# COLES COUNTY
# 4-H SHOWS
## 2021
### PROJECT REQUIREMENTS
### &
### AVAILABLE EXHIBIT OPPORTUNITIES
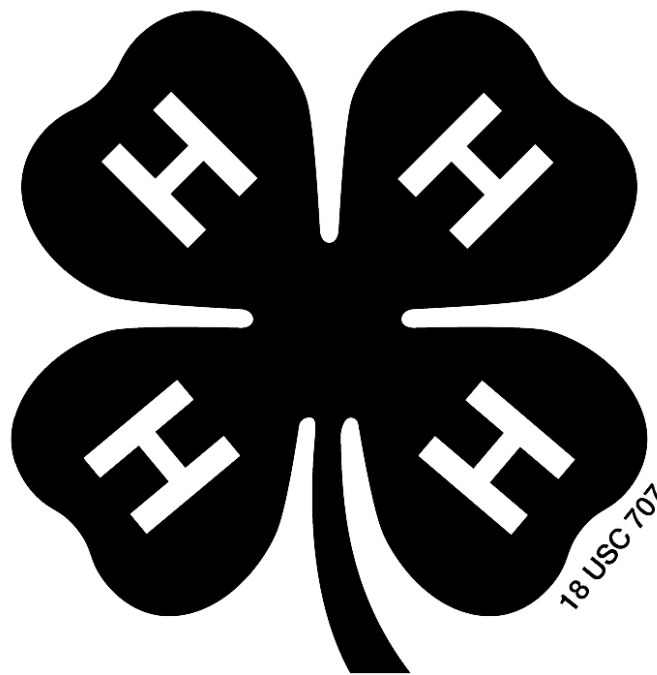
**DISCLAIMER**

**"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, premium amounts may not be accurately reflected in this Premium Book."**
**Illinois and Coles County 4-H Policies**

Any announcements made during the
2021 4-H Fair will overrule anything in
print in this 2021 4-H Fair book.

The Illinois 4-H program is administered by University of Illinois Extension, which provides local staff consisting of professionals, coordinators, and adult and teen volunteers.

The overall mission of 4-H is to assist youth in acquiring knowledge, developing life skills and forming attitudes that will enable them to become self-directing, productive and contributing members of society.

4-H is for all youth, rural and urban, with programs conducted in all Illinois counties. Projects and activities may vary from county to county.

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## Coles County Extension Staff

809 Broadway Ave., Mattoon, IL 61938
Telephone: 217-345-7034 ~ Fax: 217-234-6640
Web: *https://extension.illinois.edu/ccdms/*
*Hours:  M-F; 8:00 a.m.-noon; 1:00-4:30 p.m.*


Cheri Burcham--------------------Interim County Extension Director

Kim Morrison----------------------Extension Educator, 4-H Youth Development
Jessica Hays----------------------4-H Program Coordinator
Liz Mason------------------------Office Support Associate

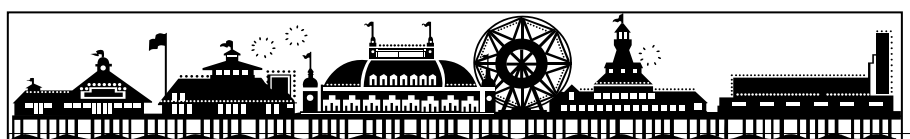
### Illinois State 4-H Office

801 N. Country Fair Drive, Suite E Champaign, IL  61821

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# Thank You

Thank you to everyone who donated awards to the 4-H fair. Recognizing our youth for all the hard work they have done is very important and could not be done without the assistance from our community.

If you need a reasonable accommodation to participate in this program contact, Coles County Extension Office at 217-345-7034. Early requests are strongly encourages to allow sufficient time for meeting your access needs.

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State Street

HORSE BARNS

SWINE

SWINE

SHEEP

SHEEP

E Street

GOAT BARN

DAIRY BARN

DAIRY BARN

BEEF BARN

SHOW ARENA

ARTS HALL

CENTER

Merchant Bldg

Madison Ave
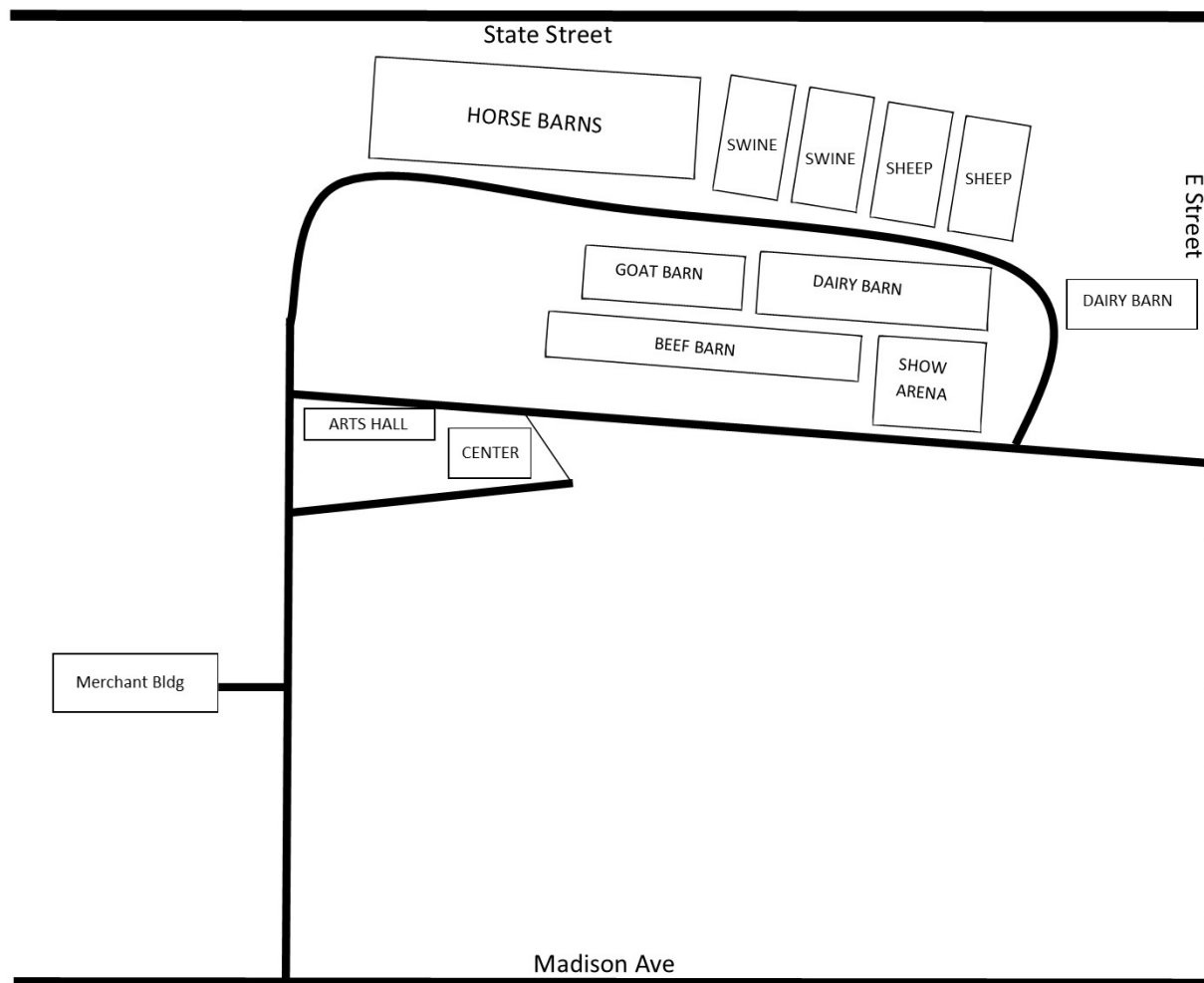
## Coles County 4-H Fair

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# Table of Contents

**Any announcements made during the 2021 4-H Fair will overrule anything in print in this 2021 4-H Fair book.**

# Illinois 4-H outlines safety requirements for in-person events

We're looking forward to the 2021 season! As Illinois 4-H staff plan for the 2021 show and event season, our top priority will continue to be the safety of all involved, combined with a commitment to creating positive youth development experiences for our 4-H members.

We are preparing for the possibility of returning to in-person events, based on local conditions at that time and in conjunction with current IDPH guidelines.

If current local conditions are conducive to in-person events, the opportunity for face-to-face judging for Coles County will require that all participants, spectators, and volunteers adhere to Illinois 4-H event guidelines. We are counting on our 4-H members, their families, and our staff and volunteers to do their part to help make our upcoming events as safe as possible, whatever format they take.

The following COVID-19 social distancing and safety practices reflect requirements of the Illinois Department of Public Health and University of Illinois event guidelines. These mitigation protocols also may be modified to reflect any requirements of the local public health department based on local conditions at the time of the event.

1. Face coverings are required for all youth, spectators, volunteers, and staff when within the defined 4-H event space (inside or outside)
2. Everyone in attendance will practice social distancing during the event, including maintaining six feet of separation (both indoors and outdoors) from those who are not in their households. To allow for social distancing, building and spectator capacity may be limited based on current public health department guidelines.
3. Handwashing and sanitizing stations will be provided throughout the venue.
4. Anyone who has experienced COVID-19 symptoms within the previous seven days is asked to stay home. COVID-19 symptoms include fever, cough, loss of taste or smell, or shortness of breath.

If any of these guidelines presents a challenge for you, please contact us directly at (217) 345-7034. We are happy to discuss what accommodations are possible so that we can look for ways that all youth can safely participate in this event.

As excited as we are about the possibility of stepping back into face-to-face judging, we also recognize that this is a continually evolving situation. Illinois 4-H reserves the right to adjust or cancel events in the case of identified risk, such as changes in local COVID conditions or known instances of non-compliance with safety guidelines.

We truly are stronger together. With your help, we look forward to a safe and successful summer!

## Coles County 4-H Fair

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6

# COLES COUNTY 4-H FAIR

## 4-H PROJECTS

## GENERAL REQUIREMENTS FOR 4-H PROJECTS

**DISCLAIMER - "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, premium amounts may not be accurately reflected in this Premium Book."**

If you need a reasonable accommodation to participate in the 4-H Show (fair), please contact the Extension office at the following phone number and/or address: University of Illinois Extension-Coles County, 809 Broadway Ave, Mattoon, IL 61938, (217) 345-7034 at least two weeks prior to the event.

**NOTE:** *In addition to the general 4-H Requirements listed here, rules applying to specific divisions appear in the divisional listings.*

*Note:*

· **IRS Requirement—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 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.**

### Eligibility Requirements

1.  To be eligible to exhibit at county 4-H shows and to receive premiums, a 4-H'er must have been enrolled in 4-H and their 4-H project(s) by the date set by the Extension Office.

2.  The member must have met attendance requirements. (See "Coles County Policies Book" Pg. 5 for more information) Exceptions to this rule must be approved by Extension staff.

3.  All projects must have been owned, personally cared for, and completed by the 4-H member within the current 4-H year.

4.  The member must have completed a talk or demonstration within their club, school, or other organization.

5.  Participate in at least one county activity.

### Entry Requirements

1.  The 2021 deadline to complete Fair entries into the Fair Entry system is **Monday, June 15, 4:30p.m**. This deadline must be met to be eligible to show. **No entries will be accepted the day of the show**.

2.  Exhibitors are limited to one entry in any given class, unless otherwise stated.

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7

**Show Requirements**

1. Exhibit tags will be provided on show day and must be securely fastened to all articles being exhibited.

2. Project manuals or record sheets are not required for all areas unless otherwise stated but are recommended.

3. Use of page protectors is recommended for binder exhibits.

4. Parents, **leaders** and spectators are **strictly prohibited** from being in designated judging areas. A judge show superintendent or Extension staff member may reserve the right to stop judging until parents and leaders are out of judging area.

5. Exhibitors will participate in conference judging during which exhibits are critiqued by the judge. Judges consider the knowledge exhibited by the member and the appearance of the exhibit when determining rating.

6. **All projects will receive an "A" (blue ribbon), "B" (red ribbon), or "C" (white ribbon) rating. Rating accomplishments are: "A" – project met standards, "B" – project needs improvement, and "C" – project needs much improvement.** Grade levels will automatically be lowered if exhibit requirements are not met**. Only "A" ratings are eligible for champion selection. All judges' decisions are final.**

7. Champion and Reserve Champion ribbons/recognition may be awarded in all project areas at the discretion of the judge. An exhibitor must be present at the time of judging to be eligible to be eligible for State Fair. Exception: if a 4-H'er is at another 4-H event, they are still eligible for State Fair by obtaining an excused absence prior to the 4-H show (see Illinois & Coles County Polices, 4-H Exhibitions, #2). If 4-H'er cannot be present, a written paragraph describing what was learned must be attached to the project.

8. All exhibits from General Projects judging are to remain in the exhibit building during County Fair.  Projects may be picked up on Thursday of the Fair, 7:00 – 8:00 p.m. and on Friday, 9:00 - 10:00 a.m.  Vegetable exhibits may be picked up the same day after **all** judging is complete.  Pictures of the exhibit must then be displayed for the duration and must be in place prior to removal of the vegetables.

Club/Group exhibits are to include a 10-minute presentation by a minimum of 3 and not more than 5 club members. Group projects do not receive premiums and are not eligible for the Champion award. They may be selected for State Fair.

# CODE OF CONDUCT FOR 4-H EVENTS & ACTIVITIES

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 priority first 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 status, educational level, learning style, pregnancy, physical appearance, body size, and individuals with disabilities.

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8

**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.

**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.

**Obey the Law**. Commit no illegal acts. Do not possess, offer to others, or use alcohol, illegal drugs, or tobacco products. 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.

**Honor Diversity – Yours and Others'**. Respect and uphold the rights and dignity of all persons who participate in 4-H programs.

**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 behaviors.  Be considerate and courteous of all persons and their property.

**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.

**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!

**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.

**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.

## BEHAVIORS THAT MAY RESULT IN REMOVAL FROM ACTIVITY

The University of Illinois Extension reserves the right to restrict participation in future activities for those individuals who have been removed from an activity for any behavior outlined in Category 1 or 2.  In all cases, the participant will be responsible for restitution of any damages incurred by his/her actions.

Category 1

a)  Possession, use, or distribution of alcohol and other drugs*, including tobacco products. *Prescription drugs must be listed on an Emergency Medical Information form.

b)  Theft or destruction of public or private property.

c)  Involvement in sexual misconduct or harassment.

d)  Possession or use of dangerous weapons or materials (including fireworks).

e)  Fighting or other acts of violence, actual or implied, that endanger the safety of the participant or others.

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9

Category 2

a) Willfully breaking curfew.

b) Unauthorized use of vehicles.

c) Leaving the site of the event.

d) Participation in gambling.

e) Absence from the planned program.

f) Intentionally interfering with or disrupting the event.

g) Use of profane or abusive language.

h) Disregard for public or personal property.

i) Public displays of affection or inappropriate actions.

j) Failure to comply with direction of Extension personnel, including designated adults acting within their duties and guidelines.


**4-H Ruling**

The Coles County Extension staff, or a designated committee, reserves the right to interpret all 4-H rules. This interpretation shall be final. Complaints should be made in writing and signed. These complaints should be accompanied by the necessary proof to substantiate the complaint. All complaints will be reviewed.

**Consequences:**

University of Illinois Extension reserves the right to restrict participation in future activities for those individuals who have been removed from an activity for behavior, as outlined in Category 1 or Category 2. In all cases, the participant will be responsible for restitution of any damages incurred by his/her actions.

**Category 1:**

1. When notified of any of the actions listed under Category 1, the adult in charge, will ascertain the relevant facts, and, with concurrence from the U of I Extension staff, will notify the affected participant of the action and any supporting evidence. The participant will be allowed an opportunity to answer the allegations and, if necessary, law enforcement officials will be notified. While facts are being verified, the participant will be removed from the 4-H activity/event and be under direct supervision of an adult chaperon.

2. The parent or guardian will be notified of the actions of the participant, and upon finding the allegations to be true, must immediately remove the participant from the activity at the parent's or guardian's expense.

3. Documentation must be completed on an "Incident Report Form."

**Category 2:**

1. When notified of any of the actions listed under Category 2, the adult in charge, will ascertain the relevant facts, and, with concurrence from the U of I Extension staff, will notify the participant of the action and any supporting evidence. The participant will be allowed an opportunity to answer the allegations and, if necessary, law enforcement officials will be notified. While facts are being verified, the participant will be removed from the 4-H activity/event and be under direct supervision of an adult chaperon.

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10

2. The parent or guardian of the participants who violate curfew, use vehicles without authorization or leave the site of the event (as outlined in Category 2, letters a, b, c) will be notified of the actions by the participant. The parent or guardian must immediately re-move the participant from the activity, at the parent's or guardian's expense. Participants who willfully disobey conduct as described in Category 2, letters d-i, will receive a verbal and written warning (initialed by the adult and the participant).

Upon receiving a second warning, the parent or guardian will be notified of the behavior and must make arrangements for removal of the participant from the activity, at the parent's or guardian's expense.

Submitting 4-H fair entries indicates you have read the above and that you agree to the following:

*"We understand and accept the responsibility for following the "Code of Conduct" for this 4-H event or activity. We further understand that failure to do so will result in disciplinary action as outlined above and forfeiture of any participant's fees."*

## Protests

A Protest Committee will be formed to determine eligibility of projects exhibited at the fair. The exhibitor must cooperate fully with the Committee in any action they might see fit to take. The Protest Committee shall consist of appropriate superintendents and three Extension Council members. The Protest Committee, at their discretion, may also bar an exhibitor from future exhibiting in the Department.

## Filing a Protest

All protests of eligibility of exhibitors or animals entered in the Coles County 4-H Show must be filed in writing at least twelve hours before the department show begins or within twelve hours after the conclusion of said show. It must be signed by two parties.

If any questions arise that are not covered by the general rules, the 4-H superintendent of the division, Extension Council representatives and Extension staff shall make the decision. Exhibit rules for 4-H shows will be enforced by superintendents, Extension staff and Council representatives. Failure to conform to the rules may result in disqualification.

The parent or guardian must immediately remove the participant from the activity, at the parent's or guardian's expense. Participants who willfully disobey conduct as described in Category 2, letters d-I, will receive a verbal and written warning (initialed by the adult and the participant). Upon receiving a second warning, the parent or guardian will be notified of the behavior and must make arrangements for removal of the participant from the activity, at the parent's or guardian's expense.

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11

# <u>STATE FAIR ELIGIBLITY REQUIREMENTS</u>

## General Projects showing at the Illinois State Fair

1.  A 4-H'er must be 8 years of age by September 1, 2020 to be eligible to exhibit at the State Fair.

2.  To be eligible for State Fair exhibition, the exhibit must have received an "A" rating.

3.  Judges may select any number up to specified limits in different project areas, as determined by quality of projects.

4.  Exhibitors must be present at the time of county judging to be selected as a State Fair Delegate.

5.  State Fair Delegates must fill out the State Fair Delegate Form (dark purple) by Wednesday of the fair for their exhibit entry. Forms can be turned in at the 4-H Center, the Extension office.

6.  State Fair Alternates will be contacted beginning Friday after General Projects Day and will have until the following Monday to contact the office regarding their plans on attending State Fair.

7.  State Fair Alternates will be contacted for openings in State Fair Exhibits. Forms can be turned in at the 4-H Center, the Extension office.

8.  State Fair exhibitors may exhibit one general project at the State Fair.

9.  All general projects State Fair exhibitors will have the opportunity to experience conference judging during the Illinois State Fair.

## Animals showing at the Illinois State Fair

1.  Beef, Dairy, Dairy Beef, Goats, Sheep, Swine, Rabbits, Poultry, Horse & Pony, and Dogs are not shown the same day as the other county projects. Any 4-H member meeting the State Fair requirements in the above projects listed in the Illinois State Fair can exhibit their animal at the State Fair. Dogs must qualify during the dog show. Registration for horses is June 1 in the Extension Office and June 15 for all other livestock showing at State Fair. Illinois State Fair information can be accessed at the following website or by contacting the Extension Office. *https://www2.illinois.gov/statefair/competitions/Pages/default.aspx*

2.  Completion of the Quality Assurance & Ethics Clinic (QAEC) is **<u>required</u>** for all State Fair exhibitors in the beef, cats, dogs, dairy, horse, sheep, small pets, swine, goat, rabbit, and poultry classes. 4-H and FFA members complete the Quality Assurance & Ethics Clinic online using this url: *http://web.extension.uiuc.edu/qaec/* by July 1.

3.  Completion of Youth for the Quality Care of Animals is **<u>required</u>** for all State Fair exhibitors in dairy cattle, beef, swine, sheep, and goats. Complete the training online at ***http://yqca.org*** by July 1.

4.  All 4-H members must follow the health guidelines of the Illinois Department of Agriculture Bureau of Animal Health and Welfare when exhibiting any livestock at county and state fairs in Illinois. Those guidelines are updated annually. The 2021 guidelines can be found at *https://4h.extension.illinois.edu/programs/animal-sciences/livestock-issues*

## Horses showing at the Illinois State Fair

1.  Copies of the ownership and/or lease papers and one set of the photos for horse/ponies exhibiting at the State Fair must be on file with the Coles County Extension Office by June 1. Any number of pictures with ownership/lease papers may be turned in by the June 1 deadline.

2.  State Fair entry forms are due into the Coles County Extension Office by May 24.

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12

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3. No replacement animals will be allowed in the State Fair Junior Horse Show unless that animal has already been registered in the Extension Office by the May 1 deadline. Replacement animals may be allowed only with a vet certificate and if the exhibitor has pictures on file with the Extension Office. The replacement horse may only be exhibited for the same classes as the horse being replaced was signed up for.

4. Violations of the ownership/leasing rules will not be tolerated. Violations may result in disqualification from current and/or the following year's State Junior Horse Show and forfeiture of all premiums and awards.

# 2021 IDOA LIVESTOCK HEALTH REQUIREMENTS

VISIT: https://www2.illinois.gov/sites/agr/Animals/AnimalHealth/Pages/fair-exhibition-requirements.aspx

# LIVESTOCK SECTION

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# 4-H GENERAL LIVESTOCK SHOW RULES

1. A Certificate of Veterinary Inspection (CVI) is required and must accompany all cattle (except steers and calves under 6 months of age), swine, sheep and goats to the fairgrounds. CVI for Illinois-origin livestock shall be void ninety (90) days after issuance. CVI for out-of-state livestock shall be void thirty (30) days after issuance.

2. Exhibits will be given one of three grades by the judge: "A" (blue ribbon), "B" (red ribbon), "C" (white ribbon). Only "A" rated animals are eligible for Champion and Reserve Champion selection.

3. Animals must remain on the fairgrounds until released by the superintendent.

4. All animals must be exhibited by the owner or by another Coles County eligible 4-H member, with approval of the superintendent if it is impossible for the owner to show. **In NO case will someone other than a Coles County 4-H member be allowed to show the animal**. Spectators and friends will not be allowed in the show ring during judging.

5. To be eligible for participation in any livestock showmanship classes, the 4-H member must be enrolled by current year fair enrollment date May 1. in that specific animal project.

6. Purebred animals must be registered or have registration applied for in the member's name or immediate family member and 4-H'ers name as of date project started. (Immediate family includes, Mother, Father, Brother/Sister, or Legal Guardian) Any animal without registration papers will not be allowed to show in the Purebred Breeding Animal Classes. Registration papers may be checked at the show.

7. Animals or livestock must have been owned, personally cared for, and in possession of the exhibitor by the effective ownership date unless otherwise stated.

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13

8. Exhibitors should wear appropriate clothing and closed toe footwear. An exhibitor may be asked to change attire if found inappropriate. Examples of inappropriate attire include halter tops, bare midriffs, spaghetti straps, tube tops, see-through clothing, flip-flops, short shorts, and sunglasses.

9. 4-H'ers must be totally involved with the grooming of their livestock projects for the 4-H Show. Grooming of animals for Coles County 4-H competition shall be limited to the 4-H member, their family and other Coles County 4-H members. Ethical practices must be used for grooming.

10. Pens, stalls, and alleys must be clean and sanitary at all times. Exhibitors must leave stalls and pens in a clean and orderly condition after the show.

11. All large and small animal exhibitors exhibiting at the State Fair are required to have completed the on-line Quality Assurance and Ethics Certification (QAEC) at http://web.extension.illinois.edu/qaec/.  Deadline to complete QAEC is June 1.

12. **Blood Testing Provision** – Illinois Department of Ag personnel may collect blood, tissue or urine samples from any animal being exhibited to test for the presence of illegal drugs.

13. **Physical Abuse Statement -** 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 animals will be excused from exhibition and ordered to be removed from the grounds with all awards being forfeited. As determined by fair officials, superintendents, or veterinarians any practice or deviation from normal humane husbandry practices, including but not limited to artificial manipulations, physical abuse, withholding of feed or water, medical treatments or mechanical applications of any substance, other than on the prescription of a licensed veterinarian, will constitute a violation of show rules and are subject to the above provisions. (The Illinois Humane Care for Animals Act is on file at the Extension Office.)

# 2021 COLES COUNTY FOUNDATION LIVESTOCK AUCTION
## To Be Announced



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14

# 4-H BEEF DIVISION

## Sponsored by the Coles County Extension Foundation

Superintendent – Mark Cox     Asst. Superintendent - Bryan Metzger, William Schilling

1. Entries in the Beef Division must have been owned and personally cared for in accordance with the following rules:
   A. Beef cows and heifers must be owned before June 1 of the current year.
   B. Beef market animals must be owned by February 1 of the current year.

2. All market steers and heifers will be tattooed in February on the announced date. Market Beef exhibited at the 4-H Show must match the tattoo given in February. **If a positive identification cannot be made, the market beef will not be allowed to show.**

3. Each exhibitor is limited to a maximum number of entries as follows:
   Market beef classes to include Rate-of-Gain – **3 entries**
   Breeding Class – **2 entries/class**

4. A Certificate of Veterinary Inspection must accompany **all** breeding stock and market heifers over six months old.

5. All purebred animals must be registered in the member's or in an immediate family member's name and 4-H'ers name. Registration papers **may** be checked. If no papers are available, animals will be shown in crossbred classes.

6. Market steers will be shown by the following breed breakdown: Angus, Hereford/Polled Hereford, Shorthorn, Simmental, All Other Breed and Crossbreeds.

   Angus, Hereford/Polled Hereford, and Shorthorn Steers must be purebred. Simmental steers must be 1/2 blood or higher to show in the Simmental Class. The number of classes in each breed will be determined after the steers are weighed in.

7. Steers will be mouthed by the Beef Committee. Steers may have two temporary incisors out but show no evidence of eruption of permanent incisors. Regardless of age, steers not meeting these requirements cannot be exhibited.

8. Exhibitors are strongly encouraged to stall in the 4-H beef barn for the appearance of an active 4-H beef program.

9. Superintendents reserve the right to bar any animal from showing in the ring if the animal cannot be managed safely. However, it will be viewed by the judge and graded.

10. All cattle will be washed in the designated area that being the wash rack located east of the 4-H Show & Sale Arena.

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11. Dying or artificially changing the color of an animal is prohibited. Coloring agents may **only** be used up to the hock (knee). Powders are not allowed on any part of the animal.

Cattle are to be shown in their natural conformation. The use of **false tail heads is prohibited.** The addition of hair, hemp or any similar substance to any part of an animal's body is prohibited.

No tail ties will be allowed for breeding or market classes. Excess adhesive on the legs beyond what is needed to groom the animal's hair is grounds for disqualification.

Exhibitors found breaking the above rules, either prior to entering the ring or while in the ring, will be asked to **immediately exit the show ring.**

## When making entries, please include breed and date of birth of heifers.

**State Ownership Requirements:**

**Steers & Market Heifers**

-Calved on or after January 1, 2021
-Owned & personally cared for by exhibitor since – February 1, 2021

**Beef Cows & Heifers**
-Age requirement is from September 1, 2018 to March 31, 2021
-Owned and personally cared for by exhibitor since June 1, 2021

**Performance Cow**

-Owned and personally cared by exhibitor since January 1, 2021

- Cows must be born before September 1, 2021 *(Cow-Calf Class only)*

Female Classes - Females will be shown by age and breed. Females include **Cow/Calf pairs** and heifers. Cows may not be shown by themselves, but a heifer calf may be pulled from the cow and entered into the heifer class.

Cow/Calf Pair, 1 class (Calf must be born after January 1, 2021)

| | |
|---|---|
| Angus, 4 classes | Hereford, 4 classes |
| Simmental, 4 classes | Shorthorn, 4 classes |
| AOB/Crossbred, 5 classes | |

Market Beef Classes are based upon weigh-in numbers

| | |
|---|---|
| Angus, 2 classes | Hereford, 2 classes |
| Simmental, 2 classes | Shorthorn, 1 class |
| AOB/Crossbred, 3 classes | |

**No adhesives allowed on bank steers.**

Market Heifer, 1 class

Pair – Females, 2 classes

Pair – Steers, 2 classes

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Bucket Beef Calf, 2 classes (male or female) - must be born after January 1, 2021 and owned by June 1, 2021.  Calf must be bottle or bucket fed by 4-H'er for at least the first 30 days of life. Calves must be healthy and clean; no fitting or clipping allowed.  Only one entry per exhibitor.

Rate of Gain, Steer - awarded to best rate of gain steer from weigh-in to show (Does not include bank steers or market heifers.)

Rate of Gain, Bank Steer – awarded to best rate of gain from weigh-in to show

Rate of Gain, Market Heifer – awarded to best rate of gain from weigh-in to show

**SHOWMANSHIP** - See Showmanship Rules in 4-H Livestock Rules.

# RATE-OF-GAIN SHOW

Steers and market heifers of the Rate-of-Gain Show **will not** be shown in weight classes. Instead, all steers and market heifers will compete against each other according to the following formula:

Daily Gain – 60%          Quality Grade – 20%          Yield Grade – 20%

Each market animal will be evaluated upon leaving the scales at the weigh-in at the fair by a qualified person for quality grade (to the nearest 1/3 grade) and yield grade (to the nearest ½ or whole grade.) Each market animal will also be given a score according to his average daily gain since the initial weigh-in, in February.

The Rate-of-Gain Show will be divided into A, B, or C rating groups. In addition, the top 10 A-rated group of market animals will be required to parade in the show ring immediately prior to the selection of the Grand Champion Steer. These will be the top ten ranked market animals of the group and each will be briefly discussed regarding their performance and grades.

All steers and market heifers weighed in February will be entered in the Rate-of-Gain Class

**Show Classes**

Rate of Gain
Market Beef Classes:
 Single Angus Steer
 Single All Other Breed Steer
 Single Crossbred or All Other Breed Steer
 Single Hereford/Polled Hereford Steer
 Single Market Heifer
 Single Shorthorn Steer
 Single Simmental Steer

The above classes will be broken into weight divisions depending on the number of entries and weight spreads in each breed, except rate of gain.  A Champion of each class will be chosen to compete for Grand Champion Market Beef animal.

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**Market Heifer Class**

Any heifer weighed in at the 4-H Beef Weigh-In can be exhibited as either a market heifer or a breeding heifer. The exhibitor will elect which class they choose prior to weigh-in at the time of the fair.

**Beef Breeding Classes**

The following age classification will be used to break the Beef Breeding Classes:

Breeding Cow – a female calved before September 1 two years ago **or** any female that has dropped a calf.
Intermediate Yearling Heifer – a female calved from January 1 to February 29 the previous year.
Jr. Calf – a calf of either sex calved during the current year.
Jr. Summer Yearling Heifer – a female calved from July 1 to August 31 the previous year.
Jr. Yearling Heifer – a female calved from March 1 to April 30 the previous year.
Sr. Heifer Calf – a female calved from September 1 to December 31 the previous year.
Sr. Summer Yearling Heifer – a female calved from May 1 to June 30 the previous year.
Sr. Yearling Heifer – a female calved from September 1 to December 31 two years ago **and** has not dropped a calf.

Classes for Angus, Hereford, Shorthorn, Simmental, All Other Breed and Crossbred breeds are:

Jr. Calf
Sr. Heifer Calf
Jr. Summer Yearling Heifer
Sr. Summer Yearling Heifer
Jr. Yearling Heifer
Intermediate Yearling Heifer
Sr. Yearling Heifer
Breeding Cow

Cow and Calf – any breed – calf dropped in current year

A champion of each division will be chosen to compete for Grand Champion Breeding Female.

**\*\*Note\*\* All Other Breed—any other breed steer or heifer with a breed registration certificate.**



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18
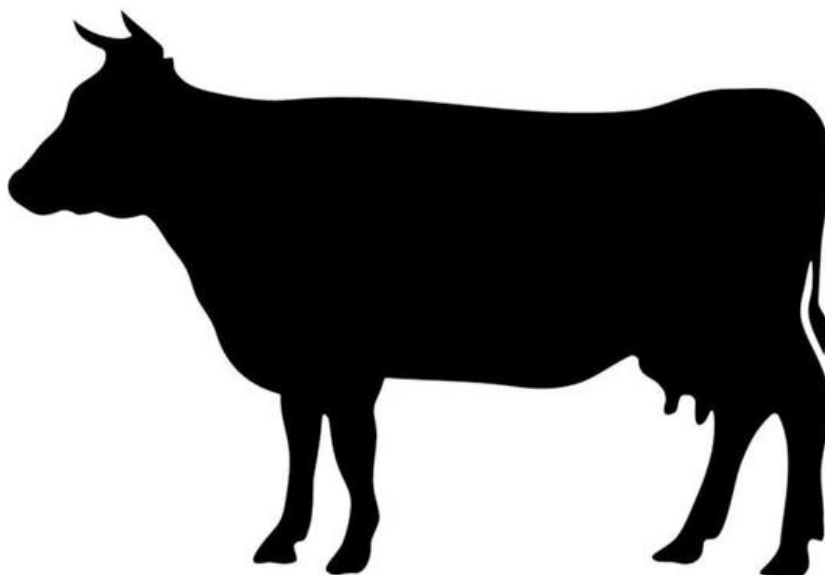
# SHOWMANSHIP CONTESTS

At the conclusion of the Sheep, Swine, Beef, Rabbit, Poultry, Horse, and Goat Shows, a showmanship contest will be held. The contests include a Junior Contest (ages 8-13) and a Senior Contest (ages 14-19). The following rules govern the livestock species showmanship contests:

1. Exhibitor must wear their exhibitor number.
2. The 4-H'ers age on the date of the show will be used to determine if he/she competes in the Jr. or Sr. division.
3. To be eligible for participation in livestock showmanship, the 4-H member must participate in regular livestock judging for that species.
4. An individual may not win Jr. or Sr. division for two consecutive years in the same species.
5. Any Sr. division contestant in a swine, sheep or beef showmanship contest can win only in one species in the same year.
   6. A Champion and Reserve Champion will be selected for both Jr. and Sr. Divisions. Champion and Reserve Champion of the Sr. Division will advance to Master Showmanship contest as equals.

# MASTER SHOWMANSHIP CONTEST

The Master Showmanship contest is sponsored by the Young Leaders of Coles County Farm Bureau. The following rules govern the overall showmanship competition:

1. There will be two exhibitors selected in each of the beef, swine, and sheep species to participate in the Coles County Master Showmanship Contest.
2. The exhibitor must be fourteen (14) years of age or older at the time of the event.
3. The exhibitor must be enrolled in 4-H and be in good standing within their club.
4. To participate in the contest, the exhibitor must have all entry cards, and paperwork filled out correctly with required information. The contest organizers should prepare this information prior to the event.
5. Participants in the Contest must supply their own livestock for the competition. Each exhibitor must own or
   borrow each:  a steer or heifer, a market or breeding lamb, and a market hog or breeding gilt. *The Coles County Young Leaders will NOT supply any animals for competition*. However, if contestants cannot find their own livestock, we will assist in finding an animal.
6. Exhibitors will be given 15 minutes between species, to prepare each animal prior to coming into the ring. *NO Fitting will be done inside the show ring. NO paints or adhesives will be permitted on livestock.*
7. Exhibitor will be judged with same rules and methods of the Illinois State Fair Master Showmanship Contest.
8. Judges will be furnished through the Young Leaders.
9. One overall showmanship winner and one alternate will be selected. The winner will have the opportunity to represent the county at the State Fair Master Showmanship contest held in Springfield Illinois. If the winner is unable to participate, the alternate will be given the right to represent the county.
10. There will be no limit to the amount of times any individual may participate in the Master Showmanship contest.
11. Awards for the top two overall winners in the contest will be presented at the conclusion of the contest.
12. Contest organizers withhold the right to expel any individual who has violated any of the rules or regulations or exhibits improper conduct that is unbecoming a 4-H member.
13. The contest will adhere to any and all guidelines in relation to the Coles County Fair issued by the Illinois Department of Agriculture.
14. The contest will be held at 6:00 p.m. on the Wednesday of the fair in the cattle show ring of the Fairgrounds.

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19

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# 4-H PREMIUMS

The Agricultural Premium Fund is authorized under the Agricultural Fair Act and administered by the Illinois Department of Agriculture Bureau of County Fairs.  The 4-H portion of the Agricultural Premium Fund is administered by University of Illinois Extension.  To be eligible to receive 4-H premiums (monetary award) 4-H members must be enrolled in a premium eligible project **and** exhibit their completed project during Coles County 4-H public exhibitions.

 *Premiums will be provided based on available funds.*

*Disclaimer*:  ***"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, premium amounts may not be accurately reflected in this Premium Book."***

There are two classifications of projects—Premium Eligible Projects and Non-Premium Eligible Projects.  Premium Eligible Projects are state approved projects with a public exhibit opportunity.

Coles County 4-H uses an X factor to calculate premiums.  Each Premium Eligible Project is classified into one of two premium categories.  Below is a table that shows the values of "Blue", "Red", and "White" ratings in each of the two categories.

Thus a "Blue" rating in Category II is worth three times as much as a "White" rating in that same category.  A summary of what category projects are in is listed below.  Every attempt has been made to place projects in appropriate categories.  Any exclusions are simply an oversight.

Category I—Non Premium Eligible Projects—All county level projects, and Cloverbud exhibits.

Category II—Premium Eligible Projects—Aerospace, Animal Science, Bicycles, Civic Engagement, Clothing and Textiles, Communications, Computer Science, Consumer Education, Crops & Soils, Electricity, Entomology, Food and Nutrition, Forestry, Geology, Geospatial, Health, Horticulture, Intercultural, Intergenerational, Interior Design, Leadership, Natural Resources, Photography, Plants & Soils, Robotics, Small Engines, Small Pets, Theater Arts, Tractor, Veterinary Science, Video/Filmmaking, Visual Arts, Welding, Woodworking. Premium Eligible Group Projects—Citizenship Public Adventures, Passport to the World.

—Beef, Cats, Dairy Cattle, Dogs, Goats, Horse and Pony (all classes), Poultry, Rabbits, Sheep, Swine

| Category | Rating | | |
|---|---|---|---|
| | **Blue** | **Red** | **White** |
| Category I | 0X | 0X | 0X |
| Category II | 3X | 2X | 1X |

**NOTE: Only one premium is paid per class through the 4-H Ag Premium Fund to eligible 4-H'ers.**

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20

## 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.

## Checks

**In years when premium checks are issued, 4-H'ers have 60 days, from the date listed on the check, to cash the check. Premium checks will be null and void after the 60 days and will not be reissued.**

# 4-H GOAT DIVISION

Superintendent – Gloria & Tom Jones

**Note: See "General Livestock Rules" for rules that apply to all species, Pg. 12.**

1. **Ownership Dates & Requirements:**

    A. All breeding does must have been owned before January 1 of the current year.
    B. All doe kids and yearlings not in milk must have been owned by June 1 of the current year.
    C. All Market animals must be owned by May 1 of the current year.
    D. Registration papers must show ownership of the animal(s) in the name of the exhibitor or ownership by immediate family members **and** exhibitor for the period required in the 4-H/FFA projects.
    E. Boer does must be registered Purebred or Percentage. Dairy does must be registered Purebred or Recorded Grade.
    F. **No registration papers are required on ALL Market animals or on All Other Meat Goat breeds (does).**

2. All Market animals must be born October 1 of previous year to May 1 of current year and still have kid teeth with no evidence of breaking by show date. Teeth will be checked. No Market animals or Doelings younger than 6 weeks by fair date will be shown. If in doubt in aged classes, teeth can be checked and placed in correct age classes.

3. All Market animals must be presented with a scrapie tag or breed tattoo with registration papers on the first Saturday in May. All wethers **must** be castrated and all Market animals **must** be disbudded when presented.

4. It is mandatory by the ADGA that ALL dairy animals must be disbudded. Rubber banding just for tip removal is not acceptable. Dairy animals with natural horns shall not be shown. Animals which have been dehorned may be shown without regard to discrimination.

5. A Certificate of Veterinary Inspection must accompany all goats. A veterinarian must inspect the animal(s) within 90 days of time of exhibit in the state of Illinois. If micro-chips are used instead of FED ID tag or breed registration tattoo number, exhibitor must provide own reader.

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21

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6. Exhibitors may make **2 entries per class**, except in the pairs classes which are limited to **one entry**. Exhibitors are not limited to one breed.

7. All dairy does shown in milking classes must be shown in milk and must be milked out 12 hours prior to start of show time. If needed, the superintendents will supervise. **Nursing young are not allowed in the show ring during judging.**

8. Meat goats will be judged according to the breed's standards.

9. Exhibitors ages 8-9 years old showing horned animals must have a 4-H'er 10 years or older to assist them in the show ring.

10. For penning purposes, please declare, when making fair entries, the number of horned and number of disbudded goats exhibitor is bringing to the fair.

11. Percent Boer Goats and Full Blood Boer Goats (Purebred) must be registered in the exhibitor's name or the name of an immediate family member **and** exhibitor. Registration papers must accompany animal to the fair. No registration papers are needed on All Other Meat Goat Breeds.

12. Purebred/Percentage Boer does and All Other Meat does will be shown in the same class unless the number of entries is large enough to warrant splitting into separate classes.

13. All dairy goat does must be registered purebred or recorded grade in the name of the exhibitor or the name of an immediate family member **and** the exhibitor. Registration must accompany animal to the fair.

14. **All** goats are to be in place by 8:00 a.m., Sunday of the Fair. The only meat goats with horns that may exhibit are the breeding does. Horned goats will be penned in the dairy cattle barn east of the goat barn and shown in the goat barn show ring.

16. Exhibitors are responsible for caring for their goats for the duration of their stay at the fairgrounds. Superintendents are not responsible for exhibitor's animals.

15. The health paper checks by the vet will be done Sunday morning at the weigh-in. All registration papers will be checked at this time as well.

> **Ownership Requirements:**
>
> Market animals—must be born October 1, 2020, owned and cared for by exhibitor by May 1, 2021.
>
> Does—Kids and yearlings must be owned and cared for by exhibitor by May 1, 2021. Milking does must be owned by exhibitor by January 1, 2021.
>
> Meat goats are to be owned by exhibitor by May 15, 2021.

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22

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**Goat Classes**

**Dairy**
Purebred/Recorded Grade Doe kid 6 weeks to 5 months
Purebred/Recorded Grade Doe kid 6 months and under 1 year
Purebred/Recorded Grade Doe yearling not in milk
Purebred/Recorded Grade Doe yearling in milk
Purebred/Recorded Grade Doe 2 or 3 years old in milk
Purebred/Recorded Grade Aged Doe, 4 years and over in milk

Purebred/Recorded Grade Market Animal born October 1 previous year to May 1 of current year, light weight and heavy weight
Purebred/Recorded Grade Pair of Does under 12 months of age but six weeks or older.

**Meat-Boer**

Purebred/Percentages: Doe kids, June 1 -3 months
Purebred/Percentages: Doe kids, 3 – 6 months
Purebred/Percentages: Doe kids, 6 – 9 months
Purebred/Percentages: Doe kids, 9 – 12 months (for Jr. Champion)
Purebred/Percentages: 12 – 24 months
Purebred/Percentages: 24 months & over, must have freshened; this is a breeding class (for Sr. Champion)
Pair of does under 12 months of age but six weeks or older
Market Animal born October 1 previous year to May 1 of current year; light weight,
medium weight, and heavy weight.

# 4-H HORSE AND PONY DIVISION

Superintendent – Scott & Carrie Gossett

**Ownership/Lease**
Horse and ponies must be owned or leased by the 4-H member and must be part of the member's project. Current proof of ownership must be on file by **June 1** of the exhibit year at the county Extension office. 4-H'ers should include papers for all animals that the member may plan to exhibit at the State Junior Horse Show and the 4-H County Show. This is mandatory for all horses and ponies, grade and registered animals.

All papers are kept on file until the 4-H member removes them. Exhibitor does NOT need to re-submit proof of ownership papers every year. The exhibitor should keep all ownership papers on file current. For example, if a horse/pony has not been shown previously, its papers must be added to the exhibitor's file.
Proof of ownership requirements are:
- Non-registered horses: ownership forms are available at the office.
- Leased horses: lease agreement forms available at the office. If the leased horse is the same as previous year, **a new form must be submitted**.
- Two photos of the horse/pony – one photo of each side. If horse/pony has previously been shown at IL Jr. Horse show, original photos were sent with entries and new photos must be submitted to exhibitor's ownership file.
- Registered horses: copy of registration papers

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23

1. Horses and ponies must be on the grounds by the scheduled time. Show will begin promptly at designated time.

2. Exhibitors must present a negative Coggins test certificate for each animal. You can bring it the day of the show OR prior to the horse show, you can put a copy in your file at the office.

3. Entries in the "Age of Exhibitor" classes (13 and under), (14 and over) are to be made using the exhibitor's age as of September 1 of the current 4-H year.

4. An exhibitor (inexperienced rider) entering the "Walk and Trot" class may not enter the following classes: pleasure, equitation and horsemanship.

5. Ponies in the 56" and under classes are subject to measurement. No ponies 56" and under will be allowed in the over 56" classes. Miniature horses must measure no greater than 34" for the miniatures classes.

6. Superintendents reserve the right to bar any animal from showing in the ring if the animal cannot be managed safely. However, it will be viewed by the judge and graded.

7. Exhibitors with unsportsmanlike conduct will be excused from the class.

8. An animal may be shown by more than one exhibitor from the same family but not in the same class. (i.e. two sisters may show the same horse, one showing in the pole bending class and the other in the flag race. They may not both show the same horse in the Pole Bending class.)

9. For safety reasons, the exhibitor will be required to wear boots, preferably with some kind of heel, while exhibiting. It is suggested that the exhibitor wear a long-sleeved shirt.

10. **Equine Headgear**: 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.

11. Exhibitor must wear proper attire for English Class which requires helmet.

12. Gaming classes must be run in Western attire and tack. A stock type saddle must be used and it must fit the horse and the rider. Open toed stirrups are required, and tapaderos will not be allowed. Any half-breed, snaffle, curb, or spade bit may be used with split reins or romal. Curb chains must be at least ½" wide and be flat against the jaws of the horse. All curb chains must meet with the judge's approval. No wire, bosals, martingales and draw or side reins will be allowed. Rope and slicker are optional, and hobbles are recommended with the use of a romal. Silver equipment may be used but shall not be given preference over good working equipment.

13. Halter classes will be shown in halter or as breed requires. Showmanship at halter can be Western or English.

14. There will be a five-minute time limit for tack changes.

15. Current AQHA rules will apply in all cases where 4-H rules do not apply.

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24

**Ownership Requirements:**

Ownership/leased on or before June 1, 2021

**Horse & Pony Classes - Only one horse/pony per class**
2-year-old at halter
Aged at halter
Miniature horses – 34" and under
Pony 56" and under at halter
Grand Champion Halter - first place winners in all halter classes will be competing for Grand Champion Halter

Jr. Showmanship at halter, optional tack
Sr. Showmanship at halter, optional tack

Hunt seat – saddle seat equitation
Hunt seat – saddle seat pleasure

Walk & trot – for inexperienced rider – see rule #4

Western pleasure pony 56" and under
Western pleasure over 56"
Jr. Western Horsemanship (13 and under)
Sr. Western Horsemanship (14 and over)

Barrel race
Costume class
Egg & spoon race competition
Flag race
Plug race
Pole bending
Trail class – three-minute time limit per obstacle

Catalog Race for non-winners – fun class—entries will be determined after all other events

# 4-H POULTRY

Superintendent – Tim Lading, Julie Lading

**Note: See "General Livestock Rules" for rules that apply to all species, Pg. 28.**

1. Bird(s) must be owned by June 1 of current 4-H year and cared for by the 4-H'er.

2. An exhibitor may show any variety of birds in the market class.

3. Exhibitor is limited to two entries per class (except pens—1 entry) and no more than fourteen entries for all classes.

4. Birds from the pair classes may be shown as individuals.

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25

5. Birds are defined as follows:
   Cockerel - male hatched after January 1 of the current year.
   Pullet - female hatched after January 1 of the current year.
   Hen - female hatched prior to the current year.

6. The broiler-fryer bird must be a hen, cockerel or capon weighing under 4 pounds and hatched after January 1 of current year. The class is judged on conformation, fleshing, finish and feathering. The broiler/fryer market pen shall consist of 3 birds of 3 cockerels OR 3 pullets), each weighing under 4 pounds.

7. The roaster bird must be a hen, cockerel or capon weighing 4 pounds or more and hatched after January 1 of current year. The roaster market pen shall consist of 3 birds of 3 cockerels OR 3 pullets each weighing 4 pounds and over.

8. Egg production: exhibit one dozen eggs produced by chicken(s) owned by the exhibitor.

9. No wild game birds such as pheasant & quail may be exhibited.

10. Market birds will be weighed before the start of the show.

11. Birds are to be kept in the exhibitor's own coops.

12. Showmanship includes clean coops and birds.

13. <u>Foundation Livestock Auction:</u> Each exhibitor may sell one bird from an individual market class OR a market fryer OR roaster meat pen (three for the price of one) OR one domestic fowl. If an exhibitor desires to sell a bird in the sale, he/she must sign up **immediately** following the poultry show. The seller must furnish a coop, or some means of containing the bird once it is sold.

14. No feather trimming or clipping of wings.

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**Bantam Classes**
Individual cockerel
Individual hen
Individual pullet
Individual rooster
Pair – cockerel and pullet
Pair – rooster and hen

**Poultry Classes**
Individual cockerel
Individual pullet
Individual hen
Pair – cockerel and pullet

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Market class **broiler-fryer bird (all breeds, crosses, and hybrids)
Market class **roaster bird (all breeds, crosses, and hybrids)
Market class **roaster pen (1 entry)
Market class ** broiler-fryer pen (1 entry)
Other domestic fowl – turkey, geese, ducks, guinea, peacocks, etc.
Egg production
Individual rooster
Pair – rooster and hen

**Ownership Requirements:**

Owned and cared for by exhibitor by June 1, 2021.

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# 4-H RABBITS

Superintendent – Brad Homann

1  Ownership dates for all rabbits except fryers will be June 1; fryers must be owned by June 1.

2.  The show will be held on Sunday of the Fair.

3.  An exhibitor is limited to two entries in each class, **and** not more than twelve entries for all classes. (meat pens—1 entry only)

4.  Rabbits entered in the fryer class cannot be shown in the buck or doe classes.

5.  Fryers must weigh 5 pounds or under; will be weighed by the judge at time of show.

6.  Meat pen must weigh 15 pounds or under with each animal weighing between 3-5 pounds; will be weighed by the judge at time of show.

6.  Foundation Livestock Auction: Each exhibitor may sell one rabbit from either market class or may sell a meat pen (three for the price of one). If an exhibitor desires to sell a rabbit in the sale, he/she must sign up immediately following the rabbit show. The seller must furnish a pen or some means of containing the rabbit once it is sold.

**Rabbit Classes**
Individual Fryer (either sex) 5 pounds or under
Intermediate Buck—6 to 8 months of age
Intermediate Doe—6 to 8 months of age
Junior Buck—3 to 6 months of age
Junior Doe—3 to 6 months of age
Meat Pen - 3 fryer rabbits (8-10 weeks of age) 15 pounds or under
Pre-Junior Buck—under 3 months of age
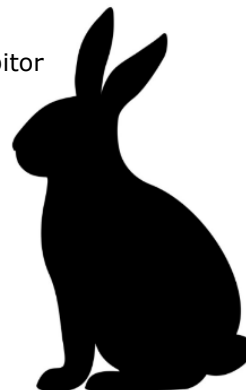Pre-Junior Doe—under 3 months of age
Senior Buck—over 8 months of age
Senior Doe—over 8 months of age

**Ownership Requirements:**

Owned and cared for by exhibitor by June 1, 2020.

Fryers by June 1, 2021.

**Showmanship** - See Showmanship Rules in 4-H Livestock Rules.

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# 4-H SHEEP DIVISION

Superintendent - Brad Homann
**Note:  See "General Livestock Rules" for rules that apply to all species, Pg. 28.**

1. <u>Weigh-In</u>. Weigh-in:  All participants in the rate-of-gain class at the county fair are required to have lambs weighed on the date set in early May. Additionally, all participants in the premier class at the state fair are required to weigh their lambs at this time.

2. <u>Ownership Deadlines</u>. Market lambs must be owned by May 15 of the current year. Ewe lambs, yearling ewes, and ram lambs must have been owned by June 25 of the current year. Yearling Ewe – born after September 1 of previous 4-H year and before September 1 of current 4-H year. Fall lamb – born between September 1 & December 31 of current year. Spring lamb – born after January 1 of current 4-H year.

3. Market lambs may be of any breed, grade, purebred, or crossbred.

4. Each exhibitor may make two entries in each breeding class. Each exhibitor may show two breeds (including commercial).

5. Each exhibitor may show up to four market lambs, but no more than two per division (black face wether, white face wether, speckle face wether, black face ewe, white face ewe, and speckle face ewe). The 4-H'er may choose to exhibit one of the market entries in the Rate-of-Gain class.

6. All sheep must have a scrapie tag for identification.

7. All sheep in lamb classes, including market lambs, must have their baby teeth still intact.

8. All animals in breeding classes, except commercial, must be registered. Registration papers will be checked and must accompany sheep to the fairgrounds.

9. All market lambs, including ewes, will be weighed on show grounds scales on Sunday morning of the fair. The wethers and ewes will then be divided into hair, white-face, black-face and speckled face weight classes of equal numbers so far as possible.

10. Grooming of animals for Coles County 4-H competition shall be limited to the 4-H member, their family and other Coles County 4-H members.

11. Artificial coloring of sheep will not be allowed. Market lambs may be white toweled before entering the show rings.

12. All market lambs (wethers and ewes) must be slick shorn and show ring ready before the 4-H Sheep weigh-in on Sunday for purposes of lamb fungus identification (no patch shearing is allowed). Note:  This does not exclude or restrict additional fitting prior to showing.

13. The use of muzzles is prohibited. All animals are to be fed, and water should be present at all times while on exhibit.

14. When market lambs are being judged, they must have all 4 feet on the ground. No lifting of the animals. Slapping will not be tolerated.

15. Each exhibitor is limited to two (2) entries in the fleece class. The fleece will be judged as part of the animal, not shorn.

16. To be eligible to exhibit at the Illinois State Fair, exhibitors weighing an animal MUST know the rules of weight requirements.

## Sheep Breeds & Classes
Breeds not listed should be entered in the respective All Other Breed (AOB) class.

| | |
|---|---|
| Corriedale | AOB Meat |
| Commercial | AOB Wool |
| Dorset | |
| Hair | |
| Natural Color | |
| Southdown | |

## Breeding Classes
Breeding classes will be divided by breed and age of animal

| | |
|---|---|
| Spring Ewe Lamb | Spring Ram Lamb |
| Fall Ewe Lamb | Fall Ram Lamb |
| Yearling Ewe | |

> **Ownership Requirements**:
>
> **Market Lambs:**
>
> Owned and personally cared for by 4-H'er by May 15, 2021.
>
> Lambed on or after January 1, 2021.
>
> **Ewes & Rams:** Owned by June 25, 2021

## Market Classes
Market Classes will be divided by weight and face color of animal

| | |
|---|---|
| Market Ewe, White Face | Market Ewe, Hair |
| Market Ewe, Black Face | Market Wether, Hair |
| Market Ewe, Speckle Face | |
| Market Wether, White Face | |
| Market Wether, Black Face | |
| Market Wether, Speckled Face | |

           Pair of Market Lambs, ewe or wether in any combination (class not divided by face color)

## Other Classes
    Fleece
    Rate-of-Gain

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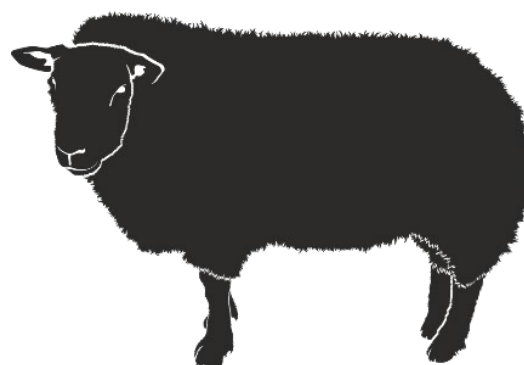
# 4-H SWINE DIVISION

Superintendent – Rod Helton, Chris Cox, Matt Newby

1. All swine entries must have been farrowed on or after January 1 of the current year.  Single gilts and barrows must have been owned by the exhibitor since June 1 of the current year.

2. All single purebred animals must be registered in the name of the exhibitor or in the name of an immediate family member and the exhibitor. Exhibitor must be prepared to show registration papers (purebred animals). If registration papers are not presented, animal will be shown in the crossbred class.

3. ALL SWINE, (including barrows) purebred and commercial, must have been ear notched within 10 days of birth. Pigs showing evidence of fresh ear notch will not be allowed to show.

4. Health papers and registration papers will be checked at the conclusion of weigh-in. Purebred animals must have registration papers. All purebreds without registration papers will be placed in the crossbred class.

5. A minimum of **TWO** pigs per pen.

6. A weigh-in/check-in committee will be appointed by the Swine Superintendents. All market animals will be weighed during the Sunday check-in. **Immediately following weigh-in, all 4-H'ers must check-in at the announcers stand to designate which swine they will be showing in 4-H.**

7. All exhibited barrows will have their weight painted on their backs on Sunday morning of the fair.

8. There will be no weight restrictions on any class. All class breaks will be determined by the Swine Superintendents.

9. All class winners will be eligible for championship drive, except for purebred bred & owned.

10.  All animals should be fed and pens cleaned before 8:00 a.m.

11. All pens should be cleaned by 10:00 a.m. the morning after the livestock auction.

12. Foundation Livestock Auction – only market animals (market gilts or market barrows) may be sold.

13. Foundation Livestock Auction- If a pig becomes ill, it will NOT be allowed to sell in the auction. No other barrow or gilt will be allowed to take the place of the ill pig.

14. Livestock auction numbers will be drawn at the conclusion of the swine show.

15. A Grand Champion Breeding Gilt will be chosen from the champion breeding gilts and champion commercial gilts.

16. A Grand Champion Market Swine will be chosen from the champion purebreds, champion crossbreds, and champion market gilts.

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30

## ENTRIES

1.  Commercial breeding and Purebred gilts are allowed 3 head with 2 entries per breed or class.

2.  Market animals "barrow/market gilts", are allowed 3 head with 2 entries per breed or class.

3.  Purebred bred & owned. Each exhibitor limited to one entry in breeding gilt and one entry in market swine.

4.   All purebred classes must have three or more entries. **All purebred classes with less than three entries may be placed in an AOB class.**

5.  Only gilts and barrows may be shown in Showmanship classes.


## SWINE CLASSES

**Breeding gilt:**  a female hog bred for production of litters.

**Market gilt:**  a female hog bred for meat quality on the market.


*A judge may use different judging standards for a breeding gilt than that of a market gilt.


Classes for Berkshire, Black Poland China, Chester White, Duroc, Hampshire, Hereford, Landrace, Spotted, Tamworth, Yorkshire, and Commercial Breeds (cross) are

-   **Barrow**

-   **Breeding Gilt**

-   **Market Gilt Class** (shown by weight)

-   **Purebred Bred & Owned -** gilt, market
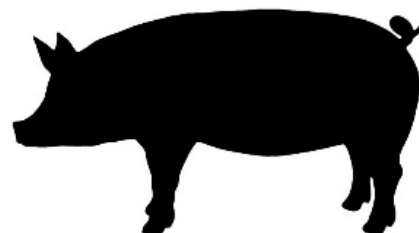

**SHOWMANSHIP** - See Showmanship Rules in 4-H Livestock Rules.


**Ownership Requirements:**

**All Swine**

-Farrowed on or after January 1, 2021.

**Singe gilts, barrows**
-Owned & personally cared for by exhibitor since – June 1, 2021.

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# DOG OBEDIENCE

The 4-H Dog Obedience Show time TBD
**Proof of rabies vaccination must be brought with dog.**
**Exhibitor limited to one entry per class.**

Superintendent –

1. Proof of rabies vaccination must be brought with dog.

2. Exhibitor is limited to one entry per class.

3. Dogs must be taken home after they are judged.

4. Dogs must be brought into ring on leash.

- Beginner Novice I (inexperienced dog and inexperienced handler)
- Beginner Novice II (experienced handler and inexperienced dog **or** inexperienced handler and experienced dog)
- Pre-Novice
- Novice

**Beginner Novice I Class** (For inexperienced handlers and inexperienced dogs)

1. Heel on Leash (forward, halt, right turn, left turn, about turn, slow, normal and fast). The last order signifies that the handler and dog must break pace. These orders will be given by utilizing posted signs ........................................... Maximum points .........................................40
2. Figure Eight (on leash) .............................. Maximum points .........................................40
3. Sit for Exam (on leash) .............................. Maximum points .........................................40
4. Sit Stay (walk around ring) ........................ Maximum points .........................................40
5. Recall (off leash front/no finish) ................... Maximum points .........................................40

**Beginner Novice II Class** (For experienced handlers and inexperienced dogs or experienced dogs and inexperienced handlers.)

1. Heel on Leash (forward, halt, right turn, left turn, about turn, slow, normal and fast). The last order signifies that the handler and dog must break pace. These orders will be given by utilizing posted signs ........................................... Maximum points........................................... 40
2. Figure Eight (on leash) .............................. Maximum points...........................................40
3. Sit for Exam (on leash) .............................. Maximum points ...........................................40
4. Sit Stay (walk around ring) ........................ Maximum points ...........................................40
5. Recall (off leash front/no finish) ..................... Maximum points ...........................................40

**Preferred Novice Class**

1. Heel on Leash and Figure 8 ................................ Maximum points .........................................40
2. Stand for Examination (off leash) ........................Maximum points .........................................30
3. Heel Free (off leash) ........................................Maximum points .........................................40
4. Recall (off leash with finish) ..................................Maximum points .........................................30

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5. Sit or Down Stay-Walk around the Ring.................Maximum points ........................................30

6. Sit Stay-Get Your Leash (off leash) ........................Maximum points ........................................30

### Novice Class

1. Heel on Leash and Figure 8 (on leash) .................... Maximum points .......................................40

2. Stand for Examination (off leash) ...........................Maximum points .......................................30

3. Heel Free (off leash) ............................................. Maximum points .......................................40

4. Recall (off leash) .................................................. Maximum points .......................................30

5. Sit Stay – Get your leash (off leash) ....................... Maximum points .......................................30

6. Group Exercise – Sit & Down Stay (on leash) ........... Maximum points .......................................30

### Graduate Novice Class

1. Heel Free and Figure 8 (off leash) **...........................** Maximum points .......................................40

2. Drop on Recall **.........................................** Maximum points........................................40

3. Dumbbell Recall ................................................. Maximum points ....................................... 30

4. Dumbbell Recall over High Jump ........................... Maximum points .......................................30

5. Recall over Broad Jump ....................................... Maximum points ....................................... 30

6. Stay-Get your leash (sit, Down) ........................... Maximum points .......................................30

### Preferred Open Class

1. Heel Free and Figure 8 ...................................... Maximum points .......................................40

2. Command Discrimination (Stand, Down, Sit) ........... Maximum points .......................................30

3. Drop on Recall ................................................. Maximum points .......................................30

4. Retrieve on Flat ............................................... Maximum points .......................................20

5. Retrieve over High Jump .................................... Maximum points .......................................30

6. Broad Jump ..................................................... Maximum points .......................................20

7. Stay-Get your leash (Sit, Down) .......................... Maximum points .......................................30

### Open Class

1. Heel Free and Figure 8 ...................................... Maximum points .......................................40

2. Command Discrimination (Stand, Down, Sit) ............. Maximum points .......................................30

3. Drop on Recall ................................................. Maximum points .......................................30

4. Retrieve on Flat ............................................... Maximum points .......................................20

5. Retrieve over High Jump .................................... Maximum points .......................................30

6. Broad Jump ..................................................... Maximum points ..................................... 20

7. Stay-Get your leash (Sit, Down) .......................... Maximum points .......................................30

### Graduate Open Class

1. Signal Exercise ................................................ Maximum points .......................................40

2. Scent Discrimination ......................................... Maximum points .......................................30

3. Go Out .......................................................... Maximum points .......................................30

4. Directed Jumping ............................................. Maximum points ..................................... 40

5. Moving Stand and Examination ............................ Maximum points .......................................30

6. Directed Retrieve ............................................. Maximum points .......................................30

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**Preferred Utility Class**

1. Signal Exercise ......................................................... Maximum points ...................................40
2. Scent Discrimination Article #1 ........................................ Maximum points ...................................30
3. Scent Discrimination Article #2 ........................................ Maximum points ...................................30
4. Directed Retrieve ...................................................... Maximum points ...................................30
5. Moving Stand & Examination .......................................... Maximum points ...................................30
6. Directed Jumping ...................................................... Maximum points ...................................40

**Utility Class**

1. Signal Exercise ......................................................... Maximum points ...................................40
2. Scent Discrimination Article #1 ........................................ Maximum points ...................................30
3. Scent Discrimination Article #2 ........................................ Maximum points ...................................30
4. Directed Retrieve ...................................................... Maximum points ...................................30
5. Moving, Stand and Examination ........................................ Maximum points ...................................30
6. Directed Jumping ...................................................... Maximum points ...................................40

**RALLY OBEDIENCE**

1. Dog/Handler team must receive a qualifying score of 70 out of 100 to compete at the state level.
2. The event will be timed. In event of a tie score, the fastest time will break the tie.
3. A Dog/Handler team must receive 3 qualifying scores before advancing to the next level.
4. Rally rings will be at least 2000 x 3000 square feet with a minimum width of 30 feet.
5. Unless otherwise noted, handler may speak to the dog, pat their leg, or clap their hands to encourage.

**Rally Novice**

10-15 signs are used (not including start and finish). 3-7 of the signs must be "stationary" sings. Performed on leash.

**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.

**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.**

**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.

**Rally Awards**

**Qualifying Score ribbon**

**Placing 1-6 (must receive a qualifying score)**

**\*Note: Coles County may not be offering all of the above classes at our local dog show. Be sure to check details on the website, Facebook page, and 4-H Newsletter as fair approaches. Feel free to contact the office at 217-345-7034 for further details.**

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34

# Clarifications for 4-H General Projects for 2021

- **Definition of a display** - 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. The 4-H'er must furnish any equipment needed for the 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.

- **Ready4Life Challenge (Career & Entrepreneurship Exploration)**
  - Must be enrolled in the specific Ready4Life project to exhibit.
  - Open to ages 11 to 18-year-olds.

  Exhibits in this category must include the following:

  - A physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work.
  - 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.

- **Maker Class**

  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:

  - Exhibitors must complete the DIY Make & Build Curriculum and answer all the questions at the end of each lesson. You must display (or upload if virtual) your answers to these questions, as well as your Maker Log from the DIY Make and Build curriculum.

  - 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. Your device or object cannot be one of the included activities in the DIY Make and Build Curriculum.

  - 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).

  - Exhibits 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.

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35

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.

 **(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.

**Sign up for this class in Fair Entry under the Maker class, not the project area class.**

**What is the Maker Movement?**

The Maker Movement is a technology based social movement focused on individuals creating new and useful devices in a DIY manner. The Maker Movement utilizes the power of collaboration on a global scale to create and share ideas, software and hardware that is continuously improved on by anyone willing to contribute. The software and hardware that arise from these global communities is commonly known as open source technologies. The Maker Class empowers those with the creativity and desire to create useful devices or gadgets that have implications beyond this project and can be useful in the real world.

**Who can exhibit in this class?**

Any youth that is enrolled in ANY 4-H project area can exhibit in the maker class.

**Does the youth have to build a device, or can they just design it?**

All exhibits must be 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.

**What is Open Source, and does the project have to include open source technologies?**

Open Source technologies are software or hardware that is created and shared openly by an individual maker or group. With open source software, the source code of the program or app is freely available to download, use and modify to your needs. This is in contrast to a closed source program or app that cost money and can only be used but not modified. Open source hardware may have a fee associated with it, but the plans and specs are available for makers to modify the hardware to their needs. Projects do not necessarily need to use open source technologies, however, must be accompanied by detailed build logs and a bill of materials which will make them a part of the open source universe.

**What qualifies as a maker project?**

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.) and MUST include a detailed build log and bill of materials. A 3D printed or laser cut object alone does not qualify for this class. Projects will be judged on originality, real world applications and market viability, ability to explain design process and concepts, as well as the appearance and build log/bill of materials.

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36

**Examples include:**

- A weather station that updates a farmer on current weather conditions
- A Raspberry Pi based device that keeps track of animals on a farm
- A device that recognizes friends that come over for sleep overs
- A new design for a mechanical blender
- A light up shirt for nighttime bike riders
- A homemade videogame arcade that uses open source software as the operating system.
- A handheld device used for identifying insects on freshly picked fruit

# 4-H AEROSPACE

### Exhibitor limited to one entry per class.

There is no maximum size limit for exhibits. Please choose a display size which is most appropriate for the exhibit you are bringing. Larger does not always mean better; use good judgment in creating your exhibit.

50130---------- **Model Rocketry 2, 3, 4:** Exhibit one model rocket assembled 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. **Attach a printed copy of directions for construction of the rocket and display in a sheet protector. Judging will be based on how well you follow the instructions**. Balsa fins are preferred. No plastic fins. No RTF (ready to fly models). Bring a low power engine if planning on launching.

50131---------- **Aerospace Display 2, 3, 4:** Prepare a display related to the aerospace project which does not fit in the model rocketry class. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. See page 35 for the full definition of what could be included in a display.

50133---------- **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400---------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

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37

# 4-H ANIMAL SCIENCE/ VETERINARY SCIENCE

### Exhibitor limited to one entry per class.

There is no maximum size limit for exhibits. Please choose a display size which is most appropriate for the exhibit you are bringing. Larger does not always mean better; use good judgment in creating your exhibit.

**ANIMAL SCIENCE is open to members in Beef, Cats, Dairy, Dogs, Goats, Horse & Pony, Poultry, Rabbits, Sheep, Small Pets, and Swine.**

50135---------- **Animal Science Small Pets**- Prepare a display focusing on any activity related to the small pets project. Demonstrate the skills and knowledge you have gained through the animal project you studied. 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.

50135---------- **Animal Science Guinea Pigs Display** Prepare a display focusing on any activity related to the guinea pigs project. Demonstrate the skills and knowledge you have gained through the animal project you studied. 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.

50137---------- **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400---------- **Maker (Animal Science)** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50320--------- **Veterinary Science 1-3** 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. See page 35 for the full definition of what could be included in a display.

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38

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# 4-H BICYCLE

## Exhibitor limited to one entry
**(not eligible for state fair)**

**Exhibitors MUST bring his/her own bicycle** and may wish to bring a chain and lock. Bicycles may not be ridden on the Fairgrounds, except when performing in the classes. **Bicycle riders must bring and wear safety helmets during the riding exercises.** Each exhibitor will be given a written or oral test on proper maintenance, adjustment, operation, bicycle parts, and safety rules regarding bicycles; inspection of exhibitor's bicycle, including brakes, height, safety equipment, etc.; and riding "test" through a safety course, observing all rules and regulations.

----------------- **Bicycle Level 1:** Exhibitors will draw **three** situations from a bag that relate to activities from Level 1 and **discuss/explain all three** with the judge. Situations may include: Selecting bicycle safety equipment; Demonstrate how to fit a helmet; Identify bike parts and their function; Selecting the right size bike; How to check bicycle tires, brakes and chains; Recognizing traffic signs and their meaning; General discussion of bicycling hazards; and Items to consider when planning a bike trip.

----------------- **Bicycle Level 2:** Exhibitors will draw **three** situations from a bag that relate to activities from Level 2 and **discuss/explain all three** with the judge. Situations may include: Factors to consider when choosing a bike; Comparing tire pressure, valve type and tread; Steps in fixing a flat tire; Steps to follow when cleaning, lubricating and replacing a bike chain; Evaluating the braking system on a bicycle; Factors to consider when mapping out a bike route; Rules for smart bike riding; and Planning a menu for an all-day bike ride.

----------------- **Ready4Life Challenge:** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400 --------- **Maker Class:** See page 35 for the full list of requirements for Maker Projects.

# 4-H Cats

## Exhibitor limited to one entry per project area.

50135 --------- **Cat Animal Science:** Prepare a display focusing on any activity related to the cat project. Demonstrate the skills and knowledge you have gained through the animal project you studied. 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.

50137---------- **Animal Science Cat Ready4Life Challenge: *Open to 11- to 18-year-olds enrolled in any Cat 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.

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39

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# 4-H CHILD DEVELOPMENT

### Exhibitor limited to one entry per project area.

50141---------- **Child Development:** Prepare a display that demonstrates the skills and knowledge you have gained studying child development. Topics might include, but are not limited to, selecting age appropriate toys and activities, explaining child behavior, or recognizing child safety concerns. 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.

50142---------- **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400---------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

# 4-H CIVIC ENGAGEMENT

### Exhibitor limited to one entry.

Please choose a display size which is most appropriate for the exhibit you are bringing. Larger does not always mean better; use good judgment in creating your exhibit.  Exhibits are limited to 2'6' wide and 15" deep.

50145---------- **Civic Engagement 1:** 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 you handle these feelings; 3) your family, their responsibilities, how you work together; OR 4) the Family Pedigree that may include family group pages.

50146---------- **Civic Engagement 2:** Exhibit a display illustrating one of the following options: 1) your neighborhood; 2) how you were a good neighbor or lead a service project for your community; or 3) a Citizenship Challenge that you helped organize and lead (see the project book for details).

50147---------- **Civic Engagement 3:** 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.

50149---------- **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400---------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

---------------- **Service Learning 1 – *Not eligible for State Fair*** – 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.

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40

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----------------- **Service Learning 2 – \*Not eligible for State Fair\*** - 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 – Individual \*Not eligible for State Fair\*** - 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.

# <u>4-H CLOTHING & TEXTILES</u>

### **Exhibitor limited to one entry per project area.**

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 during judging. 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.

**Exhibit tags should be attached to the GARMENT, not to the hanger.**

## <u>CLOTHING: STEAM</u>

----------------- **STEAM Clothing 1 – FUNdamentals:** Exhibit one of the following in either the Non-Sewn, Sewn Non-Clothing, or Sewn Clothing exhibit divisions:

**<u>Non-Sewn Exhibits</u> (<u>Exhibit one of the following</u>):**

- 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

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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 buttonholes
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 buttonholes
Simple Dress – no zipper or buttonholes
Other – other wearable item using skills learned in project manual (apron, vest, etc.)

---------------- **STEAM Clothing 2 – Simply Sewing:** Exhibit **one** of the following in either the Non-Sewn, Sewn Non-Clothing, or 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.

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42

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**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 Stitch Further:** Exhibit **one** of the following in either the Non-Sewn, Sewn Non-Clothing, or 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.

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**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 buttonholes, suites evening gown or sport outfit.

# CLOTHING—SHOPPING

Exhibit **one** of the following options that align with the Shopping in Style project level of enrollment. If a garment is part of the 4-H exhibit, exhibitors should NOT wear garment when they arrive for judging, however they will be asked to try the item on so judges can evaluate for fit. 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 is Shopping should build on previous year's learning experience. All of the exhibit options are explored in the Shopping in Style Project manual.

50154---------- **Shopping in Style – Beginning -** 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.

50155---------- **Shopping in Style – Intermediate -** Choose one of the following activities from Unit 3 or Unit 4 of the project book.

- 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

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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.

50156---------- **Shopping in Style – Advanced -** 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 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.

50157---------- **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400---------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

# 4-H COLLEGE & CAREER READINESS

## Exhibitor limited to one entry

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50365---------- **Build Your Future:** 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$.

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45

**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.

50366----------------**Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge

50400---------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

# 4-H COMMUNICATIONS

## Exhibitor limited to one entry

50368——--—–-**Communications 1:**  Use of page protectors is recommended.  For 1st year enrolled in project - Exhibit a binder portfolio showcasing at least three activities from the project manual. Show basic 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.

50368---------- **Communications 2:**  Use of page protectors is recommended.  For 1st year enrolled in project - Exhibit a binder portfolio showcasing at least three activities from the project manual.  Show basic 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.

50368---------- **Communications 3:**  Use of page protectors is recommended.  For 1st year enrolled in project - Exhibit a binder portfolio showcasing at least three activities from the project manual.  Show basic 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.

50367---------- **Creative Writing**

To provide the best learning experience, it is suggested that counties receive submissions in this class prior to the exhibition date to allow a judge adequate time to read the submissions and provide meaningful review.

Each member may submit only one entry per class. Each entry is to be typewritten on 8 ½ 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.

- **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.

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46

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50369---------- **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 in 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. If the activities include making an audio or videotape, State Fair will provide a way for the judge to view or listen to it.

50370---------- **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400---------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

# 4-H COMMUNICATIONS: PUBLIC PRESENTATIONS

**Exhibitor limited to one entry.**

Enrollment in the Public Presentations project is required to participate in this section. No live animals are allowed in speeches. Counties may advance a total of 3 entries from any category to the state contest. A 4-H member may advance in one individual category and one team category.

--------------- **Formal Speech | Self-written | Notes Allowed | No props | Individual | 4-6 minutes**

Formal Speeches share the presenter's own unique view and are intended to motivate, persuade, or inform an audience and may include a call to action. Youth deliver a speech on any topic they wish.

--------------- **Illustrated Speech | Self-written | Notes Allowed | Illustrations Required | Individual | 4-6 minutes**

Illustrated Speeches may be used to inform, persuade, or motivate the audience while using a visual aid. Visual aids may be two dimensional, three-dimensional, or digital. Youth may include audience participation. Digital visual aids must be stored on a USB flash drive. Illustrated speeches may be:

How-to demonstrations which show the audience how to do something.

Object lessons which use objects as metaphors to share a message.

Educational models where drawings or diagrams help explain a topic.

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47

--------------- **Original Works | Self-written | Notes Allowed | Props and Costumes Allowed | Individual or 2-Person Team | Manuscripts sent in Advance | 4-6 minutes**

Original works must be written entirely by the presenter. It may be presented as an individual or a two-person team entry. Manuscripts must be sent in advance to the contest. Presentations may be designed for TV, radio, or online media and must be presented live. The types of entries could include:

- Prose and Short Stories
- Poetry
- Broadcast Media Program
- Theatrical
- Combined Program: Combine any number of the above elements along with other creative presentation forms

--------------- **Oral Interpretation | Published Work | Props and Costumes Allowed | Individual or 2-Person Team | Manuscripts sent in Advance | 4-6 minutes**

Presentations in Oral Interpretation must be published works, and manuscripts or transcripts must be submitted prior to the event. They may be presented as an individual or a two-person team entry. The types of entries could include:

- Prose and Short Stories
- Poetry
- Theatrical Interpretation
- Published Speech Recitation: Excerpt from a spoken presentation delivered by a public figure, such as Winston Churchill, Dr. Martin Luther King, Jr., or Maya Angelo
- Combined Program: Combine any number of the above elements along with other creative presentation forms

# 4-H COMPUTER SCIENCE

### Exhibitor limited to one entry.

**Exhibitors may bring computer equipment for demonstration purposes. Computers will not be furnished. The Extension staff are not responsible for the safety or security of any computer equipment. 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.

--------------- **Beginning Visual Programming:  *NOT ELIGIBLE FOR STATE FAIR* (Open to youth in 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.

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48

50159---------- **Intermediate Visual Programming: (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.

50160---------- **Advance Visual Programming: (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.

50161---------- **Website Design: (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.

50162---------------**Computer Open Source/Innovation CS: (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 programing 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.

50164 --------- **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400---------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

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# 4-H CONSUMER EDUCATION

### Exhibitor limited to one entry.

**ALL items in the display (including the project book) must be attached to display boards – NO additional items should be included.**

There is no maximum size limit for exhibits.  Please choose a display size which is most appropriate for the exhibit you are bringing. Larger does not always mean better; use good judgment in creating your exhibit.

---------------- **Entrepreneurship: Be the E! (not eligible for state fair)** Exhibit a binder portfolio or display that includes the results of at least two completed activities from each year exhibitor has been enrolled in the project. Completed activities from previous years should be included.

50168---------- **My Financial Future 1 – Beginner:** 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.

- **First Year** – Complete a minimum of Activities 1-6 from the My Financial Future – 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.

50169 --------- **My Financial Future 2 – Advanced:** 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.

50167---------- **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400---------- **Maker** See page 35 for the full list of requirements for Maker Projects.

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50

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# 4-H CROPS

## Exhibitor limited to one entry per crop group.

**All Crops exhibited must have been grown and cared for by the exhibitor as part of their current 4-H Crops project.**

REMINDER - Include the member's crop records with the exhibit, such as the 4-H Crop record found online @ https://4h.extension.illinois.edu/members/projects/crops, a FFA crops record or similar information. **Crop records should be brought for judging and then taken home with the youth. Do not leave with display.**

50170---------- **Soybeans** - Exhibit five fresh plants (include root system that is washed) that are representative of member's 4-H project field.  Include the 4-H Crop Record. **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.

50171---------- **Corn** - Exhibit two fresh plants of field corn (include root system that is washed), that is representative of member's 4-H project field.  Include the 4-H Crop Record.  **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.

50172---------- **Small Grains** - 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.  Include the 4-H Crop Record. **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.

50173---------------**Crops Innovation Class:** (**Open to youth 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.

50175---------- **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400---------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

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51

# 4-H Drones: Unmanned Aerial Vehicles/ Systems

## Each county may submit 2 entries from each class

Choose one of the following classes based on your interest and skill level. Each Exhibitor must complete all three sections of Quads Away Curriculum and display (or upload) a completed Mission Logbook.

50375-----------**UAV Display:** 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 beentered in this class (see Aerospace Display).

50376-----------**UAV Unmanned Aerial Systems:** 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". A detailed build log with pictures, as well as a Mission Logbook must be included. 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. Attach the printed directions/instructions of the UAV if any were used.

# 4-H ELECTRICITY

## Exhibitor limited to one entry.

There is no maximum size limit for exhibits.  Please choose a display size which is most appropriate for the exhibit you are bringing. Larger does not always mean better; use good judgment in creating your exhibit.  **All paperwork should be displayed in a sheet protector.**

50177---------- **Electricity 1:** *(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 Junk Drawer Robotics 1 or 2.

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52

50178---------- **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 Junk Drawer Robotics 1 or 2.

50179---------- **Electricity 3:** 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: (Not eligible for State Fair) -** 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. All projects must include a report explaining how the project was constructed and the principles demonstrated.

50181---------- **Ready4Life Challenge** **Open to 11- to 18-year-olds enrolled in any Electricity project.**

## Entomology
50400---------- **Maker**

# 4-H ENTOMOLOGY

## Exhibitor limited to one entry.

Size and number of exhibit cases should relate 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. **All paperwork should be displayed in a sheet protector.**

50183---------- **Entomology 1:** 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.

50184---------- **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

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53

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.

50185 --------- **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, 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.

50186 ---------- **Entomology Display, Other** – Exhibit any activity or display from the Entomology project books that does not fit into Entomology 1, 2 or 3 above.  See page 35 for the full definition of what could be included in a display.

50187 ---------- **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400 ---------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

## ENTOMOLOGY BEEKEEPING

Create an exhibit that shows the public what you learned in the beekeeping project this year. **Note**: No beehives may be exhibited. (Honey moisture 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 plastic box). *Honey exhibited (including chunk, cut comb, and sections) must be collected since the previous year's fair.*

50188 ---------- **Beekeeping 1:**  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 Beehive.
- Safe Handling of Bees.
- Equipment needed by a Beekeeper.

50189 ---------- **Beekeeping 2:**  Exhibit one (1) of the following:

- Extracted Honey: Three (3) 1# jars, (glass, screw-top) 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 ").
- Section honey:  three (3) sections of comb honey (in basswood boxes or Ross rounds.)
- Working with Honeybees. Present a topic from your manual to teach fairgoers about working with honeybees. Use your knowledge and creativity to display this information on a poster or in a notebook.

50190 ---------- **Beekeeping 3:**  Exhibit three (3) of the five (5) kinds of honey listed below (#1-5) or prepare an educational display about honeybees or beekeeping.

- Extracted Honey: Three (3) 1# jars (glass, screw-top), holding 1# of honey each
- Chunk Honey (comb in a jar): Three (3) 1# jars (wide-mouth glass)
- Cut-comb Honey: Three (3) 1# boxes (boxes are usually 4 ½" x 4 ½" in size).
- 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)
- Section honey: three (3) sections of comb (in basswood boxes or Ross rounds.) **OR**
- Prepare an educational display about honeybees or beekeeping.

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54

50191---------- **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400---------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

# 4-H ESports

### Exhibitor limited to one entry.

50430---------- **eSports:** Compete in at least 1 ranked tournament online or in person (either as a team or solo), and fully document your progress throughout. Any game with a documentable bracket system, at least 3 rounds and a prize count. Be sure to include a description of the tournament, your match information, your win-loss record, and description of the game and platform being used to play the game (Ram requirements/capabilities of your machine, video card specs., etc.). Prepare a PowerPoint presentation describing your journey through eSports (including your 1 mandatory tournament), what you have learned about gaming/eSports, and why you think more youth should be involved. Also include a detailed description of your most important win, explaining your strategy in that victory. Be sure to include screenshots and video, if possible. Load your presentation to a USB drive, and be sure to add narration if uploading for virtual exhibition.

# 4-H EXPLORATORY

### Exhibitor limited to one entry.

-----------------**Exploratory (Welcome to 4-H) (Not eligible for State Fair):** 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

 ----------------**Collectibles (not eligible for State Fair):** Bring your completed project book and your collection or examples of your collection (if it's too large to bring) with pictures of total collection, OR an exhibit or poster illustrating one feature of the project.

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55

# 4-H FAMILY HERITAGE

## Exhibitor limited to one entry.

50197----------  **Family Heritage**:  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.

50199----------  **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400---------  **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

# 4-H FLORICULTURE

(Arrangements may be moved to the 4-H Center after judging is complete.)

**Bring your flower arrangement already completed. You will be conference judged on the completed arrangement.**

50192----------  **Floriculture A –** Exhibit one of the following options:

- 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.)

50193----------  **Floriculture B –** Exhibit one of the following options:

- Display a mixed planter that may include herbs with foliage plants and/or flowering plants. The planter should include three or more kinds of plants. The container exhibit space must not exceed 18"x18".

- Create an artistic display of dried flowers and/or herbs 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.

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56

50194---------- **Floriculture C** – Exhibit one of the following options:

- Create a terrarium. Selected 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 plants, soil and environmental needs and watering requirement 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 in the University of Illinois Extension Gardener's Corner (go.illinois.edu/gardenerscorner).

50195---------- **Floriculture D** – Create an exhibit of forced bulbs in a pot.

50196---------- **Floriculture Display: (Open to youth enrolled in Floriculture A, B, C, and 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.  See page 35 for the full definition of what could be included in a display.

50198---------- **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400---------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

# 4-H FOODS & NUTRITION

**Exhibitor limited to one entry per project area.**

**ALL food entries must be displayed on a disposable plate and placed in a zip-sealing plastic bag.  All entries must include recipe and menu.  Recipes and menus may be handwritten or typed on note cards or a piece of paper.  Shared cakes, breads, etc. will be disqualified at the judges' discretion, and no premium will be paid to either exhibitor.**

## Exhibitors may only exhibit ONE CHOICE per Project.

50200**----------4-H Cooking 101** – **Using the recipes included in the project manual:**

- Prepare an exhibit of 3 cereal marshmallow bars **OR**
- 1/4 of 8" square or round coffeecake **OR**
- 3 cookies

**Note** - No icing should be on any products**.** If you make changes to the recipe, bring a copy of the recipe with your changes. 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 the answers to questions 1-7 to remain on display with

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57

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your project. The words on the plates must be legible and clearly visible in the picture. Pictures, graphics or photos are acceptable.

50201 ---------- **4-H Cooking 201** - **Using the recipes included in the project manual**:

- ▪ Prepare an exhibit of 3 cheese muffins **OR**
- ▪ 3 scones **OR**
- ▪ 1/2 loaf (9" x 5") of basic nut bread

**Note** -. If you make changes to the recipe, bring a copy of the recipe with your changes. 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 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 the meal you prepared. You do not need to complete the Challenge Yourself section on page 91.

50202 ---------- **4-H Cooking 301** – **Using the recipes included in the project manual:**

- ▪ Prepare an exhibit of 3 dinner rolls **OR**
- ▪ loaf of yeast bread **OR**
- ▪ 1 tea ring **OR**
- ▪ 3 sweet rolls **OR**
- ▪ one layer of a Rich White Cake or Rich Chocolate Cake, top side up (***without frosting***)

**Note -** 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. If you make changes to the recipe, bring a copy of the recipe with your changes. 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.

50203 ---------- **4-H Cooking 401** – **Using the recipes included in the project manual:**

- ▪ Prepare an exhibit of 1/4 of a 15" x 10" loaf of focaccia bread (do not include dipping oil) **OR**
- ▪ One baked pie shell – traditional, oil, or whole wheat (no graham cracker) **OR**
- ▪ ¼ golden sponge cake, top side up, **without frosting OR**
- ▪ 1/2 loaf French Bread

**Note** -. If you make changes to the recipe, bring a copy of the recipe with your changes. Display exhibit on a 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 made this recipe again, what would you do differently? 2.) What did you learn that can help you in other ways besides preparing food?

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58

50204 --------- **Food Science 1**: 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.

50204 ---------- **Food Science 2**: 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.

50204 ---------- **Food Science 3**: 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.

50204 ---------- **Food Science 4:** prepare a display, digital presentation, or poster on one of the food sciences 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.

50206 --------- **Sports Nutrition:** 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.

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59

**Examples for Activity 1**

*Example A:* Make a video of yourself practicing flexibility, strength and endurance physical fitness activities and making pasta salad with different vegetable, pasta and dressing ideas. Bring a screen shot and brief description of your video to leave on display.

*Example B:* Make a poster of pictures of flexibility, strength and endurance physical fitness activities and information on the results of making the spinach and mandarin orange salad. Include answers to the questions in the book.

50208---------- **Food Preservation:** 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:**

o Strawberry jam, boiling water bath. July 13, 2021.
o Green beans, pressure canner. July 13, 2021
o Beef jerky, food dehydrator and oven. July 13, 2021.

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60

**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.

50210---------- **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50211---------- **Foods Innovation Class—Open to youth 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, demonstrations, digital presentations, 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. If you bring a food product, the food will NOT be tasted.

50400---------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

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61

# 4-H FORESTRY

## Exhibitor limited to one entry.

There is no maximum size limit for exhibits.  Please choose a display size which is most appropriate for the exhibit you are bringing. Larger does not always mean better; use good judgment in creating your exhibit.  **All paperwork should be displayed in a sheet protector.**

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.

50212---------- **Forests of Fun 1:** Exhibit any product or display illustrating an activity from the book.  See page 35 for the full definition of what could be included in a display.

50213---------- **Forests of Fun 2:** Exhibit any product or display illustrating an activity from the book.  See page 35 for the full definition of what could be included in a display.

50214---------- **Forests of Fun 3:** Exhibit any product or display illustrating an activity from the book.  See page 35 for the full definition of what could be included in a display.

50216---------- **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400---------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

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62

# 4-H GEOLOGY

**Exhibitor limited to one entry.**

**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 paperwork should be displayed in a sheet protector.**

All levels of Geology use the same manual, *Geology—Introduction to the Study of the Earth.*

50218---------- **Pebble Pups 1**- Display 8 to 19 rocks and mineral specimens with three minerals in the collections. Collection may include duplications that show variations. Label collection and note where found.

50219---------- **Pebble Pups 2** - Display at least 20, but no more than 29, rocks and mineral specimens with seven minerals in the collections. Collection may include duplications that show variations. Label collection and note where found.

50220---------- **Rock Hounds 1**- 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.

50221---------- **Rock Hounds 2** – 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.

50222---------- **Geology Innovation Class: (Open to youth who are 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.

50224---------- **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400---------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

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# 4-H HEALTH

## Exhibitor limited to one entry.

There is no maximum size limit for exhibits.  Please choose a display size which is most appropriate for the exhibit you are bringing. Larger does not always mean better; use good judgment in creating your exhibit.

50226---------- **Health 1:**   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 item is used for.

50227---------- **Health 2:**  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.

50228---------- **Health 3:** 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.

---------------- **Health - Your Thoughts Matter—Navigating Mental Health (not eligible for state fair)** Prepare an exhibit that demonstrates the knowledge and understanding gained through completion of the Your Thoughts Matter Member Project Guide. Exhibit the following 1) a poster or display that highlights activities and knowledge gained as you completed any two of activities 1 – 9 included in the curriculum; AND 2) the item you created in Activity 10 - the flyer, website, video, or other promotional tool that points individuals to the resources you found. To exhibit in this project area, 4-H Members must have been involved in a 4-H Your Thoughts Matter SPIN Club experience.

50229---------- **Health Innovation Class: (Open to youth who are 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.

50231---------- **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400---------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

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64

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# 4-H HORTICULTURE (Vegetable Gardening A-D)

### Exhibitor limited to one entry per class.

### Vegetable List

1. All produce entries must carry the age of the exhibitor as of September 1, 2020.

2. Exhibitors will be divided into classes by age according to the total number of entries.

3. All vegetables exhibited must have been grown by the exhibitor as part of their current gardening 4-H project.

4. Exhibitors should be knowledgeable about various aspects of vegetables, including but not limited to different varieties, soil testing, fertilizers used, etc.

5. Vegetable exhibits should be prepared according to the following link: *http://web.extension.illinois.edu/vegguide/*

6. Any plant infested with insects will be removed from the exhibit area and will not be eligible for champion awards.

7. No plates will be provided.  Entry tags must be tied on through holes in plates.

8. Waxes and oils may _not_ be used on vegetables or fruits.

50314---------- **Vegetable Display– 1 Entry**

1. This class is allowed a 2'6" x 2'6" space for display.
2. Display must include 6 or more different kinds of 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.
3. The number and type of vegetables used must conform to the Vegetable Plate/Basket List.
4. 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.).

50315---------- **Vegetable Plate** - 1 entry

1. Exhibit must include 2 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 vegetable. (i.e.: Cannot exhibit red and white potatoes or zucchini and straightneck summer squash.)

50316--------- **Vegetable Gardening Display:** Present an exhibit of the member's choice that focuses on some aspect of vegetable gardening which does not fit in the categories above.  See page 35 for the full definition of what could be included in a display.

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65

50313---------- **Herb Display (Open to youth in Vegetable Gardening A, Vegetable Gardening B, Vegetable Gardening C, and Vegetable Gardening D) Herbs** should be grown in pots (8" maximum diameter). Categories: Mint, Oregano, Rosemary, Sage, Thyme, and all other herbs. Herbs should be labeled with common and Latin names. Herbs should be in your care for a minimum of three months for state fair exhibits. Remove dead leaves from plants and check that the soil is clear of debris such as dead leaves.  In addition to class Champions, Herb Category Grand and Reserve Grand Champions may be selected. When exhibiting herb plants, be sure to grow the plants in the container to be displayed to avoid transplant shock. Exhibits will be evaluated based on cleanliness, uniformity, condition, quality, and trueness to variety. Additional herb resources are located on the project resources section of the Illinois 4-H website.

**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)
Beans, Lima (12 pods)
Beans, Snap, Green Pod or Golden Wax (12 pods)
Beets (5)
Broccoli (1 head)
Brussel Sprouts (12 sprouts)
Cabbage (1 head)
Cauliflower (1 head)
Carrots (5)
Cucumber, pickling or slicing (5)
Eggplant (1)
Garlic (5)
Greens (collard, endive, escarole, kale, mustard, spinach, Swiss chard) (1 plant)
Horseradish (1 marketable root harvested this year)
Kohlrabi (5)

Onions, large, dry (5)
Onions, green or set (12)
Parsnips (5)
Peas (12 pods)
Peppers, large fruited (bell/banana) (5)
Peppers, small fruited (chili/cherry) (12)
Popcorn (5)
Potatoes (any variety), (5)
Pumpkin (1)
Rhubarb, trimmed stalks (3)
Rutabaga (5)
Salsify (5)
Squash, summer (any variety) (3)
Squash, winter (Acorn, butternut, buttercup, Spaghetti, Hubbard, Turk's Turban) (1)
Sweet Corn, in husks (5)
Tomatoes, slicing (5)
Tomatoes, small fruited (12)

50318---------- **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400---------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

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66

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# INTERCULTURAL (Passport to the World)

## Exhibitor limited to one entry.

Due to space restrictions, exhibits are limited to 2' 6" wide and 15" deep.

50233---------------**Passport to the World, Individual**: 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. See page 35 for the full definition of what could be included in a display.

50234---------------**Diversity & Cultural Awareness:** 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.

50235---------- **Passport to the World, Club, Includes *Passport to the World, Diversity & Cultural Awareness,* and *Latino Cultural Arts* Projects:** 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 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.

50236---------- **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400---------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

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# 4-H INTERIOR DESIGN

## Exhibitor limited to one entry.

50242---------- **Design Decisions, Beginning** – 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.

50243---------- **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.

50244 --------- **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.

50245---------- **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.

50247---------- **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400---------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

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68

# 4-H LEADERSHIP

**Exhibitor limited to one entry.**

There is no maximum size limit for exhibits.  Please choose a display size which is most appropriate for the exhibit you are bringing. Larger does not always mean better; use good judgment in creating your exhibit.

50249---------- **Leadership 1** – 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. 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.

50250_————-**Leadership 2**– 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. 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.

50251---------- **Leadership 3** – 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.  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 the 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 the 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 the exhibitor's choice from the manual.

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50252---------- **Leadership Innovation Class: (Open to youth who are enrolled in Leadership 1, 2, 3.)** 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.

50254 --------- **Leadership Group: (Open to clubs and groups whose members are enrolled in What's Leadership?)** Exhibit a display illustrating how your group has used the 4-H 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. Due to space limitations, exhibits are limited to 2'6" wide and 15" deep.

50255---------- **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400--------------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

# 4-H NATURAL RESOURCES

**Exhibitor limited to one entry.**

Electricity and water are NOT available for these displays. **No live animals or reptiles are permitted in these exhibits. All paperwork should be displayed in a sheet protector.**

50256---------- **Natural Resources 1:** Exhibit any item or display developed from the project book, *Step into Nature.*

50257---------- **Natural Resources 2:** Exhibit any item or display developed from the project book, *Explore the Natural World*.

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70

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50258 ---------- **Natural Resources 3:** Exhibit any item or display developed from the project book, *Blaze the Trail.*

50259 ---------- **Outdoor Adventures 1-3:** Exhibit a display illustrating an activity completed from the project manual.

50260 ---------- **Sportsfishing 1:** Exhibit a product or display made to complete an activity 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.**

50261 ---------- **Sportsfishing 2:** Exhibit a product or display made to complete an activity in the *Reel in the Fun* project manual. This could include, but is not limited to, displays 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.**

50262 ---------- **Sportsfishing 3:** Exhibit a product or display made to complete an activity in the *Cast into the Future* project manual. This could include, but is not limited to, displays on making artificial flies and lures; researching effects of water temperature; Sportsfishing careers; or identifying insects that fish eat. **For safety reasons, lures must be placed in a plastic case.**

50266 -------- **Wildlife 1:** Exhibit any activity developed from the project manual. (Ex. Identify different wildlife habitats.) Within the exhibit, explain the importance of knowing the information shared.

50263 ---------- **Wildlife 2:** Exhibit any activity developed from the project manual. (Ex. Create a display of the life history of an animal.) Within the exhibit, explain the importance of and concept behind the exhibit.

50265 ---------- **Wildlife 3:** Exhibit any activity developed from the project manual. Be able to explain the importance of and concept behind the exhibit.

50291 ---------- **Fishing & Wildlife Ready4Life Challenge Open to 11-18-year old enrolled in any Fishing or Wildlife project.** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400 ---------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

---------------- **Exploring Your Environment 1 (*Ecosystem Services*) (not eligible for State Fair) -** 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.

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71

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----------------- **Exploring Your Environment 2 (*Earths Capacity*) (*not eligible for State Fair*) -** 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.

## 4-H OUTDOOR ADVENTRUES: See Natural resources on PG 70

**Exhibitor limited to one entry.**

## 4-H PHOTOGRAPHY

**Exhibitor limited to one entry.**

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: *https://4h.extension.illinois.edu/members/projects/photography.* Photos may be taken with a camera, an electronic tablet (i.e. iPad), or a cell phone.

ALL photos must be accompanied by details of the camera settings that include:

- Camera/device used
- Aperture (F-stop)
- Exposure time (shutter speed)
- ISO (film/sensor sensitivity)
- Lighting used (flash, artificial, sunlight, other)
- Lens Filters (Ultra-Violet, Polarizing, etc) if used.

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.

**Additional details required for Photo Editing ONLY:**

- Photo editing software/application used (required for ALL edits and retouches except for cropping)
- Filters used (lens filters and or digital/software filters)

The exhibition size requirements for all photographs will be:

Minimum image size: 5X7

Maximum image size: 8X10

Maximum exhibit size (including frame): 18X20

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72

All exhibitors must include unframed (taped to the back of the framed exhibit or attached to the project booklet) **original or 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 for award.

**In addition to the project/class for which the 4-H'er is enrolled, the exhibitor may also enter one entry in the photo editing class.**

50268 ---------- **Photography 1:** 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

50269 ---------- **Photography 2:** Exhibit one of the two options listed below:

- Exhibit one framed 8" x 10" close-up photograph using the skills learned on page 62-63 (section: Bits and Pieces) of the project manual titled *Controlling the Image.* No photo editing is allowed in this class except cropping and red eye removal, **OR**
- Exhibit one framed 8" x 10" 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.

50270 ---------- **Photography 3:** Exhibit one of the two 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.

50271 ---------- **Photo Editing** - **(Open to members in Photography 1, 2 or 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 for an award.

50272 ---------- **Photography Innovation Class:** (**Open to youth who are 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.

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73

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.

50274---------- **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400---------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

# 4-H PLANTS & SOILS

### Exhibitor limited to one entry.

### *Not Eligible for State Fair*

There is no maximum size limit for exhibits.  Please choose a display size which is most appropriate for the exhibit you are bringing. Larger does not always mean better; use good judgment in creating your exhibit.  **All paperwork should be displayed in a sheet protector.**

---------------- **Plants & Soils: *(not eligible for state fair)** 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 and the function and characteristics of soil. Include your project journal that documents activity recordkeeping requirements, answers activity questions, and details personal thoughts and ideas.

---------------- **Plants & Soils 2:**  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 recordkeeping, answers activity questions, and details personal thoughts and ideas.

---------------- **Plants & Soils 3: (not eligible for state fair)** Prepare a display or poster that illustrates an activity from the project manual. The display should demonstrate an understanding of the relationship between soil and other cycles found in nature. Displays should also provide an example of a leadership or service-learning experience focused on environmental stewardship. Include your project journal that documents activity recordkeeping requirements, answers activity questions, and details personal thoughts and ideas.

---------------- **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400---------- **Maker** See page 35 for the full list of requirements for the Maker Project.

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74

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# 4-H ROBOTICS

### Exhibitor limited to one entry per class.

**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.

- Exhibits in classes Robotics 1 beginning, 50285, and 50286 are designed to be used with LEGO Mindstorms (NXT or EV3).
- Any other programmable robot kit such as Arduino or Raspberry Pi, should be exhibited in Robotics Innovation/Open Source Class (50292).

----------------**Robotics 1: Beginning: (Not eligible for State Fair)** Exhibitors should complete Activities 1-6 in the Robotics 1 with EV3 project book. 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 project book, their program code (on laptop or on paper), and a single page write up to share what they learned about the engineering design process and programming.

50285----------**Robotics 1: Intermediate:** Exhibitors should complete Activities 7-12 in the Robotics 1 with EV3 project book. 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 project book, their program code (on laptop or on paper), and a short journal sharing what they learned about the engineering design process and programming throughout their work in the project and specifically while preparing the exhibit.

50286----------**Robotics 2:** Exhibitors should complete Activities 1-7 in the Robotics 2 EV3N More project book. Exhibitors will design, build and program a robot that uses sensors and programming to complete one of the challenges provided after registration. They will bring their project book, their program code (on laptop or on paper), and a short journal sharing changes they made to the robot and/or program along the way, and to describe their experience with completing the challenge.

50292---------- **Robotics Innovation Class: Open to youth enrolled in Robotics 3 but may also include youth in Robotics 1 or 2 if the exhibits meet 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.

----------------**Junk Drawer 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

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75

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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.

----------------**Junk Drawer Robotics 1:  (not eligible for State Fair)** 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.

50288 --------- **Junk Drawer Robotics 2:** 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.

50289 --------- **Junk Drawer Robotics 3:** 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.

50293---------- **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400---------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

# 4-H SHOOTING SPORTS

## Exhibitor limited to one entry.

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 general 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.)

50401---------- **Shooting Sports: Archery**
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.

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76

50402---------- **Shooting Sports: Rifle**
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.

50403---------- **Shooting Sports: Shotgun**
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.

50404---------- **Shooting Sports: Hunting & Outdoor Skills**
Exhibit a poster or stand-alone display related to something you learned in the Hunting & Outdoor Skills project.

50405---------- **Shooting Sports: Pistol**
Exhibit a poster or stand-alone display depicting safe firearm handling, range safety, the parts of the pistol, tracking the target, target sighting, or another topic you have learned through the 4-H Shooting Sports program.

50385---------- **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400---------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

# 4-H SMALL ENGINES

**Exhibitor limited to one entry.**

**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.  All paperwork should be displayed in a sheet protector.**

50294------------------**Small Engines 1-3:** 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

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77

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50297---------- **Ready4Life Challenge** <u>See page 35 for the full list of requirements Ready4Life Challenge Projects.</u>

50400---------- **Maker** <u>See page 35 for the full list of requirements for the Maker Project.</u>

# <u>SMALL PETS:</u>  see Animal Science page 38

# <u>SPORT FISHING:</u> see Natural Resources page 70

# <u>4-H TECHNOLOGIES</u>

### **Exhibitor limited to one entry.**

<u>**3-D Printing & Design:**</u> Choose **one** of the following classes based on your interest and skill level.

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 Beginner: (not eligible for State Fair)** 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.

----------------- **3-D Design Advanced: (not eligible for State Fair)** 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.

----------------- **3-D Printing Beginner: (not eligible for State Fair)** 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 it may not be based on already existing 3-D models. It must be 3-D printed using ONLY A COMMERCIALLY 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 flash drive to be viewed for judging. Exhibits in this class may not have multiple parts, doors, hinges or any sort of mechanics.

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----------------- **3-D Printing Advanced: (not eligible for State Fair)** 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 it 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 COMMERCIALLY 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 flash drive to be viewed for judging.

----------------- **Ready4Life Challenge:  *NOT ELIGIBLE FOR STATE FAIR*** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400---------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

# 4-H THEATRE ARTS

## Exhibitor limited to one entry.

There is no maximum size limit for exhibits.  Please choose a display size which is most appropriate for the exhibit you are bringing. Larger does not always mean better; use good judgment in creating your exhibit.

50299  --------- **Theatre Arts 1:**  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.); **OR**
- Display illustrating a drawing/photograph of a clown character created by the exhibitor, **OR**
- Display illustrating a picture story developed by the exhibitor.

50301---------- **Theatre Arts 3:**  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.

50302----------**Theatre Arts Innovation Class: (Open to youth who are 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

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79

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.

50304---------- **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400---------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and t

# 4-H TRACTOR

### Exhibitor limited to one entry.

There is no maximum size limit for exhibits. Please choose a display size which is most appropriate for the exhibit you are bringing. Larger does not always mean better; use good judgment in creating your exhibit. **All paperwork should be displayed in a sheet protector.**

50306---------- **Tractor A: Starting Up –** 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.

50307---------- **Tractor B: Tractor Operation –** 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.

50308---------- **Tractor C: Moving Out –** 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.

50309---------- **Tractor D: Learning More –** 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.

50310---------- **Tractor Innovation Class:** (**Open to youth who are 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.

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80

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.

50312---------- **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400---------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

# VETERINARY SCIENCE: see Animal Science page 38

# 4-H VIDEO/FILMMAKING
## Exhibitor limited to one entry.

Enrollment in the Video project is required to exhibit in the classes in this section. Entries in 360° video may be enrolled in video/film or computer science projects.

**All Exhibitors must bring their video to be judged on a USB flash drive and saved in .MP4 format.** Exhibitors are encouraged to post their video on YouTube.com in advance of State Fair. Exhibitors may choose whether to make the video "public, unlisted" (someone must have the link to view it), or "private" (only people you choose may view it). This will allow fairgoers to view the exhibits on display. There will be monitors at the exhibit table for viewing videos so exhibitors will NOT need to bring a laptop or device for viewing.

**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.**

50324---------- **Commercial or Promotional Video:** Prepare a short video (30 seconds to 1 minute in length) that promotes an event, advertises a specific project/product, or is a public service announcement. The video should demonstrate skills in making and editing video.

50325---------- **Animated Video:** 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.

50326---------- **Documentary:** 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.

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81

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50327---------- **Short Story or Short Narrative:** Prepare a short video that tells a story. The video should demonstrate skills in making and editing video.

50328---------- **Video/Filmmaking Innovation Class: (Open to youth who are 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.

50330---------- **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400---------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

# 4-H VISUAL ARTS

**Exhibitor limited to one entry per class.**

**Exhibitor may enter up to 6 exhibits/original. Maximum 2 per category.**

**Coles County Extension will not assume liability for loss or damage which may occur to artwork exhibited. All possible precautions will be taken to protect the exhibits.**

Articles exhibited are to be **made by the exhibitor** who must be enrolled in the Visual Art project category in which they are exhibiting. Articles must have been made **during the current 4-H year**.
Exhibitors are encouraged to date the project when it is made.

**All project categories listed under the Visual Arts heading, please note:** All visual arts exhibits are evaluated using a visual arts rubric which takes into account correct use of design elements; craftsmanship; and creativity.

Articles exhibited must be an original design created by the exhibitor (except in heritage arts which may follow a pattern AND Fiber-Non-Original Ages 8-10 ONLY). Copyrighted or trademarked designs are not acceptable; this includes Team or School logos. Kits and preformed molds are not considered original and are not acceptable in any Visual Arts Class. 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. This also applies for ideas found on a site such as Pinterest. If you see something on Pinterest that you like, use the concept and create something different using the concept;

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82

however, it MUST NOT look exactly like something the judge can search for and find on Pinterest. The exhibit must combine parts of different patterns and/or ideas with the concepts of the member, changing the color or changing the size of the item or pattern used does NOT make it original. If you create a replica of what you see somewhere else, it is not your original design. 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.

Members wishing to exhibit quilts made from a pattern may enter it in Heritage Arts. Quilts exhibited in the Visual Arts – Heritage Arts area will be evaluated using a visual arts rubric which takes into account correct use of design elements; craftsmanship; and creativity. All work on the quilt MUST be completed by the 4-H member. You cannot exhibit a quilt that was quilted by someone else.

50332---------- **Visual Arts Food/Cake Decorating Beginning** - **Exhibit one of the following:**

- 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.

50333---------- **Visual Arts Food/Cake Decorating Intermediate—Exhibit one of the following:**

- 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 forms.

50334---------- **Visual Arts Food/Cake Decorating Advanced:** Exhibit a decorated, stacked or multi-layer cake; or a tiered cake, using a minimum of four Level 3 techniques. Exhibit may use cake OR cake forms.

50335---------- **Visual Arts Food/Cake Decorating Master:** 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.

**Visual Arts Chalk/Carbon/Pigment:** Enter division A or B based on the type of material the art was created.

50336**----------Division A: Canvas, Paper, Glass**:

Any original artwork done with pencils, chalk, pens, ink, paint, charcoal, dyes, etc. on canvas, paper, or glass. This would include all painting, sketching, drawing, cartooning, original non-computer-generated graphics, printing, etc. Painted and/or glazed pre-formed ceramics and painted porcelain dolls are not eligible for State Fair exhibit. Drawings and paintings should be matted or framed under glass. (Exceptions: Oil and acrylic paintings do not require glass and are not required to be matted.) Watercolor, 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. Matted pieces without frames are

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83

acceptable, however the piece must be prepared for hanging OR it must include a photo of the artwork being displayed in a non-hanging manner. There is no specific requirement for the type of mat used

**50352----------Division B: Wood, Metal, Textiles:**

Any original artwork 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 State Fair exhibit. Any exhibits created as a piece of wall art must be prepared for hanging.

**50337---------- Visual Arts 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 State Fair exhibit

**50338---------- Visual Arts Computer-Generated Art:** Any original art created in any software package. Exhibit may not include scanned work, clip art, 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 is not required. <u>NOTE:</u> 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 hand, it does not require protective covering nor does it need to be prepared to hang.

**50339---------- Visual Arts 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, string art, and baskets. Original cross-stitched, knitted, crocheted or quilted items belong in this Fiber class. Non-original cross-stitched, knitted, crocheted or quilted items should be entered in Heritage Arts. Machine knitted items are not appropriate for this class.

**50350---------- Visual Arts Fiber Non-Original AGES 8-10 ONLY:** Any non-original item made of fiber. Examples are fabric collage, soft sculpture, stitchery, weaving, embroidery, cross-stitch, crocheting, knitting, weaving, hooking, and felting. Exhibitors may use a pattern and/or an idea generated from another source.

**50340---------- Visual Arts 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 for entry. Stepping stones or wall hangings that include cement decorated with glass or plastic items are not suitable for this class.

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84

50341---------- **Visual Arts 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 (embroidery openwork), macramé, baskets, candles, pysanki (decorated eggs), leather, quilts, baskets  (made using a traditional pattern), traditional handmade dolls with handmade costumes, soaps made using nature dyes also can be made using hand-made molds or broken into chunks for display 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.

50321---------- **Visual Arts 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 and/or machine stitching techniques. Hand-sewing and/or machine stitching must be the work of the exhibitor.

50342---------- **Visual Arts Metal:** Any original item made of metal such as sculpture, tin punch, engraved metal, and 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.

50343---------- **Visual Arts 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. All baskets should be entered in Heritage Arts.

50344---------- **Visual Arts 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 should be exhibited in Visual Arts Scrapbooking.

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85

50345---------- **Visual Arts Scrapbooking, Beginning:** 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. "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. Beginners must use a minimum of four embellishments and tell a story with pictures.

50346---------- **Visual Arts Scrapbooking, Intermediate:** 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. "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. Intermediate level exhibitors must use a minimum of eight embellishments and tell a story with pictures and journaling.

50347---------- **Visual Arts Scrapbooking, Advanced:** 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. "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.  Advance level exhibitors must use a minimum of 12 embellishments and tell a compelling story with pictures, journaling, and other media.

50348---------- **Visual Arts 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 free-standing** 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.

50349---------- **Visual Arts Wood:** Any original item made of wood (wood carving, sculpture, collage, wood burning, etc.). Utilitarian wood items made from patterns or kits (e.g. outdoor or indoor furniture, shelves) should be entered in woodworking, not in visual arts. Popsicle stick crafts are not acceptable for State Fair 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.

50351---------- **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400---------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

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86

# 4-H WEATHER

## Exhibitor limited to one entry.

50392---------- **Weather and Climate Science I:**

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.

50393---------- **Weather and Climate Science 2:**

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.

50394---------- **Weather and Climate Science 3:**

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.

-----------------**Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400---------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

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87

# 4-H WELDING

## Exhibitor limited to one entry.

**For exhibiting at the State Fair:  Exhibits must be portable and cannot be exhibited    on a trailer.**
**All paperwork should be displayed in a sheet protector.**

50353---------- **Welding** – This exhibit class is open to members who are in the 7th grade and higher. Exhibit one Arc weldment/item demonstrating 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 (4-H 573 – 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.

50355---------- **Ready4Life Challenge** See page 35 for the full list of requirements Ready4Life Challenge Projects.

50400---------- **Maker** See page 35 for the full list of requirements for the Maker Project and exhibit date and time.

# OUTDOOR ADVENTURES: see Natural Resources page 70

# 4-H WOODWORKING

## Exhibitor limited to one entry.

There is no maximum size limit for exhibits.  Please choose a display size which is most appropriate for the exhibit.

50357---------- **Woodworking 1:**  Any item made of wood constructed or refinished by the member in this project. Pre-cut kits assembled by the member are not acceptable.  Exhibits must be portable and cannot be exhibited on a trailer.

50358--------- **Woodworking 2:**  Any item made of wood constructed or refinished by the member in this project. Pre-cut kits assembled by the member are not acceptable.  Exhibits must be portable and cannot be exhibited on a trailer.

---------------- **Woodworking 3:**  Any item made of wood constructed or refinished by the member in this project. Pre-cut kits assembled by the member are not acceptable.  Exhibits must be portable and cannot be exhibited on a trailer.

---------------- **Woodworking 4:**  Any item made of wood constructed or refinished by the member in this project. Pre-cut kits assembled by the member are not acceptable.  Exhibits must be portable and cannot be exhibited on a trailer.

---------------- **Ready4Life Challenge:**  See page 49 for the full list of requirements Ready4Life Challenge Projects.

---------------- **Maker Class:** See page 49 for the full list of requirements for Maker Projects.

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# *Notes*

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# Donations Received for Coles:

Larry Ashworth

Herbert Lasky

Winkler Farms

Charleston Service Center

Fred and Gretchen Decker

Charleston Lumber Company

First Neighbor Bank

Rod and Gail Helton

Nancy Coutant

Master Gardeners of Coles, Cumberland, Douglas, Moultrie, and Shelby Counties

Neimeyer Kubota Sales

Al and Lexe Volk

Diepholz Auto

VFW 1592 Auxiliary

Silver Star Skate Center

First Neighbor Bank

Anieta Trame

Cannon Cleaning

Tom and Ginny Campbell

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