and preformed molds are not considered original.

Crafts found online or on Pinterest are not considered original work. If you create a replica of what you see somewhere else, it is not your original design. Copyrighted or trademarked designs are not acceptable in this division. Team or school logos are not original. Combining parts of different patterns (pictures, photographs, images from the internet or a magazine) with the member's own ideas can result in an original design, but simply changing the color, pattern and/or size of a pattern does NOT make the design original. ***If a photo, sketch, or other idea source was used, submit it with your entry, firmly attached to your exhibit. Be prepared to explain how and where you got the idea for this project. Photos used as a source should be taken by the artist.*** Be prepared to explain how and where you got the idea for this project.

Non-Original Work – is any project which is made from a kit or the use of a pattern, picture or book. Crafts found online or on Pinterest are considered non-original work.

Matting and Framing Requirements:

1. Drawings and paintings must be matted and framed, preferably under glass. (Oil and acrylic paintings do not require glass and are not required to be matted.) Water color, chalk, pen & ink, computer-generated art, etc. do require some protective covering. Gallery frames are acceptable. Canvas paintings that continue “over the edges” are acceptable without frames; however the piece must still be prepared for hanging.
2. There is no specific requirement on type of matt. Purchased, pre-cut mats (which are available at craft and discount stores) are acceptable.
3. All items must be properly prepared for exhibit. **All framed items, must be prepared for hanging.** The hanging device must be sturdy enough to support the weight of the object. Framed items not intended to be hung should be noted as such on the exhibit tag and a photo of the artwork being displayed should be included.

***Indicates ineligibility for State Fair. County project only.**

Blue	Red	White
4x	3x	2x

CHALK/CARBON/PIGMENT: Enter the division based on the type of material the art was created on

Division A: Canvas, Paper, Glass – Any original art work done with pencil, chalk, pen, ink, paint, charcoal, dyes, etc. on canvas, paper, or glass. This would include all painting, sketching, drawing, cartooning, printing, etc. Painted and/or glazed pre-formed ceramics and painted porcelain dolls are not eligible for this exhibit. **(Read Matting & Framing Requirements)**

Division B: Wood, Metal, Textiles - Any original art work done with pencils, chalk, pens, ink, paint, charcoal, dyes, etc., on wood, metal, or textiles. Painted and/or glazed pre-formed ceramics and painted porcelain dolls are not eligible for this exhibit. Any exhibits created as a piece of wall art must be prepared for hanging.

***CHALK/CARBON/PIGMENT - Non-Original (Read Matting & Framing Requirements)**

4x 3x 2x

CLAY - Any original item made of clay - may be fired or unfired, hand formed or thrown on a wheel. Self-hardening clays are fine. Fire/oven-cured and cornstarch clay could be accepted. Items can include, but are not limited to clay statues, bowls, jewelry, etc. Pre-formed ceramics are not eligible for this category.

***CLAY - Non-Original**

4x 3x 2x

COMPUTER GENERATED ART – Any original art created in any software package. Exhibit may not include scanned work, clipart, downloaded images from the internet, any imported image or photographs. All pixels must be original. Photo mosaics are NOT allowed. Exhibitors in this class (like all other classes in this sub-section) must be enrolled in Visual Arts; Computer project enrollment in not required. Note: Wood and metal exhibits created through the use of laser cutting programs/devices should be entered in this class. Plastic exhibits with an artistic focus created using a 3-D printer should be entered in this class. If the art created is designed to hang, then the entry should have some protective covering, such as a glass frame, and prepared for hanging. If the art is something that has been created with a laser cutting program/device and is NOT designed to hang, it does not require protective covering nor does it need to be prepared to hang.

4x 3x 2x

FIBER - Any original item made of fiber. Examples are: quilts, fabric collage, soft sculpture, stitchery, weaving, embroidery, cross stitch, wearable art, hooking, braiding, duct tape artistry, and baskets. Original cross-stitched, knitted or crocheted items belong in this class. Non-original cross-stitched, knitting and non-original crocheting should be entered in the Heritage Arts or Fiber – Non-Original class. Machine knitted items are not appropriate for this class.

FIBER - Non-Original Any non-original item made of fiber. Examples are fabric collage, soft sculpture, stitchery, weaving, embroidery, cross-stich, crocheting, knitting, weaving, hooking and felting. Exhibitors may use a pattern and/or an idea generated from another source. State Fair eligible class for age 8-10 years old only.

4x 3x 2x

GLASS/PLASTIC – Any original item made of glass or plastic. Possible items to exhibit include: stained glass, etched glass (original design), mosaics made of glass, glass beading, plastic jewelry (friendly plastic). Interlocking building block creations (i.e. LEGOS) are not suitable entries. Stepping stones or wall hangings that include cement decorated with glass or plastic items are not suitable for this class.

***GLASS/PLASTIC – Non-Original**

Blue **Red** **White**
4x **3x** **2x**

LEATHER – Exhibit one of the following options using leather.

- Leather Stamping: Exhibit should utilize one or more stamping techniques – exhibit examples include items such as belt; coasters; bookmark; key chain; wrist bracelet.
- Leather Carving or Tooling: Exhibit should use simple swivel knife tooling techniques or may incorporate several swivel knife-tooling designs or patterns – exhibit examples include items such as belt; pictorial carving; key case.
- Leather Lacing: Exhibit to include stamping and/or carving techniques incorporated with lacing techniques – exhibit examples include items such as wallets; purses; etc.
- Leather Stitching: Exhibit may include stamping; carving and/or lacing techniques and should be a leather item or article of apparel, which incorporates hand-sewing techniques.

***LEATHER – Non-Original**

4x **3x** **2x**

METAL – Any original item made of metal such as sculpture, tin punch, engraved metal, jewelry. Items intended for industrial use (as tools and/or shop items) are not considered part of this Visual Arts project and are not eligible for entry. Metal items that have been partially or totally created through the use of laser cutting programs/devices should be entered in Computer-Generated Art.

***METAL – Non-Original**

4x **3x** **2x**

NATURE – Any original item made of natural material such as wreaths, cornhusk dolls, etc. Items should be made of natural materials (which may be purchased) but securing elements such as glue and wire may be used in the inner construction as long as they do not detract from the overall “natural” appearance. Articles such as dried pressed flowers may be displayed under glass since it is necessary for protection/preservation of the natural materials. Candles are not suitable as entries. Baskets should be entered in the Heritage Arts class.

***NATURE – Non-Original**

4x **3x** **2x**

PAPER - Any original item made of paper. Examples could include origami; greeting cards; paper-cut designs, paper mache, hand-made paper, paper collage, paper models of architecture, quilling, etc. Paper twist articles, made from directions in craft books and stores ARE NOT original and are not appropriate for this class. Scrapbooks are not acceptable in this class.

*** PAPER - Non-Original**

4x **3x** **2x**

THREE DIMENSIONAL DESIGN/MIXED MEDIA – Art pieces in this class must be comprised of at least three different media. No one medium can make up more than 40% of a piece. The piece should be either freestanding or should be prepared to be hung. It must be observable on at least three different sides. Originality and design are important concepts. Craft and preformed or assembled projects are not acceptable.

4x **3x** **2x**

WOOD - Any original item made of wood. Examples are: wood carving, sculpture, collage, woodburning, etc. Utilitarian wood items made from patterns or kits (example: outdoor or

indoor furniture, shelves) should not be entered in visual arts. Popsicle stick crafts are not acceptable for this entry. Wood items that have been partially or totally created through the use of laser cutting programs/devices should be entered in Computer-Generated Art. All Visual Arts Wood exhibits MUST have an artistic element that the exhibitor can explain. Furniture built by the exhibitor aligns with the Woodworking project area – unless the element to be judged is wood carving or wood burning that is one element of the exhibit. Exhibits will be judged using a Visual Arts Rubric and not a woodworking construction rubric.

***WOOD - Non-Original**

4x 3x 2x

HERITAGE ARTS – Exhibit an item of **traditional** art learned from another person or **from a pattern** (NO KITS) may be entered in this class. Non-original cross-stitched, knitted and crocheted items by pattern fit in this class. ALL ORIGINAL cross-stitched, knitted and crocheted items should be exhibited in Fiber Arts; (machine knitted items ARE NOT acceptable for this class.) Other possibilities include: needlepoint, counted cross stitch, crewel, embroidery, cut work, hardanger (embroidery, openwork), macramé, baskets (made with a traditional pattern), candles, pysanki (decorated eggs), quilts, traditional handmade dolls with handmade costumes or candles. No machine quilting allowed in Heritage Arts.

*****Exhibitors must also bring:**

1. The pattern or a copy of the pattern they used to create their traditional art; and
2. A description of the traditional origins of their art choice.

4x 3x 2x

***MISCELLANEOUS** – This category is for any item of artwork not fitting into any of the descriptions listed above.

FOOD DECORATING: BEGINNING

4x 3x 2x

- Exhibit four decorated cookies, using a minimum of four different techniques. Exhibit may use cookies OR cookie forms.
- Exhibit four decorated cupcakes, using a minimum of four different techniques. Exhibit may use cupcakes OR cupcake forms.
- Exhibit a single layer decorated cake, using a minimum of four different techniques. Exhibit may use cake OR cake form.

FOOD DECORATING: INTERMEDIATE

4x 3x 2x

- Exhibit four decorated cookies, using a minimum of five Level 2 techniques. Exhibit may use cookies OR cookie forms.
- Exhibit four decorated cupcakes, using a minimum of five Level 2 techniques. Exhibit may use cupcakes OR cupcake forms.
- Exhibit a single layer or two-layer cakes, using a minimum of five Level 2 techniques. Exhibit may use cake OR cake form.

FOOD DECORATING: ADVANCED

4x 3x 2x

Exhibit a decorated, stacked and/or tiered cake, using a minimum of four Level 3 techniques. Exhibit may use cake or cake form.

FOOD DECORATING: MASTER

4x 3x 2x

Write a one-page written description of your project, including your goals, plans, accomplishments, and evaluation of results. Include up to four pictures of your

accomplishments AND exhibit an original design decorated cake using more than five techniques. Exhibit may use cake or cake form.

SCRAPBOOKING: BEGINNING

4x 3x 2x

Exhibit one album or notebook, either 8 ½" x 11" or 12"x12", with a front and back cover. The album/notebook must have a minimum of 4 pages (front and back, 8 sides), exhibited in page protectors. Beginners must use a minimum of four embellishments and tell a story with pictures. "Embellishments" are defined as the decorations or special details and features that add to a page and make it more visually appealing. Embellishments may include, but are not limited to, ribbon, clips, special lettering, etc.

SCRAPBOOKING: INTERMEDIATE

4x 3x 2x

Exhibit one album or notebook, either 8 ½" x 11" or 12"x12", with a front and back cover. The album/notebook must have a minimum of 4 pages (front and back, 8 sides), exhibited in page protectors. Intermediate level exhibitors must use a minimum of eight embellishments and tell a story with pictures and journaling. "Embellishments" are defined as the decorations or special details and features that add to a page and make it more visually appealing. Embellishments may include, but are not limited to, ribbon, clips, special lettering, etc.

SCRAPBOOKING: ADVANCED

4x 3x 2x

Exhibit one album or notebook, either 8 ½" x 11" or 12"x12", with a front and back cover. The album/notebook must have a minimum of 4 pages (front and back, 8 sides), exhibited in page protectors. Advance level exhibitors must use a minimum of 12 embellishments and tell a compelling story with pictures, journaling, and other media. "Embellishments" are defined as the decorations or special details and features that add to a page and make it more visually appealing. Embellishments may include, but are not limited to, ribbon, clips, special lettering, etc.

VISUAL ARTS READY4LIFE CHALLENGE

4x 3x 2x

Open to 11- to 18-year-olds enrolled in any Visual Arts project) Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

VISUAL ARTS MAKER

4x 3x 2x

Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogrammed to perform a different function other than what it was designed to do
- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)

- Exhibits MUST include a detailed build log with instructions on how to make or build the exhibit, AND contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build MUST be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are HIGHLY encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also HIGHLY encouraged that exhibits use Open Source Software and/or Hardware in the build.

THREE BEST CREATIVE ART PROJECT PLAQUES WILL BE AWARDED FOR EXHIBITS IN EITHER VISUAL ARTS OR INTERIOR DESIGN. THE TOP KNITTING OR CROCHETING PROJECT WILL RECEIVE THE HUNTER MEMORIAL AWARD SPONSORED BY KINGSTON JUNIORS 4-H CLUB. THE TOP FOOD DECORATING PROJECT WILL RECEIVE THE BEST CREATIVE ART – FOOD DECORATING PLAQUE.

DIVISION: WEATHER

The following classes are for 4-H youth 8 to 18 years of age. Weather projects will be judged on **Wednesday, July 8, 2020.**

One 4-H'er can be selected for the Illinois State Fair for the weather class. One 4-H'er can be selected for the Illinois State Fair from the Weather Ready4Life Challenge.

	Blue	Red	White
WEATHER AND CLIMATE SCIENCE 1	4x	3x	2x
Exhibit any product or display illustrating an activity from the book. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.			

	Blue	Red	White
WEATHER AND CLIMATE SCIENCE 2	4x	3x	2x
Exhibit any product or display illustrating an activity from the book. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.			

WEATHER AND CLIMATE SCIENCE 3

4x 3x 2x

Exhibit any product or display illustrating an activity from the book. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

WEATHER READY4LIFE CHALLENGE

4x 3x 2x

Open to 11- to 18-year-olds enrolled in any Weather and Climate project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

WEATHER MAKER

4x 3x 2x

Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogrammed to perform a different function other than what it was designed to do)
- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are **HIGHLY** encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also **HIGHLY** encouraged that exhibits use Open Source Software and/or Hardware in the build.

The Department of Agriculture shall use its best efforts to secure sufficient appropriations to fund premiums. In any year for which the General Assembly of the State of Illinois fails to make an appropriation sufficient to pay such premiums, premiums amounts may not be accurately reflected in this Premium Book.

DIVISION: WELDING

The following classes are for 4-H youth 8 to 18 years of age. Welding projects will be judged on **Wednesday, July 8, 2020.**

Two 4-H'ers can be selected for the Illinois State Fair for the welding class. One 4-H'er can be selected for the Illinois State Fair from the Welding Ready4Life Challenge.

WELDING

Blue Red White
4x 3x 2x

This exhibit class is open to members who are in the 7th grade and higher. Exhibit one Arc weldment/item demonstration the skill level of the exhibitor. Members new to the project should consider selecting a weldment from the suggested *Weldment List* found on page 43 of *Arcs and Sparks* – Shielded Metal Arc Welding. **This class is for industrial welding only.** Members that wish to use welding to create objects with an artistic appeal should consider enrolling in the 4-H Visual Arts project and consider entering those types of exhibits in the Visual Arts – Metal class. **Exhibits must be portable and cannot be exhibited on a trailer.**

WELDING READY4LIFE CHALLENGE

4x 3x 2x

Open to 11- to 18-year-olds enrolled in any Welding project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

WELDING MAKER

4x 3x 2x

Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogramed to perform a different function other than what it was designed to do)
- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are **HIGHLY** encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-**

D printing or laser cutting an object without the other specifications does not qualify as a Maker Project). It is also HIGHLY encouraged that exhibits use Open Source Software and/or Hardware in the build.

THREE BEST STEM PROJECT PLAQUES WILL BE AWARDED FOR EXHIBITS IN EITHER AEROSPACE, BICYCLE, ELECTRICITY, SMALL ENGINES, TRACTOR OR WELDING.

DIVISION: WOODWORKING

The following classes are for 4-H youth 8 to 18 years of age. Woodworking projects will be judged on **Wednesday, July 8, 2020.**

Two 4-H'ers can be selected for the Illinois State Fair from Woodworking classes. One 4-H'er can be selected for the Illinois State Fair from the Woodworking Ready4Life Challenge.

***NOTE: Exhibits must be portable and cannot be exhibited on a trailer.

	Blue	Red	White
WOODWORKING 1	4x	3x	2x
Any item made of wood constructed or refinished by the member, appropriate for their age, skill and ability in this project. Pre-cut kits assembled by the member are not acceptable.			
WOODWORKING 2	4x	3x	2x
Any item made of wood constructed or refinished by the member, appropriate for their age, in this project. Pre-cut kits assembled by the member are not acceptable.			
WOODWORKING 3	4x	3x	2x
Any item made of wood constructed or refinished by the member, appropriate for their age, in this project. Pre-cut kits assembled by the member are not acceptable.			
WOODWORKING 4	4x	3x	2x
Any item made of wood constructed or refinished by the member, appropriate for their age, in this project. Pre-cut kits assembled by the member are not acceptable.			
WOODWORKING READY4LIFE CHALLENGE	4x	3x	2x
Open to 11- to 18-year-olds enrolled in any Woodworking project. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.			
WOODWORKING MAKER	4x	3x	2x
Three 4-H'ers can be selected for the Illinois State Fair total combined from all Maker exhibit divisions. Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines:			

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and MUST be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device MUST be modified structurally or be reprogramed to perform a different function other than what it was designed to do)
- Exhibit MUST be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits MUST include a detailed build log with instructions on how to make or build the exhibit, AND contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build MUST be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are HIGHLY encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also HIGHLY encouraged that exhibits use Open Source Software and/or Hardware in the build.

TWO BEST STEM PROJECT PLAQUES WILL BE AWARDED FOR EXHIBITS IN WOODWORKING.

**For Health Requirement Information:
Illinois Department of Agriculture
Bureau of Animal Health and Welfare
State Fairgrounds P.O. Box 19281
Springfield, IL 62794-9281
Phone (217) 782-4944
2020 Exhibition Livestock Health Requirements
County Fairs**

GENERAL REQUIREMENTS

These Exhibition Health Requirements apply to all livestock present at the fair including those animals that are not entered in competitive events.

1. Exhibitors are required to familiarize themselves with all rules applicable to their exhibits. All out-of-state animals shall require an entry permit. Entry permit numbers are available by calling the Illinois Department of Agriculture, Monday through Friday from 8:00 AM to 4:30 PM, at 217/782-4944. Permits may also be obtained online at: <http://www.agr.state.il.us/AnimalHW/animalregistry/login.php>
2. All animals, except as noted, shall be accompanied by a Certificate of Veterinary Inspection (CVI) which shows that the animal meets all health requirements for the State of Illinois. CVI's shall be made available to Bureau of Animal Health Personnel on request.

CVI means a legible record made on an official form from the state of origin which has been issued, signed and dated by an accredited veterinarian and which shows the name and address of the animal's owner or exhibitor and the results of all required tests or vaccinations. A CVI shall list only one animal identification per line; shall be presented on the form on which it was initially issued; and shall not be corrected, changed or altered in any manner.

3. All animals shall be officially identified. The animal(s) official identification shall be recorded on the CVI.
4. If animals are from tuberculosis accredited, brucellosis certified, pseudorabies qualified, or brucellosis validated herds, the identifying herd number(s) along with the date of the last herd test(s) shall appear on the CVI.
5. CVI for out-of-state livestock shall be void thirty (30) days after issuance.
6. CVI for Illinois-origin livestock shall be void ninety (90) days after issuance.
7. All livestock shall be subject to examination upon entry to any Illinois fair or exhibition. Any animal showing evidence of infectious, contagious or communicable diseases shall be immediately withdrawn and held in quarantine at the owner's risk and expense until properly treated and recovered, or until the animal is released to return to the owner's premise. Any livestock infected with scabies, mange, active lesions of ringworm, soremouth, or multiple warts which are easily visible without close examination shall not be permitted to exhibit and are subject to quarantine or removal from the fairgrounds. Sheep and goats with caseous lymphadenitis as evidenced by draining abscesses shall not be exhibited and are subject to immediate quarantine or removal from the fairgrounds.
8. Illinois Department of Agriculture personnel or designee may collect blood, tissue, milk or urine samples from any animal being exhibited and/or raced at any Illinois fair to test for the presence of illegal drugs or banned substances. New examination techniques, such as ultrasound, may also be used at any time while the animals are on the grounds of any Illinois fair or exhibit.

The Illinois Department of Agriculture or designee may collect urine, blood, tissue or other test samples from exhibition animals at the time of slaughter.

9. All exhibitors of animals at any Illinois fair or exhibition shall comply with the provisions of the Illinois Humane Care for Animals Act. If violations are observed, the animal(s) will be excused from exhibition and ordered removed from the grounds with all awards being forfeited. Any practice or deviation from normal, accepted care, including physical, medical or mechanical application, shall constitute a violation of show rules and may result in the animal(s) disqualification and removal from the fairgrounds.
10. Any Illinois cattle, bison, cervidae or goats being exhibited in non-accredited free states must be isolated from the remainder of the herd/flock upon return to Illinois and retested for tuberculosis 60-120 days post-entry.

CATTLE

Identification

Individual identification of each animal shall be either a fully healed and legible tattoo, approved official ear tag, registration number (can only be used if the tattoo is recorded on the registration certificate or for breeds where pictures are acceptable), or individual brands, if brand is recorded on the registration certificate.

Illinois Cattle

Brucellosis

Illinois is a Bovine Brucellosis Class-Free State. Brucellosis testing is not required for Illinois cattle.

Tuberculosis

Illinois is an Accredited Tuberculosis- Free State. Tuberculin testing is not required for Illinois cattle.

Please note: Illinois calves under 6 months of age, and Illinois steers are not required to have a Certificate of Veterinary Inspection.

SWINE

Illinois Swine

Identification

1. Swine shall be identified by an official ear tag, tattoo or recognized breed ear notch.
2. Ear notch identification is acceptable for barrows, crossbred gilts and breeding swine.

(Note: Ear notch identification of crossbred swine does not satisfy USDA identification requirements for interstate movement or official testing.)

Brucellosis

Brucellosis testing is not required for Illinois swine.

Pseudorabies

Pseudorabies testing is not required for Illinois swine.

SHEEP

Identification

Individual identification of each animal shall be by an ear tattoo or official metal or plastic tag. A microchip ID is acceptable if the owner provides the reader.

Ear tattoos may be used when a registration certificate, listing the tattoo number,

accompanies the animal.

When using ear tags, the tag must indicate the premises ID and state of origin. The tag number must be assigned by a state or APHIS representative and recorded in the Scrapie Record Database.

Market Lambs

All wethers must be slick shorn (show ring ready) before weigh-in so that show lamb fungus can be identified.

Illinois Sheep

1. Sheep originating from a flock that has previously been classified as either an infected or source flock can be exhibited in Illinois upon the completion of an approved flock plan.
2. For any animal born after 1/1/2002, the CVI must include the flock of birth and the flock of origin, if different.

GOATS

Identification

Individual identification of each animal shall be by an ear tattoo or official metal or plastic tag. A microchip ID is acceptable if the owner provides the reader.

Tattoos may be used when a registration certificate, listing the tattoo number, accompanies the animal.

When using ear tags, the tag must indicate the premises ID and state of origin. The tag number must be assigned by a state or APHIS representative and recorded in the Scrapie Record Database.

Ears should be used for tattooing when possible. If there is no space in the ear, the flank or tail fold may be used.

Illinois Goats

1. Goats originating from a herd that has previously been classified as either an infected or source herd can be exhibited in Illinois upon the completion of an approved herd plan.
2. For any animal born after 1/1/2002, the CVI must include the flock of birth and the flock of origin, if different.

HORSES, PONIES, MULES AND OTHER EQUIDAE

Illinois Equine

1. All horses and other equidae, twelve (12) months of age and older attending an advertised equine event, shall be accompanied by a negative test for equine infectious anemia (EIA) conducted within the last twelve (12) months. A copy of this test shall accompany the animal.
2. AGID (Coggins) or ELISA tests are accepted.
3. An advertised equine event means a show, rodeo, sale, auction, exhibition, trail ride, or horse fair that is posted or media promoted.
4. A CVI is not required for Illinois equine.

POULTRY

1. All entries (except waterfowl, i.e. domesticated fowl that normally swim, such as ducks and geese) in a show or exhibition shall have originated from a U.S. Pullorum-Typhoid Clean or equivalent hatchery or flock OR have a negative pullorum-typhoid test within 90 days prior to exhibition. Exhibitor shall show proper information as to name and address of owner or exhibitor, name and address of the authorized testing agent, date of the testing and the number, breed, and species of those tested.
2. Prior to being used to transport poultry to a show, all crates, boxes, containers and vehicles shall be thoroughly cleaned and disinfected.
3. Any poultry vaccinations must be performed at least 4 weeks prior to delivery to the show.
4. Upon admission to a show, all entries shall be examined by the official county fair veterinarian or qualified state personnel who shall also receive and examine all certificates necessary for admission of birds to a show. Birds not in show condition will be excused from exhibition and removed from the premises. Any fowl showing signs of illness during the fair will be removed from the exhibition grounds.
5. All out-of-state turkeys must originate from flocks that are officially classified as U.S. Mycoplasma Gallisepticum Clean in accordance with the provisions of the National Poultry Improvement Plan or be negative to a test for Mycoplasma gallisepticum within 30 days prior to entry.
6. A permit is also required for out-of-state poultry. A permit may be obtained by calling (217) 782-4944.

Please note: These poultry exhibition requirements do not apply to 4-H and FFA 1-day poultry shows where the entries are taken to the show and returned home the same day. However, a permit is required for out-of-state poultry.

RABBITS

There are no requirements governing the movements of rabbits within or into Illinois.

NOTE: DeKalb County 4-H Fair is a Division 1 Fair.

DEKALB COUNTY 4-H BLUE RIBBON LIVESTOCK AUCTION RULES & REGULATIONS

OBJECTIVE OF SHOW AND SALE:

- A. Financially support 4-H and encourage the growth and expansion of livestock projects.
- B. Train youth in the proper handling, fitting and showing of livestock.

The sale is under the supervision of the livestock auction committee.

GENERAL REGULATIONS

- A. To be eligible 4-H'ers must conform to the show rules and the following auction rules:
 - **Exhibitor must have attended at least six 4-H club meetings**
 - **Exhibitor must have completed a 4-H project plan and have it signed by the 4-H club leader, and the**
 - **Exhibitor must have given a talk or demonstration at 4-H club meeting.**
 - **4-H club leaders must verify this participation prior to the 4-H Fair, and 4-H members should have club leader sign off on the appropriate form and turn it into the Extension office by June 15.**
 - **Exhibitor must be certified in Youth for the Quality Care of Animals (YQCA,) or Pork Quality Assurance (PQA) if their certification is still valid.**
 - **Only livestock exhibits receiving a blue rating will be eligible for the livestock auction.**
- B. **All exhibitors are expected to wear proper attire for the show ring and sale ring. Safety should be the issue for the attire. Suggested attire includes: hard shoes, long pants and a collared shirt.**
- C. Exhibitors will be allowed to sell one entry per species with a maximum of 2 species.
- D. Responsibility for loss, damage or injury of animals in transit to the sale, prior to the sale and during the sale is the responsibility of the exhibitor.
- E. Animals consigned for slaughter immediately following the show shall not receive any treatment with drugs, biologics or growth stimulants within the withdrawal time period prior to slaughter. Withdrawal times for drugs and biologics are all stated on the directions for use. Label directions and veterinary instructions must be followed at all times.
- F. Livestock auction committee reserves the right to qualify or disqualify any animal.
- G. Conduct unbecoming shall result in the exhibitor being immediately disqualified by the livestock auction committee.
- H. Checks may be picked up at an Auction Committee Meeting on date Tuesday, September 22. **ONLY WHEN COMPLETED THANK YOU NOTES TO THE BUYER(S) ARE TURNED IN WILL CHECKS BE GIVEN.**
- I. There will be no re-weighs. Exhibitor may ask for a balance of the scales.
- J. Any violation of a rule is grounds for disqualification from the sale. This will be decided by the auction committee.
- K. **The sale is open only to 4-H members enrolled in DeKalb County 4-H clubs.**
- L. Only market animals will be sold, with the exception of the dairy division, bucket calves, rabbits and poultry.
- M. Members wishing to sell must consign livestock when fair entries are due.
- N. All animals will be sold on Friday's weigh-in weight. \$35 commission will be charged per sale unit for the promotion and improvement of the auction. 4-H'ers retaining ownership on their animals will pay the commission.
- O. **Sale order will be dairy, rabbits, poultry, bucket calves (sold by the head), swine, beef, (sold by the pound), sheep and goats (sold per head). Sale order within species will be determined at random.**

- P. Exhibitors will feed and care for the animals until the animal is loaded on Sunday. Auctioned animals are released at this time unless other arrangements are made between the buyer and seller.

- Q. **4-H'ers leaving the fairgrounds before the completion of the livestock auction will forfeit auction premiums above floor/market price. All youth and animals are expected and required to remain on the fairgrounds until the completion of the auction. 4-H'ers loading trucks and trailers during the auction are also subject to forfeiting their auction money. While the auction is going on youth should be present to assist their fellow 4-H'ers and in showing their gratitude to the supporters that have purchased and bid on animals at the auction. Distractions within the barns should not be happening while the auction is in process.**
- R. **Following the sale, the 4-H member MUST be present to assist in loading his or her animal on the truck. No animals will be released until all sale animals have been accounted for and loaded.**
- S. **4-H'ers not present during the auction line-up of animals into the sale arena will be skipped and will not be included in the livestock auction sale.**
- T. **All exhibits must have received a blue ribbon in order to be sold in the auction.**

U. State health regulations will be adhered to.

V. Bidding will be open to the public. All sales will be final. Buyers must clarify intended use of the animal immediately following the sale of that individual. Cash settlement or satisfactory payment arrangements need to be made immediately following the close of the auction.

W. No donated animals will be allowed to resale at the auction.

X. **The livestock committee will retain a floor bid for beef and swine to ensure youth will receive the market value of the animal sold. Sheep, bucket calves, dairy, goats, rabbits, and poultry will be sold on a per head/pen/item basis and 4-H members will retain ownership. Beef and swine will be sold on a per pound basis.**

Y. Transportation charges will be deducted from auction checks where animals are being transported on behalf of the auction to Eickmans.

Z. **PLEASE MAKE NOTE - The Auction Committee will only haul animals purchased by buyers in the auction to Eickmann's for processing. 4-H'ers wishing to have animals processed at Eickmann's for their use will need to make their own arrangements. The Auction Committee will NOT be hauling hogs to market.**

AA. 4-H members wishing to continue showing their beef or swine project after the 4-H Fair must "Retain Ownership" of their animal(s) and will receive the difference between sale price and market price, minus the auction commission.

AUCTION SPECIES RULES

SWINE

A. The top pay-weight for swine consigned to the sale will be 275 pounds. Therefore 4-H'ers having a hog weighing 276+ pounds will only receive payment for 275 pounds.

B. All swine need to be in the barns and **penned by 11:00 a.m. on Friday, prior to weigh-ins** beginning at 12:00 noon. Swine Superintendents and Assistants will be at the swine barns between 8:00 – 11:00 a.m. **No animals will be weighed from trucks/trailers.** If you can't make it by 11:00 call Jeff Marco at (815) 751-1020 or Hayden Kuhn at 815-315-7866.

A. Pay-weight will have average shrink deducted.

B. Youth with swine that are too light or heavy will have checks reflecting deduction due to inappropriate market weight.

C. All youth showing swine are required to be certified in Youth for the Quality Care of Animals or Pork Quality Assurance Plus (PQA only if their certification is still valid) during the current year.

- D. Since the swine show is non-terminal youth may have the option of retaining ownership of their swine.
- E. A Certificate of Veterinary Inspection is required on all swine exhibits. Please make note that for Illinois pseudorabies testing is not required.

BEEF

- A. Calves with horns will not be allowed to enter the show or sale.
- B. All calves must be halter broken.
- C. All male calves must be castrated and completely healed prior to their entry on the fairgrounds.
- D. Steers must weigh a minimum of 1100 lbs.
- E. Heifers must weigh a minimum of 1000 lbs.
- F. Animals will be checked-in and weighed between 4:00 p.m. and 7:00 p.m. on Friday, July 31.
- G. The top pay-weight for beef consigned to the sale will be 1400 pounds. Therefore 4-H'ers having a beef animal weighing 1401+ pounds will only receive pay-weight for 1400 lbs.
- H. Pay-weight will have average shrink deducted.
- I. Youth with beef under the minimum weights may enter the auction, but must retain ownership.
- J. Youth with cattle that are too heavy will have checks reflecting deductions due to inappropriate market weights.
- K. For Bucket Calves - Champions in each age division will be eligible to sell calves in the 4-H Auction, providing they meet auction requirements.
- L. For overnight purposes, it is recommended that cattle be neck tied and halter tied to the stables.
- M. All youth showing a beef project are required to be certified in Youth for the Quality Care of Animals during the current year.

SHEEP

- A. It is highly recommended that market lambs weigh between 110 and 140 pounds.
- B. All lambs must be docked and shorn within 10 days prior to the show and sale and all male lambs must be castrated and completely healed.
- C. Animals will be weighed and checked-in between 12:30 p.m. and 3:00 p.m. on Friday, July 31.
- D. All youth showing a sheep project are required to be certified in Youth for the Quality Care of Animals during the current year.

FUR, FEATHERS AND GOATS

- A. Must be a blue ribbon award animal.
- B. The Grand Champion and Reserve Grand Champion Rabbits of Show, the Grand Champion and Reserve Grand Champion Rabbit Meat Pens, the Grand Champion and Reserve Grand Champion Poultry of Show, and the Grand Champion and Reserve Grand Champion Poultry Meat Pen are all eligible to sell in the Blue Ribbon Auction. The Grand and Reserve Champions of Show would be required to retain ownership of their animals.
- C. All Market Goats from class 112 will be eligible for the Livestock Auction as long as the youth have met the criteria and guidelines required for participating in the auction.
- D. All youth showing a goat project are required to be certified in Youth for the Quality Care of Animals during the current year.
- E. Youth selling rabbits, poultry and goats in the auction must meet the criteria and guidelines required for participating in the auction and have completed and turned in the Auction Participation Form into the Extension office by June 15. The requirements for the auction are as follows: Attend six 4-H Club meetings, doing a talk/demonstration, and complete and a 4-H project plan that has been signed by the 4-H club leader.
- F. Pay-weight will have average shrink deducted.

- G. **Goats with horns are not permitted on the fairgrounds unless they are REGISTERED FEMALE BOER GOATS being shown in the 4-H Meat Goat Classes 107-111. Registration papers must be presented at the 4-H Fair to the Goat Superintendent.**
- H. All male goats must be castrated and completely healed prior to entering the fairgrounds.

DAIRY

- A. The Grand Champion Overall Breeds and the Junior Champion Overall Breeds in the dairy department.
- B. These 4-H'ers will retain ownership of their animals.

LIVESTOCK SHOW - SPECIAL 4-H RULES

Note: The following rules pertain to 4-H livestock exhibited in the Swine, Sheep, Dairy, Goat, Beef, Poultry, Rabbit and Horse Shows on the Sandwich Fairgrounds, July 31 & August 1-2. These livestock classes are for 4-H members ages 8-18 as of September 1 of the current year.

1. ANIMAL HEALTH - STATE HEALTH RULES, pages 97 through 100. A veterinarian must check health papers before the animals may be unloaded.
2. ARRIVAL - Livestock check in as follows: Friday, July 31, 2020: 8:00 – 11:00 a.m. for swine; Noon weigh-in for swine however **all swine must be penned before weigh-ins**; 12:30 p.m. to 3:00 p.m. for sheep and goats; beef will be weighed and checked-in between 4:00 and 7:00 p.m. On Saturday, August 1, 2020: 8-10 a.m. for dairy cattle; 9:15-9:45 a.m. for rabbits; 2:30-3:00 p.m. for poultry.
3. Livestock trailers should be parked north of the swine show ring and away from the horse arena.
4. WEIGHING - Each exhibitor is responsible for seeing that his/her market animals (steers, hogs, or market sheep & market goats) are weighed during check in or when specified by the superintendent.
5. Exhibitors must furnish their animals bedding and feed. They are responsible for keeping their own animals fed and watered, and in clean stalls at all times.
5. REGISTRATION PAPERS - or a certificate of eligibility forms (Land of Lincoln) signed by the Secretary of the respective breed organization will be required to show in the purebred classes. Registration papers should be presented to the department supervisor during check-in and will be returned on Sunday. Members failing to present acceptable registration papers on the day of showing will show in grade classes.
6. EFFECTIVE DATE OF OWNERSHIP - must appear on all registration papers. Dates for required ownership of purebred as well as unregistered animals are:

Market Beef (steers & heifers) must be owned by February 1, present year.

Breeding Beef Heifers: owned since June 1, present year.

Beef/Dairy Calf and Bucket Calf: owned since May 1, present year.

Beef & Dairy cow: owned since January 1, present year.

Dairy Heifers: owned since May 1, present year.

Dairy Calf: owned since May 1, present year.

Market & Breeding Sheep: owned since May 1, present year.

Goats, Milking Does & Meat Does: owned since January 1, present year.

Goats, All other: owned since May 1, present year.

Horses: owned or leased by May 1, present year.

Swine must be farrowed and in the exhibitors possession by June 1 of the present year.

Rabbits: owned since June 1, present year.

Poultry: owned since June 1, present year.

7. 4-H members are limited to receive one premium per weight class exhibited in premium eligible projects. (In other words if the 4-H'er has two animals that end up in the same class or weight class, the 4-H'er will only receive one premium even though 2 or more animals were exhibited.)

All classes of livestock must fall within the age limits listed in each department.

Members are limited to the number of animals they may show as specified by species.

Beef - 3 breeding animals and 3 market animals

Dairy - 6 animals

Goats - 12 animals (10 breeding and 2 market)

Sheep - 4 market animals & 8 breeding animals

Poultry and Rabbits - 6 animals

Swine - 3 animals (animals for pairs class must be same sex)

Appropriate attire is expected in the show ring and sale ring. Safety should be the issue for the attire. Suggested attire: hard shoes, long pants and a collared shirt. (No shorts, open toed shoes, or hats.)

8. All animals must be exhibited in the show ring by 4-H owners. In cases of sickness, two entries, or a judging conflict, another 4-H member may be secured to help.
9. **PARENTS CANNOT SHOW 4-H MEMBER'S ANIMAL(S).**
10. All classes will be placed on the basis of Blue, Red and White ratings. Ribbons and premiums will be offered in all 4-H show classes.
11. The 4-H member must be the owner of the animals exhibited at the fair. Professional fitters **will not be allowed** to assist in the 4-H Show. 4-H'ers may be assisted with the fitting of the animal by a family member (mother, father, siblings, grandparents or legal guardian) or by another 4-H member of DeKalb County when fitting the animal for show.

12. **STAYING OVERNIGHT ON GROUND:** Reminder to all 4-H members...Youth must have their 4-H membership card and a designated adult chaperon if staying overnight on the fairgrounds. Other youth will not be permitted to stay overnight.
 - A. The member's parents must grant their permission on the Overnight Permission Blank.
 - B. The member must also have the signature of the person agreeing to serve as their chaperon on his/her Overnight Permission Blank.
 - C. Chaperons are responsible for youth under their care.
 - D. **NO** alcohol, nonprescription drugs, cigarettes, or tobacco products will be consumed or used by the 4-H members. ***No alcohol, marijuana, or illegal drugs should be consumed or used by the adults while at the fair. Smoking is not permitted in any of the barns.***
 - E. All 4-H members staying overnight must have their 4-H membership card for the current year with them at all times. Individuals failing to provide a 4-H membership card to authorities after 10 p.m. will not be permitted to stay on the fairgrounds.
 - F. Individuals' using/consuming alcohol, marijuana, or other illegal products on the fairgrounds will be escorted off the grounds by a Sheriff's Deputy.
 - G. **Again this year the Sandwich Fairgrounds is asking for a donation from everyone that is spending the night at the fairgrounds and using electricity for their trailers. Please make a free will donation to the Sandwich Fair when you turn in your Overnight Permission Form.**

13. Gates close at 10:00 p.m. each night.

14. **ALL EXHIBITS MUST REMAIN ON THE GROUNDS UNTIL THE CONCLUSION OF THE AUCTION SUNDAY, AUGUST 2. EXHIBITORS WITH ANIMALS NEEDING TO BE LOADED ON TRUCKS FOR MARKET MUST ALSO REMAIN ON THE FAIRGROUNDS UNTIL THEIR ANIMALS HAVE BEEN LOADED.**
15. Violations of these listed rules will cause all monetary awards to be withheld and parents will be contacted immediately.
16. The 4-H Show sponsors and owners assume no liability in case of accident to exhibitors, persons, personal property, or any loss occasioned by fire or theft.

17. First year members are required to participate in the Quality Assurance & Ethics training via the web in order to be eligible to participate in the 4-H Fair. The website address is as follows <http://web.extension.illinois.edu/qaec/> First year animal exhibitors failing to register through this website will be ineligible to compete in the 4-H Show.

18. 4-H'ers should make note that those leaving the fairgrounds prior to the completion of the livestock auction will forfeit their auction premiums above the floor/market price as decided by the Blue Ribbon Livestock Auction Committee.
19. Judging for clean pens and stalls will take place on both Saturday and Sunday during undisclosed times. Departments involved with the clean pen & stall judging will be beef, sheep, swine, dairy & goats. Club awards will be announced prior to the auction. First place clubs will be awarded \$50; second place \$30; third place \$20.

The Department of Agriculture shall use its best efforts to secure sufficient appropriations to fund premiums. In any year for which the General Assembly of the State of Illinois fails to make an appropriation sufficient to pay such premiums, premiums amounts may not be accurately reflected in this Premium Book.

Special Thanks to



ADM

**Archer Daniels
Midland**

**For sponsoring
the cost of
the fairgrounds
and PA system
for the 4-H Fair**

SHOWMANSHIP SWEEPSTAKES
Sunday, August 2, 2020, 10:00 a.m.
Swine Arena

The Showmanship Sweepstakes will be held to determine the overall Champion Livestock Showman of the 4-H Fair. The winner of the Senior Division Showmanship in Beef, Sheep, Goats and Swine will compete in the Showmanship Sweepstakes.

1. Each contestant will be responsible for lining up their own animals for the contest. Animals will be NOT be provided to contestants.
2. Each contestant will have an opportunity to show each species in this class to prove their showmanship ability.
3. A judge, from each livestock department being represented in the contest, will rank each participant on their ability to show and answer questions related to the particular species they are judging. The 1st place person will receive the number of points there are participants, 2nd place the next highest number and so on. For example if there are 5 participants the first place individual would get 5 points, second place 4 points...etc. The points from all livestock judges will be added together to determine the overall winner of the Showmanship Sweepstakes, which will be the 4-H'er with the highest score.

The winner of the Showmanship Sweepstakes will receive a plaque.



ADULT SHOWMANSHIP CONTEST
Saturday, August 1, 2020, 5:30 PM
Swine Arena

The DeKalb Count 4-H Foundation is sponsoring a fun and entertaining Adult Showmanship Contest on **Saturday, August 1 at 5:30 PM** in the swine arena.

Prizes will be awarded!

1. Nominate your friends, neighbors, family or retired showman for \$10. Let them know about their nomination if they decide to show GREAT. If not, they can buy out for \$20.
2. This is a fundraiser for the DeKalb County 4-H Foundation
3. Must be 19 or older and no longer in 4-H.
4. Nominations can be in either swine, goats or sheep.
5. Nominations will be taken in the fair office or the swine arena.
6. Nominees will secure their own animals to exhibit for showmanship.

BEEF CATTLE - DEPARTMENT A
Judged Saturday, August 1, 2020 12:00 p.m.
Beef Arena
Superintendents: Greg Pritchard & Kevin Faivre

4-H member must be the owner of the animals exhibited at the fair. Professional fitters **will not be allowed** to assist in the 4-H Show.

4-H'ers may be assisted with the fitting of the animal by an immediate family member (mother, father, siblings or legal guardian) or by another 4-H member of DeKalb County when fitting the animal for show.

Appropriate attire is expected in the show ring and sale ring. Safety should be the issue for attire. Suggested attire: hard shoes, long pants and a collared shirt. (No shorts, open-toed shoes, or hats.)

First year members are required to participate in the Quality Assurance & Ethics training via the web in order to be eligible to participate in the 4-H Fair. The website address is as follows: <http://web.extension.illinois.edu/gaec/>. First year animal exhibitors failing to register through this website will be ineligible to compete in the 4-H Show.

All youth showing a beef project are required to be certified in Youth for the Quality Care of Animals during the current year.

Decisions made by the superintendents will be final.

It is recommended that beef animals be haltered and neck tied while being housed at the fairgrounds for safety reasons.

Illinois Health Requirements for Cattle:

All animals, except as noted, shall be accompanied by a Certificate of Veterinary Inspection (CVI) which shows that the animal meets all health requirements for the State of Illinois. CVI's shall be made available to Bureau of Animal Health Personnel on request.

CVI means a legible record made on an official form from the state of origin which has been issued, signed and dated by an accredited veterinarian and which shows the name and address of the animal's owner or exhibitor and the results of all required tests or vaccinations. A CVI shall list only one animal identification per line; shall be presented on the form on which it was initially issued; and shall not be corrected, changed or altered in any manner.

All animals shall be officially identified. The animal(s) official identification shall be recorded on the CVI.

Illinois calves under 6 months of age, and Illinois steers are not required to have a Certificate of Veterinary Inspection (CVI). Breeding animals over 6 months of age are required to have a CVI.

CVI for Illinois-origin livestock shall be void ninety (90) days after issuance.

4-H'ers leaving the fairgrounds before the completion of the livestock auction will forfeit auction premiums above floor/market price. All youth and animals are expected and required to remain on the fairgrounds until the completion of the auction. Loading of trucks and trailers during the auction is also prohibited and may result in 4-H'ers losing auction premiums.

BEEF EFFICIENCY CONTEST

Sponsored by: DeKalb-Kane Cattlemen's Association
LIVE JUDGING - SATURDAY, AUGUST 1, 2020

1. Members must have enrolled in the beef efficiency project and weighed their animals at the February 1 weigh-in.
2. The youth must keep records. Records should be completed and turned in during beef check-in on Friday at the beef superintendents table.
3. The Beef Efficiency Contest will be held at the beginning of the regular 4-H Beef Show. You may show your market steer at the county show and the Beef Efficiency Contest.
4. 4-H premiums paid will be using an X factor. Premium values will be:
Blue: 7X Red: 6X White: 5X
5. Judging of the Beef Efficiency Contest will be as follows:
 - a. Rate of Gain - This class will be determined by the two official weigh-in dates. The first being at beef weigh-in and the second at the fairgrounds.
 - b. Records/Interview - Participants will have an informal interview before the fair. The DeKalb-Kane Cattlemen's Association will select Judges.
 - c. Live Evaluation - Animals will be shown at the fair and evaluated by a judge. The judging will be based upon how animals would perform on the rail if slaughtered.
 - d. Ultrasound – Animals will be evaluated based on carcass quality as determined in an ultrasound reading at the fair.
 - e. Cattlemen's Association will provide the following premiums for each class:
1st: \$40 2nd: \$25 3rd: \$10
6. The individual who accumulates the most points from the Beef Efficiency Contest will receive the Overall Beef Efficiency Award.

BEEF EFFICIENCY CLASS

1 BEEF EFFICIENCY CLASS

BEEF BREEDING CLASSES

1. Entries are limited to one in each class regardless of breed (maximum 3 entries).
2. Beef breeding animals may be purebred or grade, but cannot be shown in the market beef classes. Purebred classes will require registration papers in the name of the exhibitor. Commercial breeding classes will handle unregistered animals and those without papers on show day.
3. Ownership deadline: See Livestock Show rules on pages 103-106.
4. All breeding classes will be combined according to age groups.
5. Purebred Heifer Classes will be further divided if there are 3 or more animals of a particular breed. Purebreds with less than 3 animals represented will be combined with other breeds.
6. Only female beef are eligible to exhibit in the beef breeding classes. 4-H'ers with female dairy bucket calves are eligible to exhibit in the dairy classes.
7. 4-H Premiums paid will be using an X factor. Premium values will be:
Blue: 7X Red: 6X White: 5X
8. **Extra Incentive for showing in Breeding Beef Classes:** As an extra incentive to show in the Beef Breeding Classes, each 4-H member will receive \$5/breeding beef animal. The Grand Champion Beef Female will receive \$100. The Reserve Grand Champion Beef Female will receive \$75. The Third Place Overall Beef Female will receive \$50. The Fourth Place Overall Beef Female will receive \$25. Sponsored by Hayes Land and Livestock LLC.

4-H BEEF BREEDING CLASSES

- 2 **PUREBRED SENIOR HEIFER CALF:** calved between Sept. 1, past year & Dec. 31, past year.
- 3 **PUREBRED SUMMER YEARLING HEIFER:** calved between May 1, past year & Aug. 31, past year.
- 4 **PUREBRED JUNIOR YEARLING HEIFER:** calved between Jan. 1, past year & April 30, past year.
- 5 **COMMERCIAL OR PUREBRED HEIFER CALF:** calved after Dec. 31, past year.
- 6 **COMMERCIAL BREEDING SENIOR HEIFER CALF:** calved between Sept. 1, past year & Dec. 31, past year.
- 7 **COMMERCIAL BREEDING BEEF YEARLING:** calved between June 1, past year & August 6, past year.
- 8 **COMMERCIAL BREEDING BEEF YEARLING:** calved between April 1, past year & May 31, past year.
- 9 **COMMERCIAL BREEDING BEEF YEARLING:** calved between Jan. 1, past year & March 31, past year.
- 10 **PUREBRED COW:** calved before January 1, past year.
- 11 **COMMERCIAL COW:** calved before January 1, past year.
- 12 **PUREBRED COW AND CALF:** calved after Jan. 1, current year.
- 13 **COMMERCIAL COW AND CALF:** calved after Jan. 1, current year.

BEEF BREEDING CHAMPIONS

Champion Heifer Purebred Female
Res. Champ Heifer Purebred Female
Champion Commercial Breeding Female
Res. Champ. Commercial Breeding Female
Grand Champion Beef Female
Res. Grand Champion Beef Female

4-H

Rosette
Rosette
Rosette
Rosette
Plaque + Banner
Rosette + Banner

BEEF AUCTION RULES

- A. Calves with horns will not be allowed to enter the show or sale.
- B. All calves must be halter broken.
- C. All male calves must be castrated and completely healed prior to their entry on the fairgrounds.
- D. Steers must weigh a minimum of 1100 lbs.
- E. Heifers must weigh a minimum of 1000 lbs.
- F. Animals will be weighed and checked-in between 4:00 p.m. and 7:00 p.m. on Friday, July 31, 2020.
- G. The top pay-weight for beef consigned to the sale will be 1400 pounds. Therefore 4-H'ers having a beef animal weighing 1401+ pounds will only receive pay-weight for 1400 lbs.
- H. Pay-weight will have average shrink deducted.
- I. Youth with beef under the minimum weights may enter the auction, but must retain ownership.
- J. Youth with cattle that are too heavy will have checks reflecting deductions due to inappropriate market weights.
- K. For Bucket Calves - Champions in each age division will be eligible to sell calves in the 4-H Auction, providing they meet auction requirements.
- L. For overnight purposes, it is recommended that cattle be neck tied and halter tied to the stables.

- M. All youth showing a beef project are required to be certified in Youth for the Quality Care of Animals during the current year.

BEEF MARKET CLASSES

1. Only three market animals may be entered regardless of breed or weight.
2. Steer may be purebred, grade or crossbred. Proof of parentage or registration papers are required for entries in classes 14-19. In cases of disagreements over breed eligibility, the superintendents will make the final class designation.
3. Ownership deadline: Beef steers and market heifers must be owned by February 1, present year.
4. Steers and market heifers must be weighed and checked-in between 4:00 and 7:00 p.m. on Friday, July 31, 2020. Classes will be divided into several weight groups, these groups will be determined after all market animals have been weighed. The beef superintendents will determine class breaks.
5. All youth showing a beef project are required to be certified in Youth for the Quality Care of Animals during the current year.

4-H members are limited to receive one premium per weight class exhibited in premium eligible projects. Example: If a 4-H'er has 3 crossbred steers and two of them end up in the same weight division, the 4-H'er will only receive one premium for that weight class. This rule was established by the Agriculture Premium Fund.

6. Minimum weights for animals in the auction are as follows: Steers - 1100 pounds: Heifers - 1000 pounds. The top pay-weight for beef animals entered in the auction will be 1400 pounds.
7. 4-H Premiums paid will be using an X factor. Premium values will be:
 Blue: 7X Red: 6X White: 5X

4-H BEEF MARKET CLASSES

- 14 MARKET HEIFER:** Class A, B, C, D, E, F
- 15 HEREFORD PUREBRED STEERS:** Class A, B, C, D, E, F
- 16 ANGUS PUREBRED STEERS:** Class A, B, C, D, E, F
- 17 SHORTHORN PUREBRED STEERS:** Class A, B, C, D, E, F
- 18 ALL OTHER PUREBRED STEERS:** Class A, B, C, D, E, F
- 19 CROSSBRED STEERS:** Class A, B, C, D, E, F, G, H, I

BEEF MARKET CHAMPIONS

4-H

Champion Market Heifer	Rosette
Res. Champ Market Heifer	Rosette
Champion Hereford Steer	Rosette
Res. Champ Hereford Steer	Rosette
Champion Angus Steer	Rosette
Reserve Champion Angus Steer	Rosette
Champion Shorthorn Steer	Rosette
Res. Champ Shorthorn Steer	Rosette
Champion All Other Breeds	Rosette
Res. Champ All Other Breeds	Rosette
Champion Crossbred	Rosette
Reserve Champion Crossbred	Rosette
Grand Champion Market Beef	Plaque
Res. Grand Champion Market	Rosette

LAND OF DEKALB CLASS

The DeKalb-Kane Cattlemen’s Association is sponsoring a class for locally bred and raised calves. To be eligible for this class, calves must be locally raised by a member of the DeKalb-Kane Cattlemen’s Association. Calves also must be nominated by the person who raised the animal. Nomination forms are available at the Farm Bureau office. These forms must be turned in with a nomination fee of \$25 per animal by a TBD date in July, to be paid by the breeder of the animal. Premiums will be prorated according to the number of participants in each class. The Cattlemen’s Association will supervise this class and will provide the top animal with a plaque.

20 LAND OF DEKALB CLASS

RETURNING BUCKET CALF CLASS

This returning bucket calf class is for those 4-H members that raised and showed a bucket calf at the 2019 4-H Fair, and continued to raise this calf into a mature animal for the 2020 4-H Fair. The number of classes will be determined based on the number of calves enrolled in this class. Animals will be judged on their appearances, just like the other market and breed classes.

21 RETURNING BUCKET CALF CLASS

RETURNING BUCKET CALF CHAMPIONS

Champion
Reserve Champion

4-H
Plaque
Rosette

BEEF SHOWMANSHIP

1. Showmanship Judging will be based on Appearance of Animals – 40%, Appearance of Exhibitor – 10%, and Showing Animals in Ring – 50%. The showmanship class will take place at the end of the beef show.
2. There will be three divisions – Junior Division (members 11 years and under as of Sept. 1, 2019); Intermediate Division (members 12-14 years as of Sept. 1, 2019); Senior Division (members 15 years and over as of Sept. 1, 2019).
3. Participants will always compete in their age appropriate division, and there is no limit to the number of times they may win their age division.
4. The winner in the senior division is eligible to compete in the Showmanship Sweepstakes, which will be held on Sunday, August 2, 2020 at 10:00 a.m. in the swine arena. See page 108 for contest information.
5. Classes are open to all who are interested that are enrolled and exhibiting a beef project.
6. An exhibitor entering showmanship competition is required to show his own animal fitted by herself/himself.
7. The judge will select a plaque winner from each age group.

BEEF SHOWMANSHIP

Senior Showmanship: 15 years & over
Intermediate Showmanship: 12-14 years
Junior Showmanship: 11 years & under

4-H
Plaque
Plaque
Plaque

BUCKET CALF

**This show will be held with the breeding beef show on Saturday, August 1 at 12:00 p.m.
In the Beef Arena**

1. Members must be enrolled in the Bucket Calf project in order to participate.
2. For bucket calf records, exhibit should include the 4-H Bucket Calf Record. These records must be turned in on **Friday, July 10, 2020** at the Farm Bureau office.
3. Each exhibitor will comply with the Livestock Show - Special 4-H Rules on pages 103-106.
4. A health certificate is not required, however calves should be healthy.
5. All male calves must be castrated and completely healed prior to their arrival at the 4-H Fair.
6. Calves will be haltered and tied in the barn.
7. Classes will be judged on the 4-H'ers knowledge of project; no emphasis will be placed on quality or confirmation of calf. Records will also be taken into account for the overall placings.
8. Classes will be divided into classes by age of the exhibitor in bucket calf show, as determined by the Cattlemen's Association and 4-H.
9. Calves must have been born between Feb. 1 & April 1 of the current project year and be on the property of the exhibitor by May 1, 2020.
10. One calf per exhibitor.
11. Sponsored by the DeKalb-Kane Cattlemen's Association and 4-H.
12. 4-H premiums paid will be using X factor. Premium values will be:
 Blue: 7x Red: 6x White: 5x
13. The DeKalb-Kane Cattlemen's Association will pay premiums for record placings in each class
14. The top overall winners in the live and record judging will be named champion in each class.
15. Champions in each class will be eligible to sell calves in the 4-H Auction, providing they meet auction requirements.

4-H BUCKET CALF CLASS

- 22 BUCKET CALF:** Classes will be determined by the age of the participants at the discretion of the members of DeKalb-Kane Cattlemen's Association and 4-H.

BUCKET CALF CHAMPIONS

Based on Age Divisions

4-H

Rosettes

The Department of Agriculture shall use its best efforts to secure sufficient appropriations to fund premiums. In any year for which the General Assembly of the State of Illinois fails to make an appropriation sufficient to pay such premiums, premiums amounts may not be accurately reflected in this Premium Book.

DAIRY CATTLE - DEPARTMENT B
Superintendent – Carol Boesche
Judged Saturday, August 1, 4:00 p.m.

A 4-H member must be the owner of the animals exhibited at the fair. Professional fitters **will not be allowed** to assist in the 4-H Show. 4-H'ers may be assisted with the fitting of the animal by a family member (mother, father, siblings, grandparents or legal guardian) or by another 4-H member of DeKalb County when fitting the animal for show.

Appropriate attire is expected in the show ring and sale ring. Safety should be the issue for the attire. Suggested attire: hard shoes, long pants and a collared shirt. (No shorts, open toed shoes, or hats.)

First year members are required to participate in the Quality Assurance & Ethics training via the web in order to be eligible to participate in the 4-H Fair. The website address is as follows: <http://web.extension.illinois.edu/qaec/>. First year animal exhibitors failing to register through this website will be ineligible to compete in the 4-H Show.

All youth showing a dairy project are required to be certified in Youth for the Quality Care of Animals during the current year.

Decisions made by the superintendents will be final.

Illinois Health Requirements for Cattle:

All animals, except as noted, shall be accompanied by a Certificate of Veterinary Inspection (CVI) which shows that the animal meets all health requirements for the State of Illinois. CVI's shall be made available to Bureau of Animal Health Personnel on request.

CVI means a legible record made on an official form from the state of origin which has been issued, signed and dated by an accredited veterinarian and which shows the name and address of the animal's owner or exhibitor and the results of all required tests or vaccinations. A CVI shall list only one animal identification per line; shall be presented on the form on which it was initially issued; and shall not be corrected, changed or altered in any manner.

All animals shall be officially identified. The animal(s) official identification shall be recorded on the CVI.

Illinois calves under 6 months of age, and Illinois steers are not required to have a Certificate of Veterinary Inspection (CVI). Breeding animals over 6 months of age are required to have a CVI.

CVI for Illinois-origin livestock shall be void ninety (90) days after issuance.

4-H'ers leaving the fairgrounds before the completion of the livestock auction will forfeit auction premiums above floor/market price. All youth and animals are expected and required to remain on the fairgrounds until the completion of the auction.

RULES

1. Entries are not limited to one in each age class. (Maximum of 6 animals may be shown)
2. Dairy cattle may be purebred or grade. Purebred classes will require registration papers in the name of exhibitor. Grade classes will handle unregistered animals & those without acceptable registration papers. Registration papers on dam & sire (breeding certificate if A1) will be accepted on calves born after January 1, present year.
3. Ownership deadline: Dairy cow, since Jan. 1, present year; Dairy heifers, May 1, present year; Dairy calf, since May 1, present year.
4. Top animals in all classes (including Grade) will compete for Grand & Reserve Championship.
5. 4-H Premiums paid will be using an X factor. Premium values will be:
Blue: 7X Red: 6X White: 5X
6. The exhibitor selected as the Grand Champion Over All Breeds and Junior Champion Over All Breeds will be eligible to participate in the Blue Ribbon Auction and will retain ownership of their animals.

DAIRY CLASS DIVISIONS

- A. **Spring Heifer Calf:** calved after March 1, 2020
- B. **Winter Heifer Calf:** calved between Dec. 1, 2019 & Feb. 29, 2020.
- C. **Fall Heifer Calf:** calved between Sept. 1, 2019 & Nov. 30, 2019.
- D. **Summer Yearling Heifer:** calved between June 1, 2019 & Aug. 31, 2019.
- E. **Spring Yearling Heifer:** calved between March 1, 2019 & May 31, 2019.
- F. **Winter Yearling Heifer:** calved between Dec. 1, 2018 & Feb. 28, 2019.
- G. **Fall Yearling Heifer:** calved between Sept. 1, 2018 & Nov. 30, 2018.
- H. **Two Year Old Cow:** calved between Sept. 1, 2017 & Aug. 31, 2018.
- I. **Three Year Old Cow:** calved between Sept. 1, 2016 & August 21, 2017.
- J. **Aged Cow (4 yr. & older):** calved before Sept. 1, 2016.

4-H - DAIRY CLASSES

- 40 **PUREBRED HOLSTEIN - Spring Heifer Calf**
- 41 **ALL OTHER BREEDS - Spring Heifer Calf**
- 42 **GRADE (ALL BREEDS) - Spring Heifer Calf**
- 43 **PUREBRED HOLSTEIN - Winter Heifer Calf**
- 44 **ALL OTHER BREEDS - Winter Heifer Calf**
- 45 **GRADE (ALL BREEDS) - Winter Heifer Calf**
- 46 **PUREBRED HOLSTEIN - Fall Heifer Calf**
- 47 **ALL OTHER BREEDS - Fall Heifer Calf**
- 48 **GRADE (ALL BREEDS) - Fall Heifer Calf**
- 49 **PUREBRED HOLSTEIN - Summer Yearling Heifer**
- 50 **ALL OTHER BREEDS - Summer Yearling Heifer**
- 51 **GRADE (ALL BREEDS) - Summer Yearling Heifer**
- 52 **PUREBRED HOLSTEIN - Spring Yearling Heifer**
- 53 **ALL OTHER BREEDS - Spring Yearling Heifer**
- 54 **GRADE (ALL BREEDS) - Spring Yearling Heifer**
- 55 **PUREBRED HOLSTEIN - Winter Yearling Heifer**
- 56 **ALL OTHER BREEDS - Winter Yearling Heifer**
- 57 **GRADE (ALL BREEDS) - Winter Yearling Heifer**
- 58 **PUREBRED HOLSTEIN - Fall Yearling Heifer**
- 59 **ALL OTHER BREEDS - Fall Yearling Heifer**
- 60 **GRADE (ALL BREEDS) - Fall Yearling Heifer**

- 61 PUREBRED HOLSTEIN - Two-Year-Old Cow
- 62 ALL OTHER BREEDS - Two-Year-Old Cow
- 63 GRADE (ALL BREEDS) - Two-Year-Old Cow
- 64 PUREBRED HOLSTEIN - Three-Year-Old Cow
- 65 ALL OTHER BREEDS - Three-Year-Old Cow
- 66 GRADE (ALL BREEDS) - Three-Year-Old Cow
- 67 PUREBRED HOLSTEIN - Aged Cow
- 68 ALL OTHER BREEDS - Aged Cow
- 69 GRADE (ALL BREEDS) - Aged Cow

DAIRY CHAMPIONS

Junior Champion Female
 Res. Junior Champion Female
 Senior Champion Female
 Reserve Senior Champion Female
 Grand Champion Overall Breeds
 Res. Grand Champion Overall Breeds

4-H

Rosette
 Rosette
 Rosette
 Rosette
 Plaque *sponsored in memory of Bill Fewell*
 Rosette

Grand Champion Overall Breeds and Junior Champion Over All Breeds will participate in the Blue Ribbon Auction.

DAIRY SHOWMANSHIP

1. Showmanship Judging will be based on Appearance of Animals - 40%; Appearance of Exhibitor - 10%; and Showing Animals in Ring - 50%. The showmanship class will take place at the end of the dairy show.
2. There will be three divisions: Junior Division (members 11 years and under as of Sept. 1, 2019); Intermediate Division (members 12-14 years as of Sept. 1, 2019); Senior Division (members 15 years and over as of Sept. 1, 2019.)
3. Participants will always compete in their age appropriate division, and there is no limit to the number of times they may win their age division.
4. Classes are open to all who are interested that are enrolled and exhibiting a dairy project.
5. An exhibitor entering showmanship competition is required to show his own animal fitted by herself/himself.
6. The judge will select a plaque winner from each age group.

DAIRY SHOWMANISP 4-H ONLY

Senior Showmanship: 15 years & over
 Intermediate Showmanship: 12-14 years
 Junior Showmanship: 11 years & under

4-H

Plaque
 Plaque
 Plaque

The Department of Agriculture shall use its best efforts to secure sufficient appropriations to fund premiums. In any year for which the General Assembly of the State of Illinois fails to make an appropriation sufficient to pay such premiums, premiums amounts may not be accurately reflected in this Premium Book.

**DOGS–DEPARTMENT P –
Judged Saturday, June 27, 9:00 a.m.
Granny Rose K-9 Enrichment Center located at 613 River Lane Dixon, IL
Entries are due June 15**

Judging will begin at 9:00 a.m., on Saturday, June 27, at Granny Rose at 613 River Lane in Dixon. Check-in starts at 8:30 a.m. Dogs will be dismissed immediately after judging. Exhibitors need to bring water bowl, crate if needed, treats, whatever else you need to care for your dog & chairs for seating. To be eligible to show in dog obedience, youth must have attended 6 weeks of dog obedience classes of their choice and submit a certificate of completion to the Extension office.

RULES

1. Dogs must have correct training equipment such as a flat buckle collar or a choker collar and 6-foot leather or nylon lead to enter obedience classes. Harnesses will not be allowed in the obedience classes. **NO PRONG COLLARS**
2. All dogs must be current on vaccinations and owners must present a copy of those vaccination records and signed certificate from the vet (within 30 days of show) Please present these forms at check-in for each dog entry certifying dog has had current rabies, distemper-hepatitis-leptospirosis and parvo inoculations.
3. Dogs must be on a leash at all times unless crated.
4. Dogs not registered to compete will not allowed in the building.
5. Exhibitors are responsible for bringing any supplies they wish to have on hand; including, but not limited to: water bowls, soft treats, grooming supplies, and crates. Exhibitors should also consider bringing their own seating as limited chairs will be available. Concessions will be available for purchase.
6. Dogs in season will not be permitted to show.
7. Unruly or aggressive dogs will not be allowed to show and may be excused by the superintendent and/or judge.
8. No treats are allowed in the ring or to be given during judging.
9. A runoff will be held in case of a tie for total score.
10. Clean-up equipment will be available. You must clean up after your own dog.
11. Show Awards may be presented to: Grand Champion Jr. Dog Showmanship & Grand Champion Sr. Dog Showmanship
12. Individual County awards will be presented to: Champion Jr. Dog Showmanship
Champion Sr. Dog Showmanship
13. 4-H'ers and dogs entered in any of the dog obedience classes must have written proof (signed by trainer) of at least 6 sessions of obedience training. Dog obedience training is also encouraged but not required for the other dog show classes including showmanship, agility and rally.
14. 4-H Premiums paid will be using an X factor. Premium values will be:
Blue 7X Red 6X White 5X

Members enrolled in the dog project are required to participate in the Quality Assurance & Ethics training via the web in order to be eligible to participate in the 4-H Fair. The website address is as follows: <http://web.extension.illinois.edu/qaec/>. First year animal exhibitors failing to register through this website will be ineligible to compete in the 4-H Show.

CARE & GROOMING CLASSES

1. Youth should have knowledge of breed standards of their dog, elementary dog anatomy, and knowledge of your dog. (The judge has the right to question exhibitors in one or all of these areas.)
2. If dog is groomed by professional groomer, exhibitor should knowledgeable of grooming procedure as well as the daily or weekly grooming needs performed by the exhibitor.

D101 JUNIOR CARE & GROOMING CLASS

For handlers, ages 8-13 years (as of Sept. 1, 2019)

D102 SENIOR CARE & GROOMING CLASS

For handlers, ages 14 years (as of Sept. 1, 2019)

AGILITY CLASSES

1. Youth may only enter one Agility Class for each dog being shown.
2. Agility classes may be subdivided by dog shoulder height into 8", 12", or 16" classes depending on number of entries. Dogs under a year of age will jump at the next lower height.
3. Dogs are only eligible for Agility On Leash for 2 years before they must advance to Agility Off Leash.

D103 AGILITY ON LEASH CLASS

Dogs will be led by handler through an obstacle course. They will be judged on their ability to maneuver through the obstacles. No choke collars may be used: only flat buckle collars.

D104 AGILITY OFF LEASH CLASS

Dogs will be judged on their ability to navigate course and maneuver through obstacles while off leash.

NOVELTY CLASS

D105 COSTUME CLASS – Open to all exhibitors

1. Dog and handler to be dressed in costume.
2. Dog must enter and exit the ring on leash.
3. Dog will be dressed at show time ONLY to avoid the risk of dog overheating.
4. As soon as the class is finished, the costume will be removed from dog and handler
5. Exhibitor will be judged on the thought and creativity put into the costume for the dog and handler.

SHOWMANSHIP CLASSES

1. Exhibitors will be judged on handling skill. Exhibitors should have appropriate "show" lead for their dogs.
2. The 4-H'ers winning DeKalb County Champion Jr. or Sr. Showmanship classes at the Multi County 4-H Dog Show may represent DeKalb County at the State Fair 4-H Dog Show. If the Champions are unable to attend, the alternate may represent the county.

D106 JUNIOR SHOWMANSHIP CLASS

For handlers, ages 8-13 years (as of Sept. 1, 2019)

D107 SENIOR SHOWMANSHIP CLASS

For handlers ages 14 years (as of Sept. 1, 2019) and older

DOG OBEDIENCE CLASSES

D108 BEGINNER NOVICE I (New handlers and inexperienced dogs only)

All exercises are done on leash except for the recall

1. Heel on leash (forward, halt, right turn, left turn, slow, normal and fast). The last order signifies that the handler and dog must break pace. These orders may be given verbally or by utilizing posted signs.
2. Figure 8 (on leash)
3. Sit for examination (on leash)
4. Sit Stay (walk around ring)
5. Recall (off leash front/no finish)

D109 BEGINNER NOVICE II (Experienced handlers with inexperienced dogs or experienced dogs with inexperienced handlers)

All exercises are done on leash except for the recall

1. Heel on leash (forward, halt, right turn, left turn, slow, normal and fast). The last order signifies that the handler and dog must break pace. These orders may be given verbally or by utilizing posted signs.
2. Figure 8 (on leash)
3. Sit for examination (on leash)
4. Sit Stay (walk around ring)
5. Recall (off leash front/no finish)

D110 PRE NOVICE CLASS

1. Heel on leash and figure 8 (on leash)
2. Stand for examination (off leash)
3. Heel Free (off leash)
4. Recall (off leash with finish)
5. Sit or Down Stay – Walk around the Ring
6. Sit Stay – Get Your Leash (off leash)

D111 NOVICE CLASS

1. Heel on leash and figure 8
2. Stand for examination (off leash)
3. Heel Free (off leash)
4. Recall (off leash)
5. Sit Stay – Get your leash (off leash)
6. Group Exercise – Sit & Down Stay (on leash)

D112 GRADUATE NOVICE CLASS

1. Heel on leash and figure 8 (off leash)
2. Drop on recall
3. Dumbbell Recall
4. Dumbbell Recall over High Jump
5. Recall over Broad Jump
6. Stay – Get your leash (sit, down)

D113 PRE-OPEN CLASS

All exercises are done off leash

1. Heel Free and figure 8
2. Command Discrimination (stand, down, sit)

3. Drop on recall
4. Retrieve on flat
5. Retrieve over high jump
6. Broad jump
7. Stay – Get your leash (sit, down)

D114 OPEN CLASS

All exercises are done off leash

1. Heel Free and figure 8
2. Command Discrimination (stand, down, sit)
3. Drop on recall
4. Retrieve on flat
5. Retrieve over high jump
6. Broad jump
7. Stay – Get your leash (sit, down)

D115 GRADUATE OPEN CLASS

All exercises are done off leash

1. Signal Exercise
2. Scent Discrimination
3. Go Out
4. Directed Jumping
5. Moving, Stand and Examination
6. Directed Retrieve

D116 PRE UTILITY CLASS

All exercises are done off leash

1. Signal Exercise
2. Scent Discrimination Article #1
3. Scent Discrimination Article #2
4. Directed Retrieve
5. Moving, Stand and Examination
6. Directed Jumping

D117 UTILITY CLASS

All exercises are done off leash

1. Signal Exercise
2. Scent Discrimination Article #1
3. Scent Discrimination Article #2
4. Directed Retrieve
5. Moving, Stand and Examination
6. Directed Jumping

RALLY DIVISION CLASSES:

1. The handler is guided through the course by numbered signs, which tell the handler what exercise is to be performed. For Rally Novice there will be 10 to 15 stations as well as a “Start” and a “Finish” sign.
2. Participants will have a chance to walk course before class begins.
3. Unlimited communication is allowed, however, touching the dog is not.

4. Time to complete the course will be used in case of a tie.

D118 RALLY NOVICE

10-15 signs are used (not including start and finish). 3-7 of the signs must be “stationary” signs. Performed on leash.

D119 RALLY INTERMEDIATE

12-17 signs are used (not including start and finish). 3-7 of the signs must be “stationary” signs. At least 3 “advanced” signs. Performed on leash.

D120 RALLY ADVANCED

12-17 signs are used (not including start and finish). 3-7 of the signs must be “stationary” signs. At least 3 “advanced” signs. Dog must jump once. Performed **off leash**.

D121 RALLY EXCELLENT

15-20 signs are used (not including start, finish, or call marker). Dog must jump twice. 2 or more of the signs must be “advanced” signs. 3 or more of the signs must be “excellent” signs. Must include a “Sit Stay” sign. Performed **off leash**. Cannot pat leg or clap hands for encouragement.

DOG AWARDS

Beginner Novice I Obedience

Beginner Novice II Obedience

Pre Novice Class

Novice Class

Graduate Novice Class

Pre-Open

Open Class

Graduate Open Class

Pre Utility Class

Utility

Agility on leash

Agility off leash

Champion DeKalb County Jr. Showmanship

Champion DeKalb County Sr. Showmanship

Grand Champion Jr. Showmanship

Grand Champion Sr. Showmanship

Jr. Care & Grooming

Sr. Care & Grooming

Costume Class

Rally Novice

Rally Intermediate

Rally Advanced

Rally Excellent

4-H

Rosette & Medal

Rosette & Medal

Rosette & Medal

Rosette & Medal

Rosette & Medal

Rosette & Medal

Rosette & Medal

Rosette & Medal

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Rosette & Medal

The Department of Agriculture shall use its best efforts to secure sufficient appropriations to fund premiums. In any year for which the General Assembly of the State of Illinois fails to make an appropriation sufficient to pay such premiums, premiums amounts may not be accurately reflected in this Premium Book.

GOATS - DEPARTMENT U
Judged Friday, July 31, 2020, 7:00 p.m.
Superintendent: Bill Kuhn
Assistant Superintendent: David Vandeburg

Appropriate attire is expected in the show ring and sale ring. Safety should be the issue for the attire. Suggested attire: hard shoes, long pants and a collared shirt. (No shorts, open toed shoes, or hats.)

A 4-H member must be the owner of the animals exhibited at the fair. Professional fitters **will not be allowed** to assist in the 4-H Show. 4-H'ers may be assisted with the fitting of the animal by an immediate family member (mother, father, siblings or legal guardian) or by another 4-H member of DeKalb County when fitting the animal for show.

First year members are required to participate in the Quality Assurance & Ethics training via the web in order to be eligible to participate in the 4-H Fair. The website address is as follows: <http://web.extension.illinois.edu/qaec/>. First year animal exhibitors failing to register through this website will be ineligible to compete in the 4-H Show.

All youth showing a goat project are required to be certified in Youth for the Quality Care of Animals during the current year.

Decisions made by the superintendents will be final.

Illinois Health Requirements for Goats:

All animals, except as noted, shall be accompanied by a Certificate of Veterinary Inspection (CVI) which shows that the animal meets all health requirements for the State of Illinois. CVI's shall be made available to Bureau of Animal Health Personnel on request.

CVI means a legible record made on an official form from the state of origin which has been issued, signed and dated by an accredited veterinarian and which shows the name and address of the animal's owner or exhibitor and the results of all required tests or vaccinations. A CVI shall list only one animal identification per line; shall be presented on the form on which it was initially issued; and shall not be corrected, changed or altered in any manner.

All animals shall be officially identified. The animal(s) official identification shall be recorded on the CVI.

Individual identification of each animal shall be by an ear tattoo or official metal or plastic tag. A microchip ID is acceptable if the owner provides the reader.

Tattoos may be used when a registration certificate, listing the tattoo number, accompanies the animal.

When using ear tags, the tag must indicate the premises ID and state of origin. The tag number must be assigned by a state or APHIS representative and recorded in the Scrapie Record Database.

Ears should be used for tattooing when possible. If there is no space in the ear, the flank or tail fold may be used.

Illinois Goats

1. Goats originating from a herd that has previously been classified as either an infected or source herd can be exhibited in Illinois upon the completion of an approved herd plan.
2. The CVI must include the flock of birth and the flock of origin, if different.

4-H'ers leaving the fairgrounds before the completion of the livestock auction will forfeit auction premiums above floor/market price. All youth and animals are expected and required to remain on the fairgrounds until the completion of the auction.

RULES

1. Entries are limited to a total of twelve animals (10 breeding and 2 market) and no more than two in each age class regardless of breed.
2. 4-H Premiums paid will be using an X factor. Premium values will be:
Blue: 7X Red: 6X White: 5X
3. A goat shown in breeding class cannot be shown in market classes and vice-versa.
4. Market goats for class 112 may be either does or wethers, (wethers are preferred). All market goats must be castrated and fully healed prior to their entry on the fairgrounds. This class is limited to two goats per exhibitor. It is suggested that market goats be born after January 1 of the current year and not be more than one year old.
5. All youth showing a goat project are required to be certified in Youth for the Quality Care of Animals during the current year.
6. For safety purposes **GOATS WITH HORNS WILL NOT BE PERMITTED, UNLESS THEY ARE REGISTERED FEMALE BOER GOATS BEING SHOWN IN CLASSES 107- 111.** This rule applies for both the dairy goat, meat goat and market goat classes.
7. **Class 112 is the only class eligible for the 4-H Livestock Auction.**
8. **4-H members are limited to receive one premium per class exhibited in premium eligible projects. Example: If a 4-H'er has 2 Junior Kids in class 100 the 4-H'er will only receive one premium for that class. This rule was established by the Agriculture Premium Fund.**
9. Age of both Dairy and Meat Goats are determined by how old they are as of August 1 of the current show year.
10. **All goats shown in the Dairy or Meat Goat classes must be does (female). No bucks are allowed in these breeding classes.**
11. **Extra Incentive for Meat & Market Goat Classes:** The Grand Champion Meat Goat will receive \$50. The Reserve Grand Champion Meat Goat will receive \$25. The Grand Champion Market Goat will receive \$50. The Reserve Grand Champion Market Goat will receive \$25. Sponsored by Hayes Land and Livestock LLC.

4-H DAIRY GOAT CLASSES

- 100 JUNIOR KID (Under 6 months old)
101 SENIOR KID - (6 months to just under 1 year of age)
102 DRY YEARLING (1-2 years)
103 MILKING YEARLING (1-2 years)
104 MILKING DOE - (2-3 years)
105 MILKING DOE - (over 3 years)

4-H MEAT GOAT CLASSES

- 107 KID (0-6 months)

- 108 KID (7-12 months)
- 109 DOE (1 year and under 2 years)
- 110 DOE (2 years and under 3 years)
- 111 DOE (3 years and older)

112 **MARKET GOAT** – All Market Goats are eligible for 4-H Auction. 4-H’ers may sell one Market Goat in the Livestock Auction, but cannot sell more than a total of 2 different species in the auction. 4-H’ers must retain ownership of their animal. All youth showing a goat project are required to be certified in Youth for the Quality Care of Animals during the current year.

SHEEP & GOAT COSTUME LEAD CLASS
Sponsored by: DeKalb County Lamb & Wool Producers
Saturday, August 1, 2020
6:00 p.m. - Sheep Barn

1. The purpose of this class is to get youth involved with sheep and goats while **promoting the lamb, wool, or goat industry.**
2. Participation in this class is open to any youth exhibiting sheep or goats at this 4-H fair.
3. Any sheep/goat that has been exhibited at this fair may be used in this contest.
4. The exhibit is to be judged on the attractiveness and originality of the costume in **promoting lamb & wool or goat industry.** The participants shall not wear a costume that was used in previous years.
5. Decorations may or may not be used on the sheep/goat. Judges will consider this in an overall appearance. Entrant’s appearance and presentation of animal will constitute judging standards.
6. Each entrant will supply a brief resume about his/her costume on the day of the contest.
7. The Sheep & Goat Costume Lead class may be divided into 2 classes based upon the age of the participants by the Superintendents of this program.

204 SHEEP & GOAT COSTUME LEAD CLASS (ages 8-18 as Sept. 1, 2019)

The following premiums will be paid by the DeKalb County Lamb and Wool Producers for placings within the Sheep & Goat Costume Lead Classes:

1st: \$ 15.00 2nd: \$10.00 3rd: \$7.00 4th: \$5.00

GOAT CHAMPIONS

Dairy Goat Junior Champion
Dairy Goat Junior Reserve Champion
Dairy Goat Senior Champion
Dairy Goat Senior Reserve Champion
Grand Champion Dairy Goat
Reserve Grand Champion Dairy Goat
Meat Goat Junior Champion
Meat Goat Junior Reserve Champion
Meat Goat Senior Champion
Meat Goat Senior Reserve Champion
Grand Champion Meat Goat
Reserve Grant Champion Meat Goat
Grand Champion Market Goat
Reserve Grand Champ. Market Goat

4-H

Rosette
Rosette
Rosette
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Plaque
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Rosette

GOAT SHOWMANSHIP

1. Showmanship Judging will be based on Appearance of Animals - 40%; Appearance of Exhibitor - 10%; and Showing Animals in Ring - 50%. The showmanship class will take place at the end of the show.
2. There will be three divisions: Junior Division (members 11 years and under as of Sept. 1, 2019); Intermediate Division (members 12-14 years as of Sept. 1, 2019); Senior Division (members 15 years and over as of Sept. 1, 2019.)
3. Participants will always compete in their age appropriate division, and there is no limit to the number of times they may win their age division.
4. The winner in the senior division is eligible to compete in the Showmanship Sweepstakes, which will be held on Sunday, August 2, 2020 at 10:00 a.m. in the swine arena. See page 108 for contest information.
5. Classes are open to all who are interested that are enrolled and exhibiting a goat project.
6. An exhibitor entering showmanship competition is required to show his own animal fitted by herself/himself.
7. The judge will select a plaque winner for each age group.

GOAT SHOWMANSHIP – 4-H ONLY

Senior Showmanship: 15 years & over
Intermediate Showmanship: 12-14 years
Junior Showmanship: 11 years & under

4-H

Plaque
Plaque
Plaque

HORSE & PONY - DEPARTMENT R

Judged Thursday, July 20, 2020 - 8:00 a.m.

Superintendents: 4-H Horse Committee Members

On odd numbered years, the 4-H Horse Show will be located in DeKalb County and on even numbered years, it will be located in Ogle County.

MULTI-COUNTY HORSE SHOW SCHEDULE

Location – Ogle County Fairgrounds 1440 North Limekiln Rd. Oregon, IL 61061

All horses on grounds by 7:30 a.m., Thursday, July 30, 2020

Judging - Thursday, July 30, 2020, 8:30 a.m.

MULTI-COUNTY HORSE COMMITTEE

Katie Roush, Esmond	Haleigh Cummings, Earlville	Austin Cook, Malta
Becky Roush, Malta	Kenlyn Bialas, Earlville	Kelly Nehring, Shabbona
Kim Russell, Franklin Grove	Ashley Black, Cortland	Kim Richardson, Hinckley
Keri Weaver, Franklin Grove	Dan Black, Cortland	Tara Richardson, Waterman
Tina and Dan Vincent, Rochelle	Doug Cook, Malta	McKenna Sell, Sycamore

Illinois Health Requirements for Equine

1. All horses and other equidae, twelve (12) months of age and older attending an advertised equine event, shall be accompanied by a negative test for equine infectious anemia (EIA) conducted within the last twelve (12) months. A copy of this test shall accompany the animal.

2. AGID (Coggins) or ELISA tests are accepted.
3. An advertised equine event means a show, rodeo, sale, auction, exhibition, trail ride, or horse fair that is posted or media promoted.
4. A CVI is not required for Illinois equine.

MULTI-COUNTY HORSE RULES

Before the Fair:

1. All 4-H'ers planning to exhibit in this department, must complete the Quality Assurance and Ethics certification once during their 4-H career in order to be eligible to show either a live animal or a poster. Certification must be completed by May 1st.
2. **All 4-H members should refer to the "Guidelines for Junior Horse Shows" manual which was given to each 4-H member their first year enrolled in horses. This guideline may be found at:**
http://livestocktrail.illinois.edu/uploads/horsenet/papers/4H_horse_show_guidelines.pdf
These are the rules that will be used and reinforced during the Multi-County Horse Show.
3. To be eligible to show at the 4-H level, the 4-H'er must have attended at least one: clinic, riding lesson, horse bowl/hippology contest, horse project day or horse fair approved by the Multi County Horse Committee. 4-H members should indicate what clinic they attended as part of their fair entries. Entries in question will be contacted.
4. Classes CANNOT be added or changed on the day of the show, but instead classes may be dropped the day of the show. 4-H'ers are encouraged to sign up for as many classes as they think they would like to participate in on their fair entry.
5. **4-H'ers uncertain of their riding abilities when fair entries are due should sign up for both walk/trot and age appropriate classes.**
6. All horses must have a current negative Coggins. A copy of the negative Coggins **MUST** be included with your fair entries.

Check In:

1. Horses are to arrive no later than **7:30 a.m.**, Thursday, July 30, 2020.
2. Show numbers must be secured from the horse committee upon arrival. Each exhibitor must wear the show number for classes on which they are entered.
3. There will not be a vet on the premise during the show in DeKalb County.

Tack and Attire:

1. Lack of proper tack for all horse classes may result in a penalty from the judge.
2. Proper attire & tack must be worn for all classes. Proper attire for western events include: long sleeves, collar (band, stand-up, tuxedo, etc.) western hat (for showmanship & production) or helmet (while mounted) and cowboy boots. In English classes, riders should wear riding coats and breeches of traditional colors with high boots or jodhpurs.
3. Chaps are optional.
4. All 4-H members are required to wear a properly fitted ASTM or SEI standard F1163 (or above) certified equestrian helmet whenever mounted or driving at all 4-H horse and pony events, shows, activities, or practices. Original tags must be present in all approved helmets. The 4-H member is responsible to see that this specified headgear is properly fitted with the approved harness fastened in place whenever mounted. Helmet policies apply to all county, area, and state 4-H horse and pony events, shows, and activities. Protective helmets are required for all riders and drivers at all times. It is recommended that all adults working with 4-H members model the desired youth behavior by also wearing protective helmets whenever mounted or driving.
5. Horses will not be allowed to be shown with the aid of training devices, such as mechanical hackamores, martingales, and tie downs in performance classes, but these aids will be allowed in the novelty and speed classes.

During the Show:

1. All horses and ponies should be trained and kept under control by the exhibitor at all times. Judge may penalize or excuse any animal(s) not under control.
2. No stallions one year of age or over are allowed.
3. Animals must report to the entry gate one class before the class in which they are entered.
4. Horses will be allowed to leave at lunch and at the break prior to speed classes after being excused by Superintendent. (See the *Animal Rules and Regulations* for early dismissal guidelines.) Failure to comply will result in forfeit of your premium check. (The horse show is expected to last all day. Plan accordingly.)
5. Junior exhibitors are to be 13 years and under. Senior exhibitors are to be 14 through 18 years of age, as of September 1, 2019.
6. You may exhibit only those horses/ponies which are pictured on your 4-H Ownership/Lease Agreement(s) and on file in the Extension Office. Horses/ponies cannot be shared.
7. Horses are to be kept in the area designated by the committee on show day.
8. Special classes have been identified for equine 56" and under. (Equine 56" and under may be measured before judging begins.)
9. All classes, unless otherwise stated, are open to horses or ponies and mares or geldings.
10. A break will be taken after the *Grand Champion Halter Classes* are completed. The arena will be open for the pleasure horses to warm up. The time for Class 108 to start will be announced by the horse superintendent. An additional break will be taken after the Novelty classes during which the speed horses may warm up.
11. Riders in **Green Rider Walk Trot (Class 108)** may enter *Halter, Showmanship, Walk Trot Equitation, Novelty, and Speed Classes*.
12. Equine in **Green Horse Walk Trot (Class 110)** may enter *Halter, Showmanship, Green Rider Walk Trot, Novelty, and Speed Classes*.
13. All props used in the **Costume Class** must be on the horse or 4-H member. Keep in mind this class is for fun and originality.
14. Classes not filled will be combined at the discretion of the committee.
15. Any horse shown as a stock type horse cannot be shown as a light horse and vice versa. Stock type horses will be considered AQHA, Paints, Apps; light type horses will be considered Arabs, Saddlebreds, Tennessee Walkers.
16. Any exhibitor entered in a *Performance (classes 108-123), Novelty (classes 124-129) and/or Speed Class (Classes 130-137)* MUST enter and show in a *Halter **AND** Showmanship Class (Classes 103-107)* in order to be eligible. *Speed Class* exhibitors must show in Western attire and tack.
17. Speed horses will be required to enter the arena at a controlled walk, and then begin their pattern. The gate will be closed and remain closed until the rider has regained control to exit the arena at a walk.
18. Trail class runs concurrently with rest of riding classes.
19. The judge's decision is final.
20. Exhibitors are required to clean up their horse tie-out area before leaving the grounds.

ADDITIONAL RULES WHEN OGLE HOST THE MULTI COUNTY HORSE SHOW

1. Horses & trailers are to be off grounds or moved to livestock parking area within 2 hours of completion of show.
2. Any horses showing signs of illness will be asked to leave at the discretion of the committee, along with proper approval from the fair veterinarian, Ogle County Fair Board member and an Extension staff member.

Premium Info:

1. Members are allowed to show one entry per class.
2. 4-H members are limited to receive one premium per class exhibited in premium-eligible projects.

Showmanship Rules:

1. Novice Showmanship will be for youth any age. Exhibitors must be in their 1st or 2nd year of showing. Showmanship will be for youth any age. Exhibitors must have shown for 3 or more years.
2. All 4-H'ers are required to show in showmanship.
3. Pre-registration is required in Fair Entry to receive a premium. Last minute entries may not receive a premium.
4. Showmanship will be the first classes of the day.

Equine Sportsmanship Award Rules:

1. Must be pre-registered for class via Fair Entry
2. Entrants will be judged by a horsemanship volunteer for Sportsmanship, Proper Attire, Grooming, Safety and Cleanliness of Area & Overall Quality of Riding. An essay with 100-250 words will be turned into the Extension Office by Thursday, July 2. The essay will include how the 4-Her has improved their skills this year.

HORSE CLASSES

SHOWMANSHIP

- 101 Novice Showmanship
- 102 Showmanship

HALTER

- | | | |
|-----|--|--|
| 103 | Stock Type Horse at Halter (Horses 14 & Under) | Grand Champion Horse at Halter (First and second place exhibitors in Classes 103 through 107 will be called back to show for Grand and Reserve.) |
| 104 | Light Horse at Halter | |
| 105 | Aged Horse Mare at Halter (Horses 15 & Up) | |
| 106 | Aged Horse Gelding at Halter (Horses 15 & Up) | |
| 107 | Equine at Halter 56" and under | |

— BREAK —

PERFORMANCE CLASSES

- | | | | |
|-----|-------------------------------------|---|-----------------------------------|
| 108 | Green Rider Walk Trot | 122 | Jr. Bareback Horsemanship (8-13) |
| 109 | Equine Pleasure 56" and under | 123 | Sr. Bareback Horsemanship (14-18) |
| 110 | Green Horse Walk Trot | Jr. Grand Champion Performance Horse (First and second place exhibitors in Classes 111, 117, will be called back to show for Grand and Reserve.) | |
| 111 | Jr. English Pleasure (8-13) | Sr. Grand Champion Performance Horse (First and second place exhibitors in classes 112, 118 will be called back to show for Grand and Reserve) | |
| 112 | Sr. English Pleasure (14-18) | Jr. Grand Champion Horsemanship (First and second place exhibitors in Classes 113, 119, 122 will be called back to show for Grand and Reserve) | |
| 113 | Jr. English Equitation (8-13) | Sr. Grand Champion Horsemanship (First and second place exhibitors in Classes 114, 120, 123 will be called back to show for Grand and Reserve) | |
| 114 | Sr. English Equitation (14-18) | | |
| 115 | Jr. Command/Discipline Rail (8-13) | | |
| 116 | Sr. Command/Discipline Rail (14-18) | | |
| 117 | Jr. Western Pleasure (8-13) | | |
| 118 | Sr. Western Pleasure (14-18) | | |
| 119 | Jr. Western Horsemanship (8-13) | | |
| 120 | Sr. Western Horsemanship (14-18) | | |
| 121 | Ranch Horse Pleasure | | |

NOVELTY CLASSES

124	Jr. Egg-N-Spoon	127	Mystery Fun Class
125	Sr. Egg-N-Spoon	128	Jr. Trail Class
126	Costume Class (see rule #13)	129	Sr. Trail Class

— BREAK —

SPEED CLASSES

130	Jr. Poles	134	Jr. Flag
131	Sr. Poles	135	Sr. Flag
132	Jr. Barrels	136	Jr. Plug
133	Sr. Barrels	137	Sr. Plug

EQUINE SPORTSMANSHIP AWARD

138	Jr. Equine Sportsmanship (ages 8-13)
139	Sr. Equine Sportsmanship (ages 14-18)

PERFORMANCE HIGH POINT AWARD

140	Jr. High Point (ages 8-13) <i>Points accumulated from placing in class #'s 101/102, 111, 113, 115, 117, 119, 121, 122</i>
141	Sr. High Point (ages 14-18) <i>Points accumulated from placing in class #'s 101/102, 112, 114, 116, 118, 120, 121, 123</i>

SPEED HIGH POINT AWARD

142	Jr. Horse Speed Award (ages 8-13) Points accumulated from placing in class #'s 130, 132, 134, 136
143	Sr. Horse Speed Award (ages 14-18) Points accumulated from placing in class #'s 131, 133, 135, 137

HORSE AWARDS

Champion Novice Showmanship
Champion Showmanship
Grand Champion Horse at Halter
Jr. Grand Champion Performance Horse
Sr. Grand Champion Performance Horse
Jr. Grand Champion Horsemanship
Sr. Grand Champion Horsemanship
Jr. Equine Sportsmanship Award
Sr. Equine Sportsmanship Award
Jr. High Point
Sr. High Point
Jr. Horse Speed Award
Sr. Horse Speed Award

POULTRY - DEPARTMENT I
Poultry Judged: SATURDAY, August 1, 2020, 3:30 p.m.
Check-in time is 2:30 to 3:00 p.m.
Poultry Superintendents: Dale & Cheri Sanderson
Show in Swine Arena – using both arenas

Decisions made by the superintendents will be final.

POULTRY RULES

Illinois Health Requirements for Poultry:

1. All entries (except waterfowl, i.e. domesticated fowl that normally swim, such as ducks and geese) in a show or exhibition shall have originated from a U.S. Pullorum-Typhoid Clean or equivalent hatchery or flock OR have a negative pullorum-typhoid test within 90 days prior to exhibition. Exhibitor shall show proper information as to name and address of owner or exhibitor, name and address of the authorized testing agent, date of the testing and the number, breed, and species of those tested.
2. Prior to being used to transport poultry to a show, all crates, boxes, containers and vehicles shall be thoroughly cleaned and disinfected.
3. Any poultry vaccinations must be performed at least 4 weeks prior to delivery to the show.
4. Upon admission to a show, all entries shall be examined by the official county fair veterinarian or qualified state personnel who shall also receive and examine all certificates necessary for admission of birds to a show. Birds not in show condition will be excused from exhibition and removed from the premises. Any fowl showing signs of illness during the fair will be removed from the exhibition grounds.
5. All out-of-state turkeys must originate from flocks that are officially classified as U.S. Mycoplasma Gallisepticum Clean in accordance with the provisions of the National Poultry Improvement Plan or be negative to a test for Mycoplasma gallisepticum within 30 days prior to entry.
6. A permit is also required for out-of-state poultry. A permit may be obtained by calling (217) 782-4944.

Please note: These poultry exhibition requirements do not apply to 4-H and FFA 1-day poultry shows where the entries are taken to the show and returned home the same day. However, a permit is required for out-of-state poultry.

1. Appropriate attire is expected at the show table and in the sale ring. Safety should be considered – long sleeves are recommended.
2. **Due to the possibility of poultry overheating, exhibitors are to bring water dishes so their animals will have water available at all times.**
3. Poultry exhibits should be in the 4-H's possession as of **June 1** of the current year.
4. Exhibitors may enter a maximum of **6 birds and in 8 poultry classes**. Individual poultry may be shown in the pen classes.
5. Poultry will be checked in between 2:30 p.m. and 3:00 p.m. on Saturday, August 1.
6. A pen of 3 consists of one male and 2 females of the same breed. In the Egg Production class a pen consists of 3 hens of the same breed.
7. Both the Champion and Reserve Champion meat pen exhibits at the fair, and the Grand Champion Poultry of Show and the Reserve Grand Champion of Show will be eligible for the Blue Ribbon Livestock Auction, and they will retain ownership. *Photos of these Champion animals will be taken at 11:00 a.m. on Sunday, August 2 in the back of the swine annex barn.*

8. Exhibits will ONLY be released after the COMPLETION of poultry judging. All pens are to be stacked neatly in the dirty cage pile before leaving for home.
9. 4-H Premiums paid will be using an X factor. Premium values will be:
Blue: 5X Red: 4X White: 3X
10. All entries will be FINAL on June 15 and individuals may not make substitutions or changes after this date.
11. All poultry exhibits will be judged according to the American Poultry Standard of Perfection. A copy of this book is at the Extension office for you to use as a reference.
12. **4-H members are limited to receive one premium per class exhibited in premium eligible projects. Example: If a 4-H'er has 2 birds they exhibit in class 204 English Class - Pullet, the 4-H'er will only receive one premium for that class. This rule was established by the Agriculture Premium Fund.**
13. 4-H'ers uncertain of what class they should enter in should contact Superintendent Dale Sanderson at 815-751-6408
14. To control diseases such as avian influenza it is recommended that you isolate show birds for at least 2-4 weeks after returning from a fair so you can look for signs of the disease.

The Department of Agriculture shall use its best efforts to secure sufficient appropriations to fund premiums. In any year for which the General Assembly of the State of Illinois fails to make an appropriation sufficient to pay such premiums, premiums amounts may not be accurately reflected in this Premium Book.

Because this is a one day show not requiring certain health certifications and inspections 4-H'ers CANNOT leave birds in any barns longer than the day of the show.

4-H POULTRY CLASSES

DUCKS & GEESE

Standards of perfections will determine how these birds fit into heavy, medium and light

Ducks

Heavy Breed Class include: Pekin, Aylesbury, Rouen, Muscovy, Crossbred, All Other Heavy Breed Varieties

164 Heavy Duck: Hen

165 Heavy Duck: Drake

Medium Breed Class include: Cayuga, Crested, Swedish, Buff, Crossbred, All Other Medium Breed Varieties

166 Medium Duck: Hen

167 Medium Duck: Drake

Light Breed Class include: Mallard, Runner, Campbell, Magpie, Crossbred, All Other Light Breed Varieties

168 Light Duck: Hen

169 Light Duck: Drake

Bantam Call Class include: All Call Varieties, East Indie, Crossbred, All Other Call Breed Varieties

170 Call Duck: Hen

171 Call Duck: Drake

Pen of Three Ducks: Must be 2 hens and 1 drake and can be from Light, Medium or Heavy Ducks of any breed. A Pen needs be all Lights, Medium or Heavy Ducks.

172 Pen of 3 Ducks

Champion and Reserve Champion Ducks Determined - All first place winners in each division will compete and second place winners should be on stand-by.

Geese

Classes include: All Breeds

173 Goose: Hen

174 Goose: Gander

175 Pen of 3 Geese: Must be 2 hens and 1 gander.

Champions for Geese Determined

Pheasant

Classes include: All Breeds

176 Pheasant: Hen

177 Pheasant: Cock

178 Pen of 3 Pheasants: Must be 2 hens and 1 cock

Champion Pheasant Determined

Turkey

Classes include: All Breeds

179 Turkey: Hen

180 Turkey: Tom

181 Pen of 3 Turkeys: Must consists of 2 hens and 1 tom

Champion Turkeys Determined

Quail

Classes include: All Breeds

182 Quail: Hen

183 Quail: Cock

184 Pen of 3 Quail: Must consists of 2 hens and 1 tom

Champion Quails Determined

Grand Champion All Other Poultry will be Determined

185 Market Pen: (*Pen of 3 poultry eligible for auction if Grand Champion or Reserve Grand Champion in this class only.*) This pen should consist of 3 meat quality birds all of the same sex and breed. **The poultry in the Market Pen CANNOT be shown individually in a single classes.**

Champion Market Pen Determined

STANDARDS (Large Birds)

American Class includes: Plymouth Rocks, Dominiques, Wyandottes, Javas, Rhode Island Reds, Rhode Islands Whites, Buckeyes, Chanteclers, Jersey Giants, Lamonas, New Hampshires, Hollands, Delawares

- 186 **American Class:** Cock hatched before Jan. 1, present year
- 187 **American Class:** Hen hatched before Jan. 1, present year
- 188 **American Class:** Cockerel bird hatched after Jan. 1, present year
- 189 **American Class:** Pullet hatched after Jan. 1, present year
- 190 **American Class:** Pen of three hatched after Jan. 1, present year

Mediterranean includes: Leghorns, Minorcas, Spanish, Andalusians, Anconas, Sicilian Buttercups, Catalanas

- 191 **Mediterranean Class:** Cock hatched before Jan. 1, present year
- 192 **Mediterranean Class:** Hen hatched before Jan. 1, present year
- 193 **Mediterranean Class:** Cockerel bird hatched after Jan. 1, present year
- 194 **Mediterranean Class:** Pullet hatched after Jan. 1, present year
- 195 **Mediterranean Class:** Pen of three hatched after Jan. 1, present year

Asiatic includes: Brahmas, Cochins, Lanqshans

- 196 **Asiatic Class:** Cock hatched before Jan. 1, present year
- 197 **Asiatic Class:** Hen hatched before Jan. 1, present year
- 198 **Asiatic Class:** Cockerel bird hatched after Jan. 1, present year
- 199 **Asiatic Class:** Pullet hatched after Jan. 1, present year
- 200 **Asiatic Class:** Pen of three hatched after Jan. 1, present year

English includes: Dorkings, RedCaps, Cornish, Orpingtons, Sussex, Australorps

- 201 **English Class:** Cock hatched before Jan. 1, present year
- 202 **English Class:** Hen hatched before Jan. 1, present year
- 203 **English Class:** Cockerel bird hatched after Jan. 1, present year
- 204 **English Class:** Pullet hatched after Jan. 1, present year
- 205 **English Class:** Pen of three hatched after Jan. 1, present year

Continental includes: Hamburgs, Campines, Lakenvelders, Barnevelders, Welsummers, Polish: Bearded – Non-Bearded, Houdans, Faverolles, Crevecoeurs, La Fleche

- 206 **Continental:** Cock hatched before Jan. 1, present year
- 207 **Continental:** Hen hatched before Jan. 1, present year
- 208 **Continental:** Cockerel bird hatched after Jan. 1, present year
- 209 **Continental:** Pullet hatched after Jan. 1, present year
- 210 **Continental:** Pen of three hatched after Jan. 1, present year

Standard All Other Variety Not Listed

- 211 **Standard Any other variety not listed:** Cock hatched before Jan. 1, present year
- 212 **Standard Any other variety not listed:** Hen hatched before Jan. 1, present year
- 213 **Standard Any other variety not listed:** Cockerel bird hatched after Jan. 1, present year
- 214 **Standard Any other variety not listed:** Pullet hatched after Jan. 1, present year
- 215 **Standard Any other variety not listed:** Pen of three hatched after Jan. 1, present year

Standard Crossbreds

- 216 **Standard Crossbreds:** Cock hatched before Jan. 1, present year
- 217 **Standard Crossbreds:** Hen hatched before Jan. 1, present year

- 218 **Standard Crossbreds:** Cockerel bird hatched after Jan. 1, present year
- 219 **Standard Crossbreds:** Pullet hatched after Jan. 1, present year
- 220 **Standard Crossbreds:** Pen of three hatched after Jan. 1, present year

Champions for Standards Determined

BANTAMS (Small Birds)

Rose Comb Clean Legged Bantams include: Anconas, Belgian Bearded d’Anvers, Dorkings, Dominiques, Hamburgs, Leghorns, Minorcas, Red Caps, Rhode Islands, Rosecombs, Sebrights, Wyandotts

- 221 **Rose Comb – Clean Legged:** Cock hatched before Jan. 1, present year
- 222 **Rose Comb – Clean Legged:** Hen hatched before Jan. 1, present year
- 223 **Rose Comb – Clean Legged:** Cockerel bird hatched after Jan. 1, present year
- 224 **Rose Comb – Clean Legged:** Pullet hatched after Jan. 1, present year
- 225 **Rose Comb – Clean Legged:** Pen of three hatched after Jan. 1, present year

Single Comb Clean Legged Bantams include: Anconas, Andalusians, Australorps, Catalanas, Campines, Delawares Dorkings Dutch, Frizzies, Hollands, Japanese, Javas, Jersey Giants, Lakenvelders, Lamonas, Leghorns Minorcas, Naked Necks, New Hampshires, Orpingtons, Phoenix, Plymouth Rocks, Rhode Island Reds, Spanish, Sussex

- 226 **Single Comb – Clean Legged:** Cock hatched before Jan. 1, present year
- 227 **Single Comb – Clean Legged:** Hen hatched before Jan. 1, present year
- 228 **Single Comb – Clean Legged:** Cockerel bird hatched after Jan. 1, present year
- 229 **Single Comb – Clean Legged:** Pullet hatched after Jan. 1, present year
- 230 **Single Comb – Clean Legged:** Pen of three hatched after Jan. 1, present year

Feather Legged Bantams include: Booted, Brahmas, Cochins, Faverolles, Frizzles, Langshans, Silkies, Sultans

- 231 **Feather Legged:** Cock hatched before Jan. 1, present year
- 232 **Feather Legged:** Hen hatched before Jan. 1, present year
- 233 **Feather Legged:** Cockerel bird hatched after Jan. 1, present year
- 234 **Feather Legged:** Pullet hatched after Jan. 1, present year
- 235 **Feather Legged:** Pen of three hatched after Jan. 1, present year

Game Bantams include: Modern, Old English

- 236 **Game:** Cock hatched before Jan. 1, present year
- 237 **Game:** Hen hatched before Jan. 1, present year
- 238 **Game:** Cockerel bird hatched after Jan. 1, present year
- 239 **Game:** Pullet hatched after Jan. 1, present year
- 240 **Game:** Pen of three hatched after Jan. 1, present year

- 241 **Bantam Any other variety not listed:** Cock hatched before Jan. 1, present year
- 242 **Bantam Any other variety not listed:** Hen hatched before Jan. 1, present year
- 243 **Bantam Any other variety not listed:** Cockerel bird hatched after Jan. 1, present year
- 244 **Bantam Any other variety not listed:** Pullet hatched after Jan. 1, present year
- 245 **Bantam Any other variety not listed:** Pen of three hatched after Jan. 1, present year

- 246 **Crossbred Bantams:** Cock hatched before Jan. 1, present year
- 247 **Crossbred Bantams:** Hen hatched before Jan. 1, present year
- 248 **Crossbred Bantams:** Cockerel bird hatched after Jan. 1, present year

- 249 Crossbred Bantams:** Pullet hatched after Jan. 1, present year
250 Crossbred Bantams: Pen of three hatched after Jan. 1, present year

Champions for Bantams Determined

- 251 Egg Production:** Pen of three hatched before Jan. 1, present year (consists of 3 hens of the same breed and 1 dozen eggs)

Champion Egg Production Determined

Grand Champion Poultry of Show Determined

Youth must also register for showmanship classes in the Poultry Department. Showmanship will be observed throughout the day of judging. 4-H'ers registered to exhibit for this class will be given a different color of name tag so that the judge is aware of their enrollment in showmanship.

- 252 Poultry Junior Showmanship –11 and under**
253 Poultry Intermediation Showmanship – 12 -14 years
254 Poultry Senior Showmanship – 15 and over

For details on showmanship see page 31 of the 4-H poultry manual “Scratching the Surface.”

POULTRY CHAMPIONS

4-H

Champion Duck	Rosette
Reserve Champion Duck	Rosette
Champion Goose	Rosette
Reserve Champion Goose	Rosette
Champion Pheasant	Rosette
Reserve Champion Pheasant	Rosette
Champion Turkey	Rosette
Reserve Champion Turkey	Rosette
Champion Quail	Rosette
Reserve Champion Quail	Rosette
Grand Champion All Other Poultry (Ducks, Geese, Pheasant, Turkey & Quail)	Plaque
Reserve Grand Champion All Other Poultry	Rosette
Grand Champion Meat Pen	Rosette
Reserve Grand Champion Meat Pen	Rosette
Champion Standard Pullet	Rosette
Reserve Champion Standard Pullet	Rosette
Champion Standard Cockerel	Rosette
Reserve Champion Standard Cockerel	Rosette

Champion Standard Hen	Rosette
Reserve Champion Standard Hen	Rosette
Champion Standard Cock	Rosette
Reserve Champion Standard Cock	Rosette
Champion Standard Pen of 3	Rosette
Reserve Champion Standard Pen of 3	Rosette
Grand Champion Standard	Plaque
Reserve Grand Champion Standard	Rosette
Champion Bantam Pullet	Rosette
Reserve Champion Bantam Pullet	Rosette
Champion Bantam Cockerel	Rosette
Reserve Champion Bantam Cockerel	Rosette
Champion Bantam Hen	Rosette
Reserve Champion Bantam Hen	Rosette
Champion Bantam Cock	Rosette
Reserve Champion Bantam Cock	Rosette
Champion Bantam Pen of 3	Rosette
Reserve Champion Bantam Pen of 3	Rosette
Grand Champion Bantam	Plaque
Reserve Champion Bantam	Rosette
Champion Egg Production	Rosette
Reserve Champion Egg Production	Rosette
Grand Champ Poultry of Show (from the following Championship classes Standard, Bantam)	Trophy
Res. Grand Champ Poultry of Show	Rosette
Champion Jr. Showman (11 years & under)	Plaque
Champion Intermediate Showman (12-14 years)	Plaque
Champion Sr. Showman (15 -18 years)	Plaque

The Department of Agriculture shall use its best efforts to secure sufficient appropriations to fund premiums. In any year for which the General Assembly of the State of Illinois fails to make an appropriation sufficient to pay such premiums, premiums amounts may not be accurately reflected in this Premium Book.

RABBITS – DEPARTMENT I
Rabbits Judged: Saturday, August 1, 2020, 10:00 a.m.
Rabbit Superintendent: Kelsey Quinn
Show in Rabbit Barn

Decisions made by the superintendents will be final.

RABBIT RULES

Illinois Health Requirements for Rabbits

There are no requirements governing the movements of rabbits within or into Illinois.

1. Appropriate attire is expected at the show table and in the sale ring. Safety should be considered – long sleeves are recommended.
2. **Due to the possibility of rabbit and poultry overheating, exhibitors are to bring water dishes/bottles so their animals will have water available at all times.**
3. Exhibitors may enter up to 2 rabbits per class with a maximum of 6 rabbits, but should make special note of rule #4.
4. **4-H members are limited to receive one premium per class exhibited in premium eligible projects. Example: If a 4-H'er has 2 rabbits they exhibit in class 152 Small Breed Sr. Buck, the 4-H'er will only receive one premium for that class. This rule was established by the Agriculture Premium Fund.**
5. Rabbits will be checked in between 9:15 and 9:45 a.m. on Saturday, August 2.
6. Rabbits may be shown in 1 of 3 classifications (Large Breed, Small Breed or Pet/Mix Breed.) Large Breed and Small Breed are to be purebred animals.
7. For the Small Rabbit Breeds the classes will be divided by Jr. Rabbits shall be under 6 months of age and Sr. Rabbits shall be 6 months and over.
8. For Large Rabbit Breeds the classes will be divided by Jr. Rabbits under 6 months of age, Intermediate Rabbits 6-8 months of age and Sr. Rabbits over 8 months of age (as of the day of show).
9. Rabbits entered in Large and Small Breed classes will be judged according to the ARBA Standard of Perfection.

Small Rabbit Breeds

American Fuzzy Lop	
American Sable	Lionhead
Belgian Hare	Mini Lop
Britannia Petite	Mini Rex
Dutch	Mini Satin
Dwarf Hotot	Netherland Dwarf
English Angora	Polish
English Spot	Rex
French Angora	Rhinelander
Florida White	Satin Angora
Harlequin	Silver
Havana	Silver Marten
Himalayan	Standard Chinchilla
Holland Lop	Tan
Jersey Wooly	Thrianta
Lilac	

Large Rabbit Breeds

American	Palomino
American Chinchilla	Satin
Beveren	Silver Fox
Blanc de Hoto	
Californian	
Champagne D'Argent	
Checkered Giant	
Cinnamon	
Crème D'Argent	
English Lop	
Flemish Giant	
French Lop	
Giant Angora	
Giant Chinchilla	
Hotot	
New Zealand	

10. Pet class will be judged on the condition of the animal and the owner's knowledge of rabbit care. These animals **will not be** eligible for Grand Champion Rabbit of Show.
11. Rabbits entered in Large and Small Breed and Meat Pen classes must have a tattoo in the left ear prior to check in. Tattoo may be permanent or written with permanent marker. Tattoo number will be recorded at check in.
12. Rabbits entered in the Pet class may need a temporary tattoo (marker) placed in the left ear at check in for identification purposes during the show.
13. **Only rabbits entered in the fair will be allowed on the fairgrounds. Rabbits 4-H'ers wish to sell must be exhibited in the 4-H Rabbit Show. No extra rabbits are allowed on fairgrounds.**
14. **All pens are to be cleaned and stacked neatly before leaving for home. Cleaning up the pens is the responsibility of the exhibitors.**
15. **Due to the possibility of rabbits overheating, exhibitors are to bring water dishes/bottles so their animals will have water available at all times.**
16. Exhibits will be released after the completion of rabbit judging.
17. All exhibitors are responsible for carrying their rabbit(s) to and from the judging table. Only exhibitors may place rabbits on the table, no adults or parents.
18. Meat pen shall consist of 3 rabbits of the same breed and color. They must be less than 10 weeks of age and weigh a minimum of 3 pounds and a maximum of 5 pounds each. They cannot be entered in other classes. Meat pen rabbits should be from stock bred and raised by the exhibitor, and in their possession by June 1, 2020.
19. Exhibits will be released after the completion of rabbit judging. All used pens are to be stacked neatly in the dirty cage pile before leaving for home.
20. Both the meat pen exhibits at the fair, and the Grand Champion Rabbit of Show and the Reserve Grand Champion of Show will be eligible for the Blue Ribbon Livestock Auction, and they will retain ownership.
21. Production Class consists of a doe and two offspring from the same litter. Babies must be at least 8 weeks old and not more than 4 months old. These rabbits should be from stock bred and raised by the exhibitor and in their possession by June 1.
22. 4-H Premiums paid will be using an X factor. Premium values will be:
 Blue: 5X Red: 4X White: 3X

Members enrolled in the rabbit project are required to participate in the Quality Assurance & Ethics training via the web in order to be eligible to participate in the 4-H Fair. The website address is as follows: <http://web.extension.illinois.edu/qaec/>. First year animal exhibitors failing to register through this website will be ineligible to compete in the 4-H Show.

4-H RABBIT CLASSES

- 150 **Pet Class – Buck or Doe** (see rule 10)
- 151 **Production Class** (see rule 21)
- 152 **Small Breed Sr. Buck** - 6 months and over
- 153 **Small Breed Sr. Doe** - 6 months and over
- 154 **Small Breed Jr. Buck** – under 6 months of age
- 155 **Small Breed Jr. Doe** – under 6 months of age
- 156 **Large Breed Sr. Buck** – over 8 months day of show
- 157 **Large Breed Sr. Doe** – over 8 months day of show
- 158 **Large Breed Intermediate Buck** – 6 to 8 months
- 159 **Large Breed Intermediate Doe** – 6 to 8 months
- 160 **Large Breed Jr. Buck** – under 6 months of age
- 161 **Large Breed Jr. Doe** – under 6 months of age

162 Meat Pen - Grand Champion and Reserve Grand Champion pens may be auctioned. (See rule 18)

**Junior Rabbit Showmanship (11 and under)
Intermediate Rabbit Showmanship (12 – 14 years)
Senior Rabbit Showmanship (15 -18 years)**

<u>RABBIT CHAMPIONS</u>	<u>4-H</u>
Champion Pet Rabbit	Rosette
Res. Champion Pet Rabbit	Rosette
Champion Large Rabbit	Rosette
Res. Champ Large Rabbit	Rosette
Champion Small Rabbit	Rosette
Res. Champion Small Rabbit	Rosette
Champion Production	Rosette
Grand Champion Meat Pen	Rosette
Reserve Grand Champion Meat Pen	Rosette
Grand Champion Rabbit of Show	Plaque
Res. Grand Champion Rabbit of Show	Rosette
Champion Sr. Showman	Plaque
Champion Intermediate Showman	Plaque
Champion Jr. Showman	Plaque

The Department of Agriculture shall use its best efforts to secure sufficient appropriations to fund premiums. In any year for which the General Assembly of the State of Illinois fails to make an appropriation sufficient to pay such premiums, premiums amounts may not be accurately reflected in this Premium Book.

**SHEEP - DEPARTMENT F
Judged Friday July 31, 2020, 5:00 p.m.
Superintendent: Bill Kuhn
Assistant Superintendent: David Vandeburg**

Appropriate attire is expected in the show ring and sale ring. Safety should be the issue for the attire. Suggested attire: hard shoes, long pants and a collared shirt. (No shorts, open toed shoes, or hats.)

A 4-H member must be the owner of the animals exhibited at the fair. Professional fitters **will not be allowed** to assist in the 4-H Show. 4-H'ers may be assisted with the fitting of the animal by an immediate family member (mother, father, siblings or legal guardian) or by another 4-H member of DeKalb County when fitting the animal for show.

First year members are required to participate in the Quality Assurance & Ethics training via the web in order to be eligible to participate in the 4-H Fair. The website address is as follows: <http://web.extension.illinois.edu/qaec/>. First year animal exhibitors failing to register through this website will be ineligible to compete in the 4-H Show. This task was due on May 1.

All youth showing a sheep project are required to be certified in Youth for the Quality Care of Animals during the current year.

Decisions made by the superintendents are final.

Illinois Health Requirements for Sheep:

All animals, except as noted, shall be accompanied by a Certificate of Veterinary Inspection (CVI) which shows that the animal meets all health requirements for the State of Illinois. CVI's shall be made available to Bureau of Animal Health Personnel on request.

CVI means a legible record made on an official form from the state of origin which has been issued, signed and dated by an accredited veterinarian and which shows the name and address of the animal's owner or exhibitor and the results of all required tests or vaccinations. A CVI shall list only one animal identification per line; shall be presented on the form on which it was initially issued; and shall not be corrected, changed or altered in any manner.

All animals shall be officially identified. The animal(s) official identification shall be recorded on the CVI.

Individual identification of each animal shall be by an ear tattoo or official metal or plastic tag. A microchip ID is acceptable if the owner provides the reader.

Ear tattoos may be used when a registration certificate, listing the tattoo number, accompanies the animal.

When using ear tags, the tag must indicate the premises ID and state of origin. The tag number must be assigned by a state or APHIS representative and recorded in the Scrapie Record Database.

Market Lambs All market lambs must be slick shorn (show ring ready) before weigh-in so that show lamb fungus can be identified.

Illinois Sheep

1. Sheep originating from a flock that has previously been classified as either an infected or source flock can be exhibited in Illinois upon the completion of an approved flock plan.
2. A Certificate of Veterinary Inspection must include the date of birth and the flock of origin.

CVI for Illinois-origin livestock shall be void ninety (90) days after issuance.

4-H'ers leaving the fairgrounds before the completion of the livestock auction will forfeit auction premiums above floor/market price. All youth and animals are expected and required to remain on the fairgrounds until the completion of the auction.

RULES

1. Entries are limited to 8 breeding stock with only two in each breeding age class regardless of breed, and 4 market lambs, for a total of 12 animals. 4-H'ers should however make special note of rule # 2 as this will affect their 4-H premiums.
2. **4-H members are limited to receive one premium per class/weight class exhibited in premium eligible projects. Example: If a 4-H'er has 2 breeding sheep they exhibit in class 90 Black Face Ewe Lamb, the 4-H'er will only receive one premium for that class. The same would be true for youth that have market lambs that end up in the same weight class. This rule was established by the Agriculture Premium Fund.**
3. All lambs must have been lambled after September 1, past year.
4. Sheep may be purebred or grade.
5. Ownership deadline: Market & Breeding Sheep: owned since May 1, present year.
6. Market lambs weigh-in time will be conducted by the sheep superintendents on Friday, July 31, 2020 from 12:30 p.m. to 3:00 p.m. All records will be completed by the weighing committee and proper entries made according to these initial weight records.
7. All market lambs must be slick shorn 10 days prior to coming to the fair.
8. *All sheep must be docked & completely healed prior to coming to show.*
9. Ewe lambs shown in breeding class cannot be shown in market classes and vice-versa.
10. All male lambs must be completely castrated and healed prior their entry onto the fairgrounds.
11. When lambs are being judged, they must have all 4 feet on the ground. No excessive lifting of the animals. Slapping will not be tolerated.
12. 4-H Premiums paid will be using an X factor. Premium values will be:
 Blue: 7X Red: 6X White: 5X

4-H BREEDING SHEEP CLASSES

- 85 WHITE FACE EWE LAMB** (lambled after Jan. 1, 2020)
- 86 WHITE FACE SENIOR EWE LAMB** (lambled between Sept. 1 to Dec. 31, 2019)
- 87 WHITE FACE YEARLING EWE** (1 year & under 2 years)
- 88 WHITE FACE AGED EWE** (2 years & over)
- 89 WHITE FACE PAIR OF BREEDING LAMBS** (under 1 year)
-
- 90 BLACK FACE EWE LAMB** (lambled after Jan. 1, 2020)
- 91 BLACK FACE SENIOR EWE LAMB** (lambled between Sept. 1 to Dec. 31, 2019)
- 92 BLACK FACE YEARLING EWE** (1 year & under 2 years)
- 93 BLACK FACE AGED EWE** (2 years and over)
- 94 BLACK FACE PAIR OF BREEDING LAMBS** (under 1 year)

MARKET LAMB CLASS

1. Market lambs may be wethers or ewe lambs. They will be identified & weighed by the superintendent and assistant superintendent from **12:30 to 3:00 p.m. on Friday, July 31, 2020.** All records will be completed by the weigh-in committee & entries properly made. It is highly recommended that market lambs weigh between 110 and 140 pounds.
2. Ewe lambs shown in breeding classes cannot be shown in market classes and vice-versa.
3. **All market lambs should be slick shorn prior to their arrival at the fair to avoid any risk of the highly contagious lamb fungal infection of sheep skin.**
4. All single market lambs enter as class 100. After weigh-ins, lambs will be divided into weight classes as evenly as possible. See Rule #6 as this will affect premiums awarded.

5. All pairs of market lambs enter as class 101. After weigh-ins, lamb pairs will be divided into weight classes as evenly as possible. See Rule #6 as this will affect premiums awarded.
6. 4-H members are limited to receive one premium per weight class exhibited in premium eligible projects. Example: If a 4-H'er has four market lambs and two of them end up in the same weight class, the 4-H'er will only receive one premium for that weight class. This rule was established by the Agriculture Premium Fund.
7. All male market lambs must be completely castrated and healed prior to their entry on the fairgrounds.
8. Exhibitor may enter a maximum of 4 single market lambs, and a maximum of 2 pairs of market lambs.
9. 4-H Premiums paid will be using an X factor. Premium values will be:
 Blue: 7X Red: 6X White: 5X
10. All youth showing a sheep project are required to be certified in Youth for the Quality Care of Animals during the current year.

4-H SHEEP MARKET CLASSES

- 100 SINGLE MARKET LAMB** (All Breeds) Market Lamb classes will be further divided into multiple classes by weight.
- 101 ONE PAIR MARKET LAMBS** (All Breeds) Pair of Market Lamb classes will be further divided into multiple classes by weight.

SHEEP SHOWMANSHIP

1. Showmanship Judging will be based on: Appearance of Animal 40%; Appearance of Exhibitor 10%; and Showing Animal in Ring 50%. The showmanship class will take place at the end of the sheep show.
2. There will be three divisions: Junior Division (members 11 years & under as of Sept. 1, 2019); Intermediate Division (members 12-14 years old as of Sept. 1, 2019); Senior Division (members 15 years & older as of Sept. 1, 2019).
3. Participants will always compete in their age appropriate division, and there is no limit to the number of times they may win their age division.
4. The winner in the senior division is eligible to compete in the Showmanship Sweepstakes, which will be held on Sunday, August 2, 2020 at 10:00 a.m. in the swine arena. See page 108 for contest information.
5. Classes are open to all who are interested.
6. An exhibitor entering showmanship competition is required to show his/her own animal fitted by herself/himself.
7. The judge will select a plaque winner from each age group.

SHEEP SHOWMANSHIP

Senior Showmanship: 15 years & over
 Intermediate Showmanship: 12-14 years
 Junior Showmanship: 11 years & under

4-H

Plaque
 Plaque
 Plaque

The Department of Agriculture shall use its best efforts to secure sufficient appropriations to fund premiums. In any year for which the General Assembly of the State of Illinois fails to make an appropriation sufficient to pay such premiums, premiums amounts may not be accurately reflected in this Premium Book.

SHEEP LEAD CLASS

Sponsored by: DeKalb County Lamb & Wool Producers
Saturday, August 1, 2020
6:00 p.m. - Sheep Barn

1. Entries in this class will be open to any exhibitor of sheep. Sheep must be an ewe or wether that is conditioned, fitted and trained at halter, and owned by the exhibitor.
2. The objective of this class is to present a class of well-groomed sheep, with young people dressed in fashionable WOOL clothing, at halter.
3. Decorations may or may not be used on the sheep. Judges will consider this in an overall appearance. Garments must be of wool or wool blends (50% is minimum content). Entrant's appearance and presentation of animal will constitute judging standards. *Each entrant will supply a brief resume about his/her outfit the day of the contest.*
4. The Sheep Lead class will be divided into 2 classes based upon the age of the participants by the Superintendents of this program.

Lead Class Judging Criteria

- 50% - Outfit – based on the outfit worn by the contestant. Is the outfit made from wool? Does the outfit reflect the style that is worn by the aged of the contestant today? Does the outfit fit properly? Is the outfit colorful, etc.?
- 30% - Poise & Appearance – based on the poise of the contestant with the sheep. How is the overall appearance of the contestant?
- 20% - Sheep's Behavior & Appearance – based on the overall appearance of the sheep and behavior. Is the sheep clean and trimmed properly for the breed? How well is the sheep trained to lead?
- A blanket is optional on the sheep, but cannot cover more than 2/3 of the body of the sheep.

205 SHEEP LEAD CLASS (ages 8-18 as of Sept. 1, 2019)

The following premiums will be paid by the DeKalb County Lamb and Wool Producers for placings within the Sheep Lead Classes:

1st: \$20.00 2nd: \$15.00 3rd: \$10.00

SHEEP & GOAT COSTUME LEAD CLASS

Sponsored by: DeKalb County Lamb & Wool Producers
Saturday, August 1, 2020
6:00 p.m. - Sheep Barn

8. The purpose of this class is to get youth involved with sheep and goats while **promoting the lamb, wool, goat industry.**
9. Participation in this class is open to any youth exhibiting sheep or goats at this 4-H fair.
10. Any sheep/goat that has been exhibited at this fair may be used in this contest.
11. The exhibit is to be judged on the attractiveness and originality of the costume in **promoting lamb & wool or goat industry.** The participants shall not wear a costume that was used in previous years.
12. Decorations may or may not be used on the sheep/goat. Judges will consider this in an overall appearance. Entrant's appearance and presentation of animal will constitute judging standards.
13. Each entrant will supply a brief resume about his/her costume on the day of the contest.

14. The Sheep & Goat Costume Lead class may be divided into 2 classes based upon the age of the participants by the Superintendents of this program.

206 SHEEP & GOAT COSTUME LEAD CLASS (ages 8-18 as Sept. 1, 2019)

The following premiums will be paid by the DeKalb County Lamb and Wool Producers for placings within the Sheep & Goat Costume Lead Classes:

1st: \$ 15.00 2nd: \$10.00 3rd: \$7.00 4th: \$5.00

SHEEP CHAMPIONS

Champion White Face Ewe
Reserve Champion White Face Ewe
Champion Black Face Ewe
Reserve Champion Black Face Ewe
Grand Champion Ewe
Reserve Grand Champion Ewe
Grand Champion Market Lamb
Reserve Grand Market Lamb
Grand Champion Pair Market Lambs
Reserve Grand Champion Pair
Champion Jr. Showmanship
Champion Intermediate Showmanship
Champion Sr. Showmanship
Champion Lead Class
Reserve Champion Lead Class
Champion Costume Lead Class
Reserve Costume Lead Class

4-H

Rosette
Rosette
Rosette
Rosette
Plaque
Rosette
Plaque
Rosette
Plaque
Rosette
Plaque
Plaque
Rosette from Lamb & Wool Producers
Rosette from Lamb & Wool Producers
Rosette from Lamb & Wool Producers
Rosette from Lamb & Wool Producers

SWINE - DEPARTMENT G
Judged Saturday, August 1, 8:00 a.m.
Superintendent: Jeff Marco, Hayden Kuhn, Tina Kuhn and Grant Bend

Appropriate attire is expected in the show ring and sale ring. Safety should be the issue for the attire. Suggested attire: hard shoes, long pants and a collared shirt. (No shorts, open toed shoes, or hats.)

A 4-H member must be the owner of the animals exhibited at the fair. Professional fitters **will not be allowed** to assist in the 4-H Show. 4-H'ers may be assisted with the fitting of the animal by an immediate family member (mother, father, siblings or legal guardian) or by another 4-H member of DeKalb County when fitting the animal for show.

First year members are required to participate in the Quality Assurance & Ethics training via the web in order to be eligible to participate in the 4-H Fair. The website address is as follows: <http://web.extension.illinois.edu/gaec/>. First year animal exhibitors failing to register through this website will be ineligible to compete in the 4-H Show.

All youth showing swine are required to be certified in Youth for the Quality Care of Animals or Pork Quality Assurance Plus during the current year.

Decisions made by the superintendents will be final.

The swine show will be a **NON-TERMINAL** show. *The Auction Committee will not haul extra hogs to Eickman's for 4-H members wishing to have animals processed. Only hogs entering the sale ring and being purchased by a buyer will be shipped to Eickman's on behalf of the Auction Committee. The auction committee will NOT be hauling hogs going to market for the 4-H members.*

Please Note: Pseudorabies testing is no longer required for Illinois Swine.

Illinois Health Requirements for Swine:

All animals, except as noted, shall be accompanied by a Certificate of Veterinary Inspection (CVI) which shows that the animal meets all health requirements for the State of Illinois. CVI's shall be made available to Bureau of Animal Health Personnel on request.

CVI means a legible record made on an official form from the state of origin which has been issued, signed and dated by an accredited veterinarian and which shows the name and address of the animal's owner or exhibitor and the results of all required tests or vaccinations. A CVI shall list only one animal identification per line; shall be presented on the form on which it was initially issued; and shall not be corrected, changed or altered in any manner.

All animals shall be officially identified. The animal(s) official identification shall be recorded on the CVI.

1. Swine shall be identified by an official ear tag, tattoo or recognized breed ear notch.
2. Ear notch identification is acceptable for barrows, crossbred gilts and breeding swine. (Note: Ear notch identification of crossbred swine does not satisfy USDA identification requirements for interstate movement of official testing.)
3. All exhibitors with swine are required to obtain a Premise Identification number from the <http://www.agr.state.il.us/premiseid/>

Brucellosis

Brucellosis testing is not required for Illinois swine.

Pseudorabies

Pseudorabies testing is NOT required for Illinois swine.

4-H'ers leaving the fairgrounds before the completion of the livestock auction will forfeit auction premiums above floor/market price. All youth and animals are expected and required to remain on the fairgrounds until the completion of the auction.

RULES

1. Entries are limited to **3 market hogs** (any combination of sexes; however pen of two animals must be of the same sex.)
2. The DeKalb County 4-H Fair Swine Show is a **NON-TERMINAL SHOW**. 4-H'ers are responsible for hauling their own hogs to market or back home after the show. The only hogs that will be hauled to Eickman's Meat Processing Plant will be those purchased by buyers through the livestock auction wanting meat.
3. Only swine officially nominated by **June 1** to the Extension office are eligible to be shown in the swine show. Nominations are limited to 15 swine per youth. Cross nominations within immediate families (ie brothers and/or sisters) will be permitted. For example siblings may nominate the same animals on their nomination forms.
4. It is highly recommended that animals weigh **at least 240 pounds**.
5. All pigs exhibited must be farrowed on or after January 1, present year.
6. March farrowed swine are quite small & lack finish, consequently will rate low in the show.
7. Weight classes will be determined on Friday, July 31, 2020. For single market hog classes, 4-H members should register each hog they are planning to show in this class category. For example if you have 3 hogs you would record class 116 single market hog 3 times on your entry form. In pen of two classes individuals may show either 2 gilts, or 2 barrows but may not show a combination of a barrow and a gilt. Exhibitors should enter each swine and entry under the appropriate premium numbers.
8. **Swine Superintendents and Assistants will be at the swine barns between 8:00 – 11:00 a.m. on Friday, July 31 as 4-H'ers unload their animals. All animals must be present and penned by 11:00 a.m. for weigh-ins beginning at noon.**
9. Barrows and gilts will be weighed in starting at 12:00 noon by a committee. All swine need to be in the barns and penned prior to weigh-ins. No animals will be weighed from trucks/trailers. Barrows and gilts will be identified & entered into weight divisions, according to the results of this weighing. This year purebred classes will be offered in the swine show. Classes will be determined after weigh-ins on Friday, July 31. All questions arising as to weights will be referred to the initial weight record.
10. Purebred classes will not be divided by weights, unless there is a large number of hogs in a single breed. Purebred classes will only be shown in the single market hog classes.
11. **Registration papers must be presented at weigh-in and must be in the 4-H exhibitor's name.**
12. All pens will be determined by the combined weight of hogs.
13. All swine must be in possession of the 4-H'er by June 1, present year.
14. No show oils should be used on swine.
15. The top payweight for swine consigned to the sale will be 275 pounds. Therefore 4-H'ers having a hog weighing 276+ pounds will only receive payment for 275 pounds.

16. All youth showing swine are required to be certified in Youth for the Quality Care for Animals or Pork Quality Assurance during the current year and have Premise ID number.
17. Since the swine show is non-terminal youth may have the option of retaining ownership of their swine.
18. **Parents and supporters of our youth showing swine are asked to stay out of the show arena, unless they are working in the arena for the entire day of the show. Parents are also asked to avoid blocking doorways and isles next to the entrance of the arena during the show.**
19. 4-H Premiums paid will be using an X factor. Premium values will be:
Blue: 7X Red: 6X White: 5X
20. ***4-H members are limited to receive one premium per weight class exhibited in premium eligible projects. Example: If a 4-H'er has three market hogs and two of them end up in the same weight class, the 4-H'er will only receive one premium for that weight class. This rule was established by the Agriculture Premium Fund.***

4-H MARKET HOG CLASSES

****For 2020 showmanship will start the swine show.**

- 116 MARKET HOG** (list this number 3 times on your entry form if you have 3 market hogs)
Market Hog classes will be further divided into multiple weight classes.
- 120 PEN OF TWO MARKET HOGS** (must be two hogs of the same sex)
Pen of Two Market Hog classes will be further divided into multiple weight classes.

(Classes 116 and 120 will be further divided by gilts and barrows and by breeds. Each class division will start with gilts first and then barrows.)

Champions for each weight division (light, medium and heavy crossbreds) will be selected in the Market Hog Classes and the Pen of Two Market Hog Classes. Purebred classes will only be offered in the single market hog classes and they will not be divided by weights unless there is a large number of hogs in a single breed. Purebred breed class winners will compete against the champion crossbred for the Grand Champion Market Barrow and Grand Champion Market Gilt.

121 BORN & RAISED IN DEKALB COUNTY

*****NEW Class:** The DeKalb Area Pork Producers is sponsoring a class for locally bred and raised swine. To be eligible for this class, hogs must be locally raised by a member of the DeKalb Area Pork Producers. Swine also must be nominated by the person who bred and farrowed the animal. Each 4-H member is only allowed 1 nomination. Nomination forms will be available at weigh-in on Friday night of the fair. These forms must be filled-out with a nomination fee of \$10 per animal, to be paid by the breeder of the animal. Premiums will be prorated according to the number of participants in each class. The Pork Producers will supervise this class and will provide the recognition of the top individuals.

SWINE SHOWMANSHIP

1. Showmanship Judging will be based on: Appearance of Animal 40%; Appearance of Exhibitor 10%; and Showing Animal in Ring 50%. The showmanship class will take place at the end of the swine show.
2. There will be three divisions: Junior Division (members 11 years & under as of Sept. 1, 2019);

Intermediate Division (members 12-14 years old as of Sept. 1, 2019); Senior Division (members 15 years & older as of Sept. 1, 2019).

3. Participants will always compete in their age appropriate division, and there is no limit to the number of times they may win their age division.
4. The winner in the senior division is eligible to compete in the Showmanship Sweepstakes, which will be held on Sunday, August 2, 2020 at 10:00 a.m. in the swine arena. See page 108 for contest information.
5. Classes are open to all who are interested.
6. An exhibitor entering showmanship competition is required to show his/her own animal fitted by himself/herself.
7. The judge will select a top winner from each age group. Awards for this contest are sponsored by both 4-H and the DeKalb Area Pork Producers.

SWINE SHOWMANSHIP

Champion Senior Showmanship
Champion Intermediate Showmanship
Champion Junior Showmanship

4-H

Plaque
Plaque
Plaque

SWINE CHAMPIONS

Grand Champion Market Hog Overall
Reserve Grand Champion Market Hog
Grand Champion Market Gilt
Reserve Grand Champion Market Gilt
Grand Champion Pen of Two Gilts
Reserve Grand Champion Pen of Two Gilts
Grand Champion Barrow
Reserve Grand Champion Barrow
Grand Champion Pen of Two Barrows
Res. Grand Champ. Pen of 2 Barrows

4-H

Plaque
Plaque
Plaque
Plaque
Plaque
Rosette
Plaque
Plaque
Plaque
Rosette

The Grand Champion Market Hog Overall and the Reserve Champion Market Hog Overall will be the first swine sold in the auction.

2019 DeKalb County 4-H Blue Ribbon Auction Buyers & Contributors

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Almburg Auction - Steve Almburg
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Bar K Farms
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Special Thanks

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University of Illinois Extension – DeKalb
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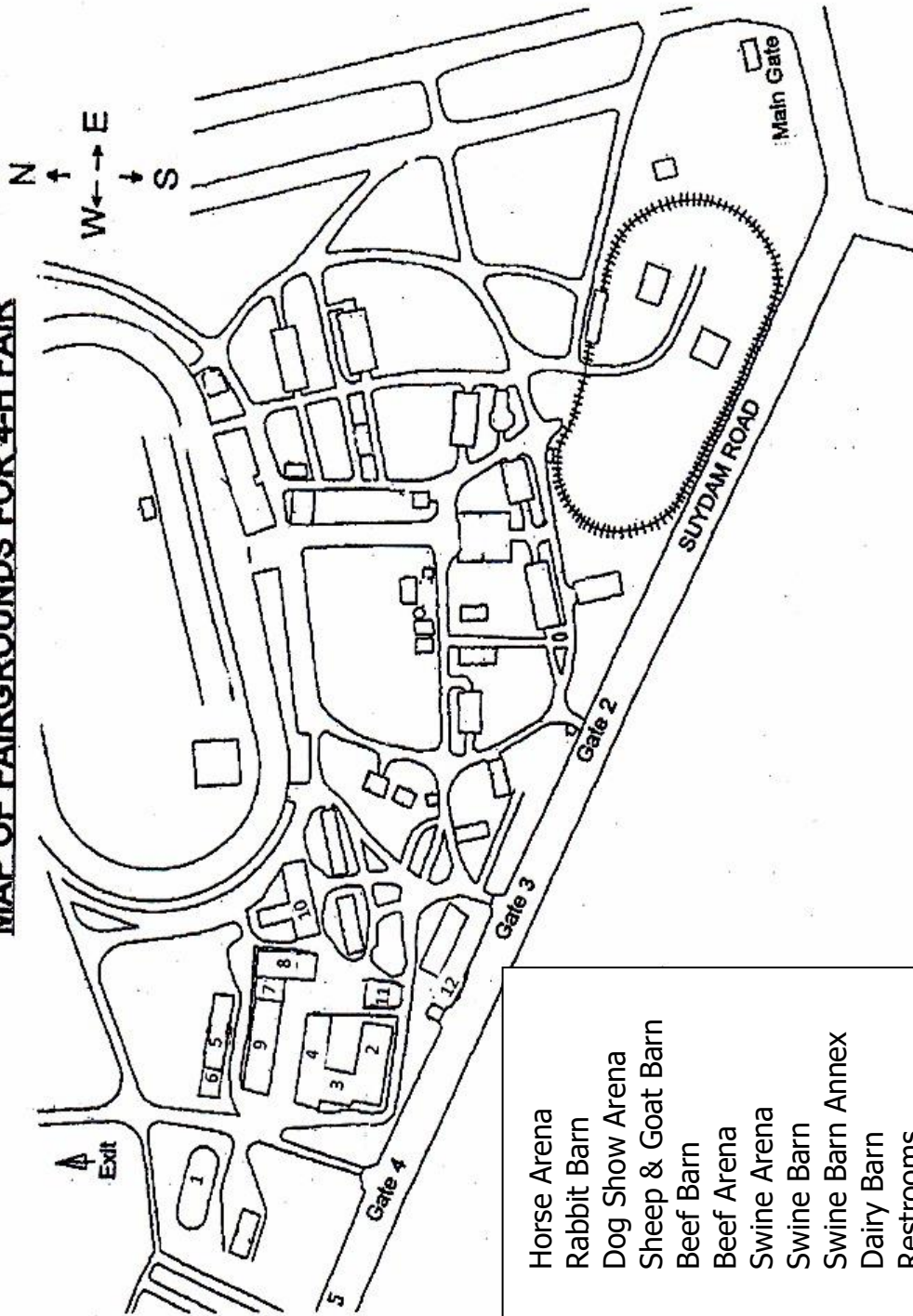
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**4-H Fair
Sandwich Fairgrounds
July 31, August 1 & 2, 2020**

MAP OF FAIRGROUNDS FOR 4-H FAIR



- | | |
|----|-------------------|
| 1 | Horse Arena |
| 2 | Rabbit Barn |
| 3 | Dog Show Arena |
| 4 | Sheep & Goat Barn |
| 5 | Beef Barn |
| 6 | Beef Arena |
| 7 | Swine Arena |
| 8 | Swine Barn |
| 9 | Swine Barn Annex |
| 10 | Dairy Barn |
| 11 | Restrooms |
| 12 | 4-H Office |

Special Thanks to



ADM

**Archer Daniels
Midland**

**For sponsoring
the cost of
the fairgrounds
and the PA System
for the 4-H Fair**

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