



2021 4-H Show Book

Sangamon County



Illinois Extension

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TABLE OF CONTENTS

Safety Requirements for In-Person Events	3
Show Schedules	4-5
Show Rules & Code of Conduct	6-8
Awards & Premiums	9
4-H Project Process	10
General Project Exhibits	
Ready4Life & Innovation Classes.....	11
Exhibit Guidelines:	
Aerospace.....	11
Beef (display)	12
Bicycle.....	12
Cat (display)	13
Child Development.....	13
Civic Engagement.....	14
Clothing & Textiles.....	15
Cloverbuds.....	18
College & Career Readiness.....	18
Communications/Public Presentations.....	19
Computer Science.....	21
Consumer Education.....	22
Crops.....	23
Dairy Cattle (display)	24
Dog (display)	24
Drones.....	24
Electricity.....	25
Entomology/Beekeeping.....	26
ESports.....	27
Exploratory (Welcome to 4-H, Collectibles)	28
Family Heritage.....	28
Foods & Nutrition.....	28
Forestry.....	31
Geology.....	32
Goats (display)	32
Health.....	33
Horse (display)	34
Horticulture.....	34
Intercultural.....	37
Interior Design.....	38
Leadership.....	38
Maker.....	40
Nature.....	40
Photography.....	42
Plants & Soils.....	43
Poultry (display)	44
Rabbits (display)	44
Robotics.....	45
Sheep (display)	46
Shooting Sports (display)	46
Small Engines.....	47
Small Pets.....	48
Swine (display)	48
Technologies.....	49
Theatre Arts.....	50
Tractor.....	51
Veterinary Science.....	52
Video/Filmmaking.....	52
Visual Arts.....	53
Weather.....	57
Welding.....	57
Woodworking.....	58
Live Animal Exhibits	
Latest Move-in Times.....	59
Showmanship & Round Robin Contests.....	59
Live Animal Show Information:	
Beef Show.....	60
Cat Show.....	62
Dairy Cattle Show.....	62
Dog Show.....	63
Goat Show.....	65
Horse Show.....	66
Poultry Show.....	68
Rabbit Show.....	69
Sheep Show.....	69
Swine Show.....	70
Livestock Sale.....	71
Map of Sangamon County Fairgrounds	72

Sangamon County Extension Office
700 S Airport Drive
Springfield, IL 62707
217-782-4617

Menard County Extension Office
420 S 7th St
Petersburg, IL 62675
217-632-7491

Terri Miller, terrim@illinois.edu – County Extension Director; Logan, Menard and Sangamon Counties

Carissa Davis, akpore@illinois.edu – 4-H Extension Educator; Logan, Menard and Sangamon Counties

Annette Reese, rotherger2@illinois.edu – 4-H Extension Educator; Metro Sangamon County

Sharon Lounsberry, slounsb@illinois.edu – 4-H Program Coordinator; Sangamon and Menard Counties

Amy Zepp, azepp2@illinois.edu – 4-H Program Coordinator; Sangamon County

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 Sangamon and Menard Counties 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 azepp2@illinois.edu or 217-782-4617. 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!

2021 SANGAMON COUNTY 4-H SHOWS

All events are subject to change to meet requirements of the University of Illinois, state, and local public health department based on local conditions at the time of the event.

Sangamon/Menard 4-H Public Speaking Contest

Monday, May 3, 6:00 PM

Sangamon Extension Office, Springfield

Exhibit entry registrations due April 19



Logan/Menard/Sangamon 4-H Horse Show

Sunday, June 20

Refuge Ranch, Rochester

Exhibit entry registrations and paperwork due May 14

Sangamon/Menard General Projects Show

Saturday-Sunday, June 26-27 (*detailed schedule on next page*)

Sangamon County Fairgrounds, New Berlin

Exhibit entry registrations due June 1

Sangamon County 4-H Livestock Shows

Beef, Dairy, Goats, Poultry, Rabbits, Sheep, Swine

Saturday-Sunday, June 26-27 (*detailed schedule on next page*)

Sangamon County Fairgrounds, New Berlin

Exhibit entry registrations due June 1

Logan/Menard/Sangamon 4-H Dog Show

Sunday, June 27, 6:00 PM

Sangamon County Fairgrounds, New Berlin

Exhibit entry registrations due June 1



Volunteers are needed before and after the show days to assist with preparing the livestock area and General Projects building. Please come to the Sangamon County Fairgrounds at the following times to help:

- Set-up – Thursday, June 24, 5:30 PM
- Clean-up – Monday, June 28, 8:00 AM



Logan/Menard/Sangamon 4-H Cat Show

Saturday, July 31, 9:00 AM

Logan County Fairgrounds – Special Events Building (Yellow Doors), Lincoln

Exhibit entry registrations due June 1

4-H SHOW WEEKEND SCHEDULE

The show schedule has been adapted so fewer people will be at the Fairgrounds and in the General Projects building at one time to allow for social distancing. We will all miss the fun traditional group activities that we are not able to do this year. Families are encouraged to only be at the Fairgrounds during the time(s) they are exhibiting.

Thursday, June 24

5:30 PM Fairgrounds set-up, help needed

Saturday, June 26

9:00 AM General Projects judging begins

Clubs will be assigned a time between 9:00 AM and 3:00 PM for members to bring their General Projects exhibits and meet with judges. Times will be determined after the June 1 exhibit registration deadline and then shared with members.

- When arriving at the Fairgrounds, members should go directly to the General Projects building to check in and get their exhibit tags.
- Members exhibiting multiple projects can choose the order they want to talk with judges or see which exhibit areas have no one waiting.
- After meeting with the judge, members will leave their exhibits on display to allow judges to review all exhibits side-by-side to determine award winners.

If your family will be at Fairgrounds during lunch time, please bring your own picnic lunch and lawn chairs.

3:30 PM Sheep weigh-in

4:00 PM Swine weigh-in

4:30 PM Beef weigh-in

4:30-6:30 PM General Projects building open for viewing exhibits

General Projects results will also be shared with families via email and social media Saturday evening.

5:30 PM Sheep Show – Show Ring

6:30 PM Swine Show – Show Ring

Sunday, June 27

8:30 AM Dairy Show, followed by Beef Show – Show Ring

9:00-11:00 AM General Projects building open for viewing exhibits

10:00 AM Poultry Show – Barn area

10:30 AM Rabbit Show – Barn area

11:00 AM Goat Show – Show Ring

If your family will be at Fairgrounds during lunch time, please bring your own picnic lunch and lawn chairs.

1:30 PM Round Robin Showmanship – Show Ring

Alumni Round Robin Showmanship (if time/resources allow)

Project Pickup Party!

Clubs will be assigned a time between 1:30 and 4:30 PM for members to pick up their General Projects exhibits and awards. We will take photos of award winners, and exhibitors selected as a State Fair Delegate or Alternate will need to turn in their notification sheet.

4:30 PM Clean-up of General Projects building, help needed

6:00 PM Logan/Menard/Sangamon Dog Show

6:00 PM Livestock Sale – Show Ring

Monday, June 28

8:00 AM Fairgrounds clean-up, help needed

SANGAMON COUNTY 4-H SHOW RULES

Eligibility to Participate

1. To exhibit in a 4-H Show, receive 4-H premiums, receive other awards or recognition, and sell in the 4-H Livestock Auction, members must be enrolled by March 1 of the current year and have paid the annual program fee.
2. 4-H members may only exhibit in projects in which they are enrolled as of March 1 of the current year.
3. To be eligible to exhibit in the live animal classes for **Cat, Dog, Horse, Poultry, or Rabbit**, the 4-H member must have completed the Quality Assurance & Ethics Certification (QAEC) prior to making county show entries. This training is required once during a 4-H member's career.
4. To be eligible to exhibit in the live animal classes for **Beef, Dairy, Sheep, Swine, or Goat**, the 4-H member must have completed the Youth for the Quality Care of Animals (YQCA) training prior to making county show entries. This training must be completed annually.

Entry Registration

5. Members will register to participate in 4-H Shows using the online Fair Entry system. Registration will open in May. **Horse Show registrations are due May 14; General Projects, Livestock, Dog, and Cat registrations are due June 1.** Late 4-H entries will not be accepted. Please contact the Extension Office before the deadline if assistance is needed.
6. If an exhibit is brought to a show and it was not pre-registered, the exhibitor will not be eligible for premium money, awards, or State Fair selection.
7. Members may choose to exhibit in more than one class when offered, but only one entry per class is allowed unless otherwise noted. For example:
 - A member enrolled in Aerospace 2 could exhibit in 50130 Model Rocketry and Aerospace Ready4Life Challenge 50133.
 - A member enrolled in Photography 3 could exhibit in Photography 3 50270 and Photo Editing 50271.
 - A member enrolled in Cooking 101 may exhibit: one exhibit 50200a (cereal marshmallow bars), one exhibit 50200b (coffeecake), AND one exhibit 50200c (cookies); BUT NOT two exhibits of cookies.
8. No entry fee is required for 4-H exhibits.

Exhibits

9. Refer to the descriptions in this Show Book to find the specific exhibit requirements for your project areas.
10. All exhibits must have been owned, made, and/or personally cared for by the exhibitor from the required starting date of the project until time of exhibit.
11. 4-H members cannot use someone else's design, logo, artwork, words, or music in exhibits. Combining parts of several different works – photos, magazine clippings, online images, etc – with your own ideas may result in an original design, but simply changing the color or size of a pattern is not enough.
12. Exhibits illustrating inappropriate subject matter and/or graphics are not acceptable. 4-H show personnel reserve the right to not display exhibits deemed inappropriate for youth audiences.
13. Choose a display size that is most appropriate for the exhibit you are bringing – larger does not always mean better. Some exhibit areas have size limitations, so please read the descriptions carefully. (Keep in mind that if exhibiting at the State Fair, members may need to carry their exhibit from the parking lots on the fairgrounds.)
14. Use of page protectors is recommended for binder exhibits. Binders will NOT be labeled "Do Not Touch."
15. If you are required to complete an activity from your project book as part of your exhibit, make sure you know which activity you did.
16. Pre-printed exhibit tags will be available for members to pick-up at the Shows. Most exhibits must have an exhibit tag. Exhibits without tags will not be judged. Exhibit tags are not needed for the following exhibits: Public Presentations, Livestock, Dog Showmanship, Dog Obedience, Dog Care, and Cat Care. However, Animal Science Displays will need an exhibit tag.

17. Extension staff and volunteers will use diligence to prevent injury or loss of articles or animals on exhibit, but they will not be responsible should any occur. If exhibits are too valuable to leave on display, they should not be shown at the 4-H Show.
18. Exhibits removed early without prior approval will be dropped one grade and premium paid on that rating. **General project exhibits must be picked up on Sunday during the time assigned to your club.** The Extension Office will not be responsible for items left behind. If you can't be present to remove your exhibit, please make arrangements with a friend or your 4-H leader to remove it for you.

Judging

19. **CONFERENCE JUDGING IS REQUIRED** for all General Project exhibits. If a member has a conflict, they must contact Carissa Davis (akpore@illinois.edu) by June 1 to make alternate arrangements to conference judge before the 4-H Show date to be eligible for premiums, award consideration, or State Fair Delegate selection AND complete a form to display with their exhibit at the 4-H Show.
20. Judges are provided a copy of the exhibit requirements to use in judging the exhibits. Exhibitors who do not follow class guidelines and requirements will be dropped one letter grade and are ineligible for State Fair consideration.
21. Judges consider the age of the exhibitor, knowledge exhibited, as well as the appearance of the exhibit in determining awards. Knowledge and the actual exhibit are equally considered.
22. Each exhibit will be judged on its own merit and not against other exhibits.
23. During judging, no one will be allowed in the judging area except 4-H members, judges, and workers.
24. Extension staff reserve the right to make final interpretation on any controversies, covered or not covered in the Show Book. The judge's decision is final, unless it has been determined that an exhibitor has not followed the guidelines or rules for that exhibit class.

Livestock

25. To allow for social distancing, families should leave an empty stall between their animals and the next family.
26. It is the exhibitor's responsibility to provide basic animal health needs for their livestock. Make sure they are properly fed, watered and cooled.
27. EXHIBITORS MUST USE STRAW OR WOOD SHAVINGS AS BEDDING FOR THEIR ANIMALS. ABSOLUTELY NO BARK IS TO BE USED FOR BEDDING PURPOSES.
28. 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 and available at <https://www2.illinois.gov/sites/agr/Animals/AnimalHealth/Pages/fair-exhibition-requirements.aspx>
29. Health certificates will be checked on site for beef, goats, and swine.
30. Professional groomers can serve as an excellent resource throughout the year to help members learn skills and techniques for preparing animals for exhibit; HOWEVER, professional groomers are not allowed to prepare 4-H animals during the Sangamon County 4-H Show.
31. All exhibitors wishing to sell in the Sangamon County 4-H Livestock Sale should refer to the livestock sale rules for eligibility information for your species.
32. Livestock should not be removed from the Fairgrounds until completion of the Round Robin Contest on Sunday, unless approved by the Superintendent. NO LIVESTOCK will be permitted to be loaded during the Livestock Sale. Rabbits and Poultry will be released after completion of their shows.

Additional Rules

33. If a 4-H member needs a reasonable accommodation to participate in the 4-H Shows, please contact the Extension Office at 217-782-4617 at least three weeks prior to the event.
34. 4-H members should dress appropriately for the project being exhibited.
35. Exhibit check-in times and directions are listed on the schedule pages in this book and will also be listed in the 4-H newsletter prior to the 4-H Show, and viewable online at <https://extension.illinois.edu/lms/4-h-sangamon-menard-county>.

36. The Extension Office does not offer, facilitate, or condone an overnight experience for members during 4-H shows. If families wish to pursue overnight camping on the Sangamon County Fairgrounds, they should contact the Sangamon County Fair Office in advance at 488-2685 to make arrangements.
37. Announcements made after the Show Book printing precede what is in the book.

ILLINOIS 4-H CODE OF CONDUCT

The opportunity to participate in or attend 4-H activities is a privilege and not a right. All 4-H participants – youth, families, volunteers, and Extension staff – who participate in or attend any activity or event sponsored by the University of Illinois Extension 4-H Youth Development Program are expected to uphold the values of the Illinois 4-H program and conduct themselves according to the following standards. These standards also apply to online 4-H activity, including social media and internet presence.

1. Create a Welcoming Environment for All.
2. Bring Your Best Self.
3. Obey the Law.
4. Honor Diversity – Yours and Others’.
5. Create a Safe Environment.
6. Be a Team Player.
7. Humane Treatment of Animals.
8. Participate Fully.
9. Watch What You Wear.
10. Be a Positive Role Model.

CONSEQUENCES

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

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

AWARDS & PREMIUMS

RIBBONS

Exhibits will be rated as follows:

- “A” = blue ribbon = exhibit meets or exceeds the given requirements
- “B” = red ribbon = exhibit does not meet requirements or needs minor improvement
- “C” = white ribbon = exhibit does not meet requirements or needs major improvement

Members exhibiting a Cloverbud project will receive a “participation” ribbon and cannot earn a premium.

Special rosette ribbons and/or other prizes may be awarded to exhibits displaying outstanding project work. The number and type of these special awards varies between project areas.

STATE FAIR DELEGATES

In most General Project areas, the best exhibits are chosen to advance to the Illinois State Fair. Any 4-H member meeting the eligibility rules for participation set by the Junior Department of the Illinois State Fair and having received an “A” rating may be chosen to represent 4-H at the Illinois State Fair if they are ages 8-18 as of September 1 of this 4-H year. If you are selected as a State Fair Delegate or Alternate, give your notification sheet to the 4-H staff person manning the General Project Building during check-out, and let them know your decision before you take your project home.

PREMIUMS

4-H members exhibiting projects can earn premium money based on the rating(s) their exhibit(s) receive. **ONLY ONE PREMIUM PER CLASS may be paid, according to rules from the Bureau of County Fairs.** This applies to ANY project area where you are allowed to exhibit more than one item in a class. **Premiums MAY be capped at \$100 per exhibitor.**

Premiums are paid on the "X-factor" basis, allowing 4-H to use all money allocated without overspending. The "X-factor" system is calculated as the number of 4-H members eligible for premiums, times the amount allowed for members by the State, divided by the total number of "Xs" accumulated from the county shows. Premiums are weighted by project area:

<u>5, 4, 3x</u>	Computer Science	Video/Filmmaking	Consumer Education	Interior Design
Beef	Dog	Welding	Crops	Leadership
Dairy Cattle	Drones	Woodworking	Entomology &	Nature
Goats	Electricity		Beekeeping	Plant & Soils
Horse	ESports	<u>3, 2, 1x</u>	Exploratory	Small Engines
Sheep	Maker	Animal Science Display	Family Heritage	Theatre Arts
Swine	Photography	Bicycle	Foods & Nutrition	Tractor
	Poultry	Child Development	Forestry	Veterinary Science
<u>4, 3, 2x</u>	Rabbits	Civic Engagement	Geology	Visual Arts
Aerospace	Robotics	Clothing: Shopping	Health	Weather
Cat	Shooting Sports	College & Career	Horticulture	<i>All Others Not Listed</i>
Clothing: STEAM	Technologies	Communications	Intercultural	

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.

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. This is not a 4-H or University of Illinois directive; this is a requirement of the Internal Revenue Service.

4-H PROJECT PROCESS

When enrolling in 4-H this year, each member picked at least one project to do. 4-H believes in “learning by doing” which means that members should be learning about their project topics by completing activities and practicing skills related to their projects. Project learning should happen throughout the year, and most 4-H members work towards the goal of exhibiting their projects in the 4-H Show in the summer, but you are not required to exhibit.

1. **Set goals** of what you want to learn and accomplish in your projects this year.
 - Check out this worksheet from Iowa 4-H about how to write good goals:
<https://www.extension.iastate.edu/sites/www.extension.iastate.edu/files/polk/goals1.pdf>
2. Use your 4-H project books and other resources such as websites, books, and local experts to help you **learn new information and skills** related to your projects.
 - If you still need to request project books, use the form at <https://go.illinois.edu/pubsrequest>.
 - For most projects, you are not required to complete all the activities in the project book.
3. **Read the Exhibit Requirements** on the following pages to see what you need to prepare if you want to exhibit your projects in the 4-H Show this summer. Start thinking about and working on what you will exhibit. *Parents can guide and assist with project work, but members are expected to complete their exhibits themselves.*
4. If you haven't already done so, **prepare a talk/demonstration** related to one of your projects and present it to your club. (Check with you club leader for details on presenting your talk/demonstration.)
5. Carefully **read the Show Rules**. If you need to request an accommodation to be able to participate, please contact staff at azepp2@illinois.edu or 217-782-4617.
6. You will need to **register which of your projects you will be exhibiting** in the 4-H shows. Registration takes place through the online FairEntry system using your 4HOnline account, and instructions will be provided in a separate document.
7. Finish preparing your exhibits and bring them to the 4-H Show!
8. Revisit your goals and think about what you could do to improve or expand your project and exhibit next year.

GENERAL PROJECT EXHIBITS

“Ready4Life” CLASSES

The Ready4Life Challenge class is available in every 4-H project and open to any 4-H member who was at least 11 years old as of September 1, 2020. 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.

INNOVATION CLASSES

This exhibit opportunity is open to youth enrolled in a project where an innovation class option is provided. Innovation classes are an alternative option for demonstrating learning. Demonstrate the skills and knowledge you have gained through the 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.

AEROSPACE

Members may choose to exhibit in more than one class but only one entry per class (i.e. A member enrolled in Aerospace 2 could exhibit in both classes 50130 Model Rocketry and Aerospace Ready4Life Challenge 50133, but cannot enter two model rockets in class 50130).

Model Rocketry (SF 50130)

Open to youth in Aerospace 2, Aerospace 3, and Aerospace 4

Exhibit one model rocket assembled or made by the member. The exhibit will be a static display. The model rocket should be in good flying condition. DO NOT include the rocket engine with your exhibit. Attach the printed directions for construction of the rocket if any were used. Conference judging will have two parts; exhibitors should be prepared to talk with the judge and demonstrate skills as listed below:

Part 1: Static Judging

- Proper construction (all necessary parts are attached)
- Finishing (sanding, painting, decals)
- Recovery system in place, if meant to be launched

Part 2: Launch Readiness Demonstration/Explanation

- How to place propulsion (engine)
- Ignition readiness (ignitor + plug)
- Engine wading
- Recovery system (properly secured parachute or streamer), which includes explaining putting baby powder in a parachute to keep it from melting/sticking and why it might be beneficial to cut a hole in the parachute to reduce wind resistance on a windy day.

Aerospace Display (SF 50131)

Open to youth in Aerospace 2, Aerospace 3, and Aerospace 4

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

Aerospace Ready4Life Challenge (SF 50133) (Open to youth in Aerospace 2, Aerospace 3, and Aerospace 4)

Open to 11- to 18-year-olds enrolled in any Aerospace project.

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

BEEF

Members enrolled in the Beef project may choose to exhibit a live animal and/or an Animal Science display.

Information about live animal exhibits is available on page 60.

Beef Animal Science (SF 50135)

Prepare a display focusing on any activity related to the beef 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.

Animal Science Beef Ready4Life Challenge (SF 50137)

Open to 11- to 18-year-olds enrolled in any Beef 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.

BICYCLE

Bicycle 1-2 (not eligible for state fair)

Exhibit a poster or display illustrating what you have learned in your project this year.

Bicycle Ready4Life Challenge (not eligible for state fair)

Open to 11- to 18-year-olds enrolled in any Bicycle 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.

CAT

Members enrolled in the Cat project may choose to exhibit a live animal and/or an Animal Science display.

Information about live animal exhibits is available on page 62.

Cat Animal Science (SF 50135)

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.

Animal Science Cat Ready4Life Challenge (SF 50137)

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.

CHILD DEVELOPMENT

Child Development (SF 50141)

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.

Child Development Ready4Life Challenge (SF 50142)

Open to 11- to 18-year-olds enrolled in the Child Development project

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for

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

CIVIC ENGAGEMENT

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

Civic Engagement 1 (SF 50145)

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

Civic Engagement 2 (SF 50146)

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

Civic Engagement 3 (SF 50147)

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

Civic Engagement Ready4Life Challenge (SF 50149)

Open to 11- to 18-year-olds enrolled in any Citizenship project.

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

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.

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 the exhibitor has been enrolled in the project for multiple years (including Service Learning 1), the binder portfolio should include the previous years' work. Use of page protectors is recommended.

Service Learning 3 (not eligible for state fair)

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

CLOTHING & TEXTILES

All exhibits entered in the clothing and textiles area will be judged based on their construction and fit (if applicable). Exhibitors bringing garments should not wear their garments when they arrive for judging as 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 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.

CLOTHING: STEAM

Members may choose to exhibit in more than one class but only one entry per class (i.e. A member enrolled in STEAM Clothing 1 could exhibit in both classes 50151a Non-Sewn Exhibits and 50151c Sewn Clothing Exhibits, but not exhibit two 50151a Exhibits)

STEAM Clothing 1 – FUNDamentals (SF 50151a, 50151b, 50151c)

Exhibit one or more of the following in either the Non-Sewn, Sewn Non-Clothing, or Sewn Clothing exhibit divisions (only one exhibit per division):

Non-Sewn Exhibits (SF 50151a) Exhibit one of the following:

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

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

Sewn Non-Clothing Exhibits (SF 50151b) Exhibit one of the following:

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

Sewn Clothing Exhibits (SF 50151c) Exhibit one of the following:

- Simple top
- Simple pants, shorts, or skirt – no zipper or button holes
- Simple Dress – no zipper or button holes

- Other – other wearable item using skills learned in project manual (apron, vest, etc.)

STEAM Clothing 2 – Simply Sewing (SF 50152a, 50152b, 50152c)

Exhibit one or more of the following in either the Non-Sewn, Sewn Non-Clothing, or Sewn Clothing exhibit divisions (only one exhibit per division):

Non-Sewn Exhibits (SF 50152a) 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 the project manual to identify fabric swatches. Completed textile cards should be placed in an 8 ½" x 11", 3 ring binder. Include an appropriate cover. See project manual, pages 40-82, for fabric science experiments.
- Design Basics – Understanding Design Principles – Exhibit should include a learning experience that demonstrates the design principles and elements involved when selecting fabric for clothing and accessories. See project manual, pages 17-20, for design suggestions.
- Entrepreneurial Sewing – Exhibit should highlight items you made for sale online. Create an exhibit that displays products you made and posted online. Refer to the project manual, pages 161-167, for information on how to analyze the cost of similar purchased items to determine pricing of your products. The exhibit may be a notebook, poster or small display.

Sewn Non-Clothing Exhibits (SF 50152b) 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 (SF 50152c) 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 (SF 50153a, 50153b, 50153c)

Exhibit one or more of the following in either the Non-Sewn, Sewn Non-Clothing, or Sewn Clothing exhibit divisions (only one exhibit per division):

Non-Sewn Exhibits (SF 50153a) 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 STEAM 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 the project manual to identify fabric swatches. Completed textile cards should be placed in an 8 ½" x 11", 3 ring binder. Include an appropriate cover. See project manual, pages 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 (SF 50153b) Exhibit one of the following:

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

Sewn Clothing Exhibit (SF 50153c) Exhibit one of the following:

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

CLOTHING: SHOPPING

Exhibit one of the following options that align with the Shopping in Style level. If a garment is part of the 4-H exhibit, exhibitors should put the garment on PRIOR to their judging time. Members are encouraged to spend more than one year involved in this project so they have time to learn what clothing styles look best on them while they also gain skills in building a versatile wardrobe and staying within their budget. Each year enrolled in Shopping should build on the previous year’s learning experience.

Shopping in Style (SF 50154)

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.

Intermediate – Choose one of the following activities from Unit 3 or Unit 4 of the project book (SF 50155):

- Exhibit should include two clothing items that were previously a part of your wardrobe that still fit but you don’t wear anymore and pair them with something new to make them wearable again. Also include a report that explains why the garment was not being worn and what you did to transform it into a wearable garment again. **OR**
- Exhibit should include at least five pieces of clothing that exhibitor can mix and match to create multiple outfits. Include a poster or report that includes a clothing inventory AND describes what you have learned by completing this activity. **OR**
- Exhibit should include garment you purchased along with a poster or report that 1) includes a wardrobe inventory which indicates why you selected the garment you did, clothing budget, and cost of garment; **OR** 2) explains how

advertising influences clothing purchases, making a distinction between wants and needs; and how the purchase of this garment compliments and/or extends your wardrobe. **OR**

- Exhibit should include garment you purchased along with a poster or report that 1) describes a cost comparison of this item completed by the exhibitor when purchasing the garment; should include variety of shopping options and/or price tracking at stores over a period of time; **OR** 2) provides a quality comparison rating the specific clothing item purchased based on care, construction, cost and unique features; should include construction quality details, design features that influenced selection, cost per wearing, and garment care.

Advanced – Choose one of the following activities from Unit 5 or Unit 6 of the project book (SF 50156):

- Exhibit should include garment you purchased along with a poster or report that summarizes care requirements not only for this garment but also for garments made of other natural and synthetic fibers; exhibit should also include a care cost analysis for garments of different fibers. **OR**
- Exhibit should include garment you purchased which you have repaired or altered along with a poster or report that provides a clothing inventory list which includes cost savings for repaired items as compared to purchasing replacement garments.
- Exhibit should include multiple garments you purchased along with a poster or report that provides plans and commentary for a fashion show that would capture the attention of an audience. Fashion show plans should identify target audience, include show venue, purpose of the show, and logistical plan for the fashion show. This should also include a financial plan. Exhibitor should be prepared to demonstrate modeling skills.

Sewing & Textiles Ready4Life Challenge (SF 50157)

Open to 11- to 18-year-olds enrolled in any Sewing & Textiles project.

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

CLOVERBUDS

1. Must be 5-7 years old by September 1 of current 4-H year.
2. Cloverbuds may exhibit an individual or group Cloverbud project.
3. Cloverbuds should plan to be present for conference judging.
4. This is an exhibition class and will not be scored.
5. Members will receive a participation ribbon but not a premium.

Cloverbud Club Exhibit

A display prepared by the members as a group that reflects what they learned through activities completed by the Cloverbud Club. Cloverbud club members must be present for conference judging.

Cloverbud Individual Exhibit

If the Cloverbud Club chooses not to do an exhibit as a Club, individual members may exhibit a poster or display showing one or more things they learned doing Cloverbud activities this year. Cloverbud member must be present for conference judging.

COLLEGE & CAREER READINESS

Build Your Future (SF 50365)

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 the previous year's learning experiences.

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

College & Career Ready4Life Challenge (SF 50366)

Open to 11- to 18-year-olds enrolled in the College & Career project.

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

COMMUNICATIONS

Communications 1 (SF 50368)

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 a section showcasing at least four additional activities per year.

Communications 2 (SF 50368)

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 a section showcasing at least four additional activities per year.

Communications 3 (SF 50368)

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 a section showcasing at least four additional activities per year.

Creative Writing (SF 50367)

To provide the best learning experience, **Creative Writing exhibits must be submitted to azepp2@illinois.edu by Friday, June 18, 2021 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 the exhibitor's 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.

Journalism (SF 50369)

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 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.

Communications Ready4Life Challenge (SF 50370)

Open to 11- to 18-year-olds enrolled in any Communications 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.

COMMUNICATIONS: PUBLIC PRESENTATIONS

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.

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 Angelou
- Combined Program: Combine any number of the above elements along with other creative presentation forms

COMPUTER SCIENCE

Exhibitors may bring computer equipment for demonstration purposes. Computers will not be furnished. Internet connections are not available for use by exhibitors. Any member found to be using computer software in a manner that infringes on copyright laws will be disqualified.

Beginning Visual Programming (not eligible for state fair)

Open to youth in Computer Science Visual Based Programming

Exhibit a simple program using Scratch (or other simple visual 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.

Intermediate Visual Programming (SF 50159)

Open to youth in Computer Science Visual Based Programming

Exhibit a program using Scratch (or other simple visual programming language) 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.

Advance Visual Programming (SF 50160)

Open to youth in Computer Science Visual Based Programming

Exhibit a video game you have created in Scratch (or other simple visual 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.

Website Design (SF 50161)

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

Computer Open Source / Innovation CS (SF 50162)

Open to youth enrolled in Computer Science Text-Based Programming or robotics project).

Demonstrate the skills and knowledge you have gained through the Computer project. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. Exhibits in this class may also demonstrate successful application of open source (publicly

available) computing software and/or hardware, such as Raspberry Pi and Linux, to accomplish a task. All exhibits must include something visual, such as a poster or printed copy of a digital presentation or programming flowchart, which will remain on display during the exhibition. Exhibits in this area will be judged on the computer science programming. Youth enrolled in a robotics project should choose this class if you want the exhibit to be judged on the programming of the robot. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

Computer Science Ready4Life Challenge (SF 50164)

Open to 11- to 18-year-olds enrolled in any Computer project

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

CONSUMER EDUCATION

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 the exhibitor has been enrolled in the project. Completed activities from previous years should be included.

My Financial Future 1 Beginner (SF 50168)

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 – Beginner project manual which includes: Who Needs This?; Let's get SMART; Bringing Home the Bacon; Managing Your Money Flow; My Money Personality; and Money Decisions.
- **Second Year and Beyond** – Complete a minimum of Activities 7-11 from the My Financial Future – Beginner project manual which includes: Banking your \$\$\$\$\$; Charging it Up; Check it Out; Better than a Piggy Bank!; and My Work; My Future.

My Financial Future 2 Advanced (SF 50169)

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 of 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.

Consumer Ed Ready4Life Challenge (SF 50167)

Open to 11- to 18-year-olds enrolled in any Consumer Education project.

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

CROPS

Soybeans (SF 50170)

Exhibit five fresh plants (include root system that is washed) that are representative of member's 4-H project field; **OR** exhibit an experimental or educational project related to one experience from your project. Include explanation of the project in a report for public understanding. Include the member's crop records with the exhibit, such as the 4-H crop record found online @ 4-H.illinois.edu, an FFA crops record, or similar information.

Corn (SF 50171)

Exhibit two fresh plants of field corn (include root system that is washed) that are representative of member's 4-H project field; **OR** exhibit an experimental or educational project related to one experience from your project. Include explanation of the project in a report for public understanding. *Sweet corn should be exhibited in Vegetable Gardening unless being raised under commercial contract by the exhibitor.* Include the member's crop records with the exhibit, such as the 4-H crop record found online @ 4-H.illinois.edu, an FFA crops record, or similar information.

Small Grains (SF 50172)

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

Crops Innovation Class (SF 50173)

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.

Crops Ready4Life Challenge (SF 50175)

Open to 11- to 18-year-olds enrolled in any Crops project

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

DAIRY CATTLE

Members enrolled in the Dairy Cattle project may choose to exhibit a live animal and/or an Animal Science display.

Information about live animal exhibits is available on page 62.

Dairy Cattle Animal Science (SF 50135)

Prepare a display focusing on any activity related to the dairy cattle 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.

Animal Science Dairy Cattle Ready4Life Challenge (SF 50137)

(Open to 11- to 18-year-olds enrolled in any Dairy Cattle 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.

DOG

Members enrolled in the Dog project may choose to exhibit a live animal and/or an Animal Science display.

Information about live animal exhibits is available on page 63.

Dog Animal Science (SF 50135)

Prepare a display focusing on any activity related to the dog 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.

Animal Science Dog Ready4Life Challenge: (SF 50137)

Open to 11- to 18-year-olds enrolled in any Dog 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.

DRONES: UNMANNED AERIAL VEHICLES/SYSTEMS

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.

UAV Display (SF 50375)

Prepare a display related to the Drones/UAV project on the topic of your choosing. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Non-UAV/ Drone projects should not be entered in this class (see Aerospace Display).

UAV Unmanned Aerial Systems (SF 50376)

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.

ELECTRICITY

Electricity 1 (SF 50177)

(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 at <https://energyedcouncil.org/4-h/>. Projects using paper clips, cardboard, thumbtacks, and 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.

Electricity 2 (SF 50178)

(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 at <https://energyedcouncil.org/4-h/>. Projects using paper clips, cardboard, thumbtacks, and 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.

Electricity 3 (SF 50179)

Exhibit a 120V lighting fixture or other appliance that 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 at <https://energyedcouncil.org/4-h/>.

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.

Electricity Ready4Life Challenge (SF 50181)

Open to 11- to 18-year-olds enrolled in any Electricity project.

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

ENTOMOLOGY GENERAL

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.

Entomology 1 (SF 50183)

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.

Entomology 2 (SF 50184)

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

Entomology 3 (SF 50185)

Exhibit 60 or more species representing twelve or more orders. Collection must be accurately labeled. Exhibitors must also include the Entomology 3 project manual, *Teaming With Insects 3*, with at least one completed activity for each year enrolled. The project manual must be included. Rules for pinning and labeling insects are available from your local Extension office.

Entomology Display (SF 50186)

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

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

Entomology Ready4Life Challenge (SF 50187)

Open to 11- to 18-year-olds enrolled in any Entomology project.

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

ENTOMOLOGY 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.*

Beekeeping 1 (SF 50188)

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.

Beekeeping 2 (SF 50189)

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).
- Cut-comb honey: Three (3) 1# boxes (boxes are usually 4 ½” x 4 ½” in size).
- Section honey: Three (3) sections of comb honey (in basswood boxes or Ross rounds).
- Working with honey bees. Present a topic from your manual to teach fairgoers about working with honey bees. Use your knowledge and creativity to display this information on a poster or in a notebook.

Beekeeping 3 (SF 50190)

Exhibit three (3) of the five (5) kinds of honey listed below (#1-5) or prepare an educational display about honey bees or beekeeping (#6).

1. Extracted honey: Three (3) 1# jars (glass, screw-top), holding 1# of honey each.
2. Chunk honey (comb in a jar): Three (3) 1# jars (wide-mouth, glass) .
3. Cut-comb honey: Three (3) 1# boxes (boxes are usually 4 ½” x 4 ½” in size).
4. Comb honey: Three (3) sections (honey built by bees in frames of wood commonly called “sections”) (boxes are usually 4 ½” x 4 ½” in size).
5. Section honey: Three (3) sections of comb honey (in basswood boxes or Ross rounds) **OR**
6. Prepare an educational display about honey bees or beekeeping.

Entomology Beekeeping Ready4Life Challenge (SF 50191)

Open to 11- to 18-year-olds enrolled in any Entomology project.

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

ESPORTS

All exhibitors must complete all activities in the Illinois 4-H eSports Pilot Curriculum.

eSports (SF 50430)

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.

EXPLORATORY (not eligible for state fair)

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; **OR**
- 4-H animals; **OR**
- 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.

FAMILY HERITAGE

Family Heritage (SF 50197)

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 you need a size waiver because the historical item is larger than 22" x 28" please contact the superintendents for approval.

Family Heritage Ready4Life Challenge (SF 50199)

Open to 11- to 18-year-olds enrolled in the Family Heritage project.

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

FOODS & NUTRITION

Exhibit in the appropriate project below. Members may choose to exhibit in one or more of the sub-classes where available, but only one per sub-class. (i.e. A member enrolled in Cooking 101 may choose to exhibit: one exhibit 50200a 3 cereal marshmallow bars, one exhibit 50200b coffeecake, AND one exhibit 50200c 3 cookies; BUT NOT two exhibits of 3 cookies) *(Preferred that food items are displayed on plain, white paper plates that are appropriate for size of item).*

4-H Cooking 101 (SF 50200)

*Using the recipes included in the project manual, prepare and exhibit one or more of the items listed below. 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 your project. The words on the plates must be legible and clearly visible in the picture. Pictures, graphics or photos are acceptable.

- (50200a) 3 cereal marshmallow bars
- (50200b) ¼ of 8" square or round coffeecake
- (50200c) 3 cookies

4-H Cooking 201 (SF 50201)

Using the recipes included in the project manual, prepare and exhibit one or more of the items listed below. 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.

- (SF 50201a) 3 cheese muffins
- (SF 50201b) 3 scones
- (SF 50201c) ½ loaf (9" x 5") of basic nut bread

4-H Cooking 301 (SF 50202)

Using the recipes included in the project manual, prepare and exhibit one or more of the food items listed below. 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.

- (SF 50202a) 3 dinner rolls (The roll dough may be prepared in a bread making machine; however prepared mixes are not permitted)
- (SF 50202b) loaf of yeast bread (The yeast bread may be prepared in a bread making machine; however prepared mixes are not permitted)
- (SF 50202c) 1 tea ring (If icing is used on the tea ring, the recipe for the icing must also come from the book.)
- (SF 50202d) 3 sweet rolls (If icing is used on the sweet rolls, the recipe for the icing must also come from the book.)
- (SF 50202e) one layer of a Rich White Cake or Rich Chocolate Cake, top side up (*without frosting*)

4-H Cooking 401 (SF 50203)

Using the recipes included in the project manual, prepare and exhibit one or more of the food items listed below. 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?

- (SF 50203a) ¼ of a 15" x 10" loaf of focaccia bread (do not include dipping oil)
- (SF 50203b) one baked pie shell – traditional, oil, or whole wheat (no graham cracker)
- (SF 50203c) ¼ Golden Sponge Cake, top side up, without frosting
- (SF 50203d) ½ loaf French Bread

Food Science 1 (SF 50204); Food Science 2 (SF 50204); Food Science 3 (SF 50204); Food Science 4 (SF 50204)

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

Sports Nutrition (SF 50206)

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.

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 screenshot 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.

Food Preservation (SF 50208)

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 (2) pint jars of different recipes of pickles and/or relishes.
- **Jams, Jellies, and Preserves** – Exhibit two (2) half-pint jars of two different jams, jellies, and/or preserves.
- **Preservation Combination** – Exhibit two (2) different preserved food products, excluding Freezing, in appropriate jars/packaging (drying). For example, exhibit 1 jar of tomatoes (Canning) and 1 half-pint of jelly (Jams, Jellies, and Preserves).

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

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

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

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 must 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), grandmas 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.

Foods Innovation Class (SF 50211)

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.

Foods Nutrition Ready4Life Challenge (SF 50210)

Open to 11- to 18-year-olds enrolled in any Foods project

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

FORESTRY

Forests of Fun 1 (SF 50212); Forests of Fun 2 (SF 50213); Forests of Fun 3 (SF 50214)

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

Forestry Ready4Life Challenge (SF 50216)

Open to 11- to 18-year-olds enrolled in any Forestry project.

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

GEOLOGY

Size and number of exhibit cases should relate appropriately to the number of specimens being displayed for a specified class. Specimens are not limited to Illinois locations. All levels of Geology use the same manual, *Geology-Introduction to the Study of the Earth*.

Pebble Pups 1 (SF 50218)

Display 8 to 19 rocks and mineral specimens with three minerals in the collection. Collection may include duplications that show variations. Label collection and note where found.

Pebble Pups 2 (SF 50219)

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

Rock Hounds 1 (SF 50220)

Display at least 30, but no more than 40, rocks and mineral specimens with ten minerals in the collection. Rocks should include at least three igneous, two metamorphic, and three sedimentary groups. Label collection and note where found.

Rock Hounds 2 (SF 50221)

Display no more than 50 specimens that have been selected to illustrate a specific theme of the exhibitor's choosing. Be creative. Sample categories could include (but are not limited to): industrial minerals and their uses; a specific rock group and the variety that occurs in that group, including some minerals that occur in that environment; select fossils traced through the geologic ages; minerals and their crystal habits; rocks and minerals used in the lapidary arts.

Geology Innovation Class (SF 50222)

Open to youth enrolled in Geology.

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

Geology Ready4Life Challenge (50224)

Open to 11- to 18-year-olds enrolled in the Geology project.

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

GOATS

Members enrolled in the Goats project may choose to exhibit a live animal and/or an Animal Science display.

Information about live animal exhibits is available on page 65.

Goat Animal Science (SF 50135)

Prepare a display focusing on any activity related to the goat 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.

Animal Science Goats Ready4Life Challenge (SF 50137)**Open to 11- to 18-year-olds enrolled in any Goat project**

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

HEALTH

Health 1 (SF 50226)

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.

Health 2 (SF 50227)

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.

Health 3 (SF 50228)

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.

Health Innovation Class (SF 50229)**Open to youth enrolled in Health 1, 2 or 3.**

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

Health Ready4Life Challenge (SF 50231)

Open to 11- to 18-year-olds enrolled in any Health project.

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

HORSE

Members enrolled in the Horse project may choose to exhibit a live animal and/or an Animal Science display.

Information about live animal exhibits is available on page 66.

Horse Animal Science (SF 50135)

Prepare a display focusing on any activity related to the horse 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.

Animal Science Horse Ready4Life Challenge (SF 50137)

Open to 11- to 18-year-olds enrolled in any Horse 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.

HORTICULTURE: FLORICULTURE

Floriculture A (SF 50192)

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.)

Floriculture B (SF 50193)

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.

Floriculture C (SF 50194)

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 plant, soil, and environmental needs and watering requirements of a closed system; **OR**
- Exhibit a plant that you propagated from cuttings, layering or division or started from seed. Create a photo board showing the progression of growth. Tips for vegetative propagation of houseplants can be found in the University of Illinois Extension Gardener's Corner (go.illinois.edu/gardenerscorner).

Floriculture D (SF 50195)

Exhibit one of the following options:

- Create a centerpiece around a theme such as a wedding, holiday, birthday, etc. No silk flowers are permitted; **OR**
- Create an exhibit of forced bulbs in a pot.

Floriculture Display (SF 50196)

(Open to youth enrolled in Floriculture A, Floriculture B, Floriculture C, and Floriculture D)

Present an exhibit of the member's choice that focuses on some aspect of floriculture which does not fit in the categories above. The exhibit may include, but isn't limited to, dish gardens, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

Floriculture Ready4Life Challenge (SF 50198)

Open to 11- to 18-year-olds enrolled in any Floriculture project.

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

HORTICULTURE: VEGETABLE GARDENING

All exhibits must have been grown by the exhibitor as part of their current gardening 4-H project. Exhibitors should be knowledgeable about various aspects of the produce, including but not limited to different varieties, soil testing, fertilizers used, etc. Exhibits should be prepared according to the Illinois Vegetable Garden Guide website: <http://web.extension.illinois.edu/vegguide/>. Waxes and oils may not be used on vegetables or fruits. Any plant infested with insects will be removed from the exhibit area and will not be eligible for champion awards.

Herb Display (SF 50313)

(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 Display (SF 50314)

(Open to youth in Vegetable Gardening A, Vegetable Gardening B, Vegetable Gardening C, and Vegetable Gardening D)

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.).

Vegetable Plate (SF 50315)

(Open to youth in Vegetable Gardening A, Vegetable Gardening B, Vegetable Gardening C, and Vegetable Gardening D)

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.)

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

Vegetable Gardening Display (SF 50316)

(Open to youth in Vegetable Gardening A, Vegetable Gardening B, Vegetable Gardening C, Vegetable Gardening D)

Present an exhibit of the member's choice that focuses on some aspect of vegetable gardening which does not fit in the categories above. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which

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

Vegetable Gardening Ready4Life Challenge (SF 50318)

Open to 11- to 18-year-olds enrolled in any Vegetable Gardening project.

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

INTERCULTURAL

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

Passport to the World, Individual (SF 50233)

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.

Diversity & Cultural Awareness (SF 50234)

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.

Intercultural Ready4Life Challenge (SF 50236)

Open to 11- to 18-year-olds enrolled in any Intercultural project.

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

Intercultural, Club, includes *Passport to the World, Diversity & Cultural Awareness, and Latino Cultural Arts projects* (SF 50235)

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.

INTERIOR DESIGN

Design Decisions, Beginning (SF 50242); **Design Decisions, Intermediate** (SF 50243); **Design Decisions, Advanced** (SF 50244)

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.

Interior Design Innovation Class (SF 50245)

Open to members enrolled in Interior Design.

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

Interior Design Ready4Life Challenge (SF 50247)

Open to 11- to 18-year-olds enrolled in the Interior Design project.

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

LEADERSHIP

Leadership 1 (SF 50249)

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

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

Leadership 2 (SF 50250)

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

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

Leadership 3 (SF 50251)

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

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

Leadership Innovation Class (SF 50252)

Open to youth enrolled in Leadership 1, 2, or 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. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

Leadership Ready4Life Challenge (SF 50255)

Open to 11- to 18-year-olds enrolled in any Leadership project.

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

Leadership Group Exhibit (SF 50254)

Open to clubs and groups whose members are enrolled in any Leadership project

Exhibit a display illustrating how your group has used the Teens As Leaders model effectively in your club, community, school, or state. Leadership activities might include planning, advising, promoting, mentoring, teaching or advocating for change. The exhibit may include, but isn’t limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you’ve learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. The display must be accompanied by 3 or more 4-H members at the time of the judge’s critique. Club members should make a 5- to 10-minute presentation to the judge. All club members present for the judge’s critique should be able to discuss the project and answer questions. Only club members present for judging who participate in the actual critique and presentation are eligible for ribbons and premiums. Due to space limitations, exhibits are limited to 2’6” wide and 15” deep.

MAKER (SF 50400)

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 reprogrammed 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.

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.

NATURE: NATURAL RESOURCES AND OUTDOOR ADVENTURES

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

Natural Resources 1 (SF 50256); **Natural Resources 2** (SF 50257); **Natural Resources 3** (SF 50258)

Exhibit any item developed from the project book.

Outdoor Adventures 1 (SF 50259); **Outdoor Adventures 2** (SF 50259); **Outdoor Adventures 3** (SF 50259)

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

Natural Resources Innovation Class (SF 50264)

Open to youth enrolled in any Natural Resources and Outdoor Adventures project.

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. 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.

Natural Resources Ready4Life Challenge (SF 50267)

Open to 11- to 18-year-olds enrolled in any Natural Resources and Outdoor Adventures 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.

NATURE: FISHING AND WILDLIFE

Sportsfishing 1 (SF 50260)

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.

Sportsfishing 2 (SF 50261)

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.

Sportsfishing 3 (SF 50262)

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.

Wildlife 1 (SF 50266)

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

Wildlife 2 (SF 50263)

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.

Wildlife 3 (SF 50265)

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

Fishing & Wildlife Ready4Life Challenge (SF 50291)

Open to 11- to 18-year-olds enrolled in any Fishing or Wildlife 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.

Exploring Your Environment 1 (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 personal thoughts and ideas.

Exploring Your Environment 2 (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 personal thoughts and ideas.

PHOTOGRAPHY

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:

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

Additional details required for Photo Editing ONLY:

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

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

The exhibition size requirements for all photographs will be:

Minimum image size: 5" x 7"

Maximum image size: 8" x 10"

Maximum exhibit size (including frame): 18" x 20"

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.

Photography 1 (SF 50268)

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

Photography 2 (SF 50269)

Exhibit one of the 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.

Photography 3 (SF 50270)

Exhibit one of the options listed below:

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

Photo Editing (SF 50271)

Open to members in Photography 1, Photography 2, and Photography 3.

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

Photography Innovation Class: (SF 50272)

Open to members in Photography 1, Photography 2, and Photography 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. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. All exhibits must include one framed photo illustrative of the work you are presenting.

Photography Ready4Life Challenge (SF 50274)

Open to 11- to 18-year-olds enrolled in any Photography project

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

PLANTS & SOILS

Plants & Soils 1 (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 (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 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.

Plants & Soils Ready4Life Challenge (not eligible for state fair)

Open to 11- to 18-year-olds enrolled in any Plants & Soils 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.

POULTRY

Members enrolled in the Poultry project may choose to exhibit a live animal and/or an Animal Science display.

Information about live animal exhibits is available on page 68.

Poultry Animal Science (SF 50135)

Prepare a display focusing on any activity related to the poultry 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.

Animal Science Poultry Ready4Life Challenge (SF 50137)

Open to 11- to 18-year-olds enrolled in any Poultry 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.

RABBITS

Members enrolled in the Rabbits project may choose to exhibit a live animal and/or an Animal Science display.

Information about live animal exhibits is available on page 69.

Rabbit Animal Science (SF 50135)

Prepare a display focusing on any activity related to the rabbit 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.

Animal Science Rabbits Ready4Life Challenge (SF 50137)

Open to 11- to 18-year-olds enrolled in any Rabbit project.

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

ROBOTICS

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.

Robotics 1: Intermediate: (SF 50285)

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.

Robotics 2: (SF 50286)

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.

Robotics Innovation Open Source Class (SF 50292)

Open to youth enrolled in Robotics 3, but may also include youth in Robotics 1 or 2 if the exhibit meets the guidelines.

Exhibit an original robot, either homemade or a kit that does not fall under Robotics 1 or 2 that can complete a task using MULTIPLE sensors. If a robot kit is used, then some parts of the robot must be built using other components such as wood, plastic or metal. The robot can include any types of motors, pneumatics or sensors. The Innovation class can also be used for LEGO Mindstorms or VEX kits where the exhibit does not fall under Robotics 1 or 2 exhibit option. Autonomous control of the robot may also be achieved using an “open source” platform such as Arduino or Raspberry Pi and can be programmed 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 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.

Junk Drawer Robotics 2 (SF 50288)

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.

Junk Drawer Robotics 3 (SF 50289)

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

Robotics Ready4Life Challenge (SF 50293)

Open to 11- to 18-year-olds enrolled in any Robotics project

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

SHEEP

Members enrolled in the Sheep project may choose to exhibit a live animal and/or an Animal Science display.

Information about live animal exhibits is available on page 69.

Sheep Animal Science (SF 50135)

Prepare a display focusing on any activity related to the sheep 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.

Animal Science Sheep Ready4Life Challenge (SF 50137)

Open to 11- to 18-year-olds enrolled in any Sheep project

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

SHOOTING SPORTS

The Shooting Sports exhibit options listed here would be shown at the County 4-H Show at New Berlin on Saturday, June 26, as part of the General Project Show. Participants 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 have the following prohibitions:

- 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).

Shooting Sports: Archery Display (SF 50380)

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

Shooting Sports: Rifle Display (SF 50381)

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

Shooting Sports: Shotgun Display (SF 50382)

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

Shooting Sports: Pistol Display (SF 50384)

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.

Shooting Sports Ready4Life Challenge (SF 50385)

Open to 11- to 18-year-olds enrolled in any Shooting Sports project.

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

Exhibition Shoots

Members enrolled in an approved 4-H Shooting Sports Club, who participated in discipline sessions held by the club, may also have the opportunity to exhibit at a county exhibition shoot for their discipline(s). These exhibition shoots will NOT be part of the General Projects show. Information on date, time, and location of the shoot for each discipline will be shared with eligible members when they are scheduled.

SMALL ENGINES

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.

Small Engines 1 (SF 50294); Small Engines 2 (SF 50294); Small Engines 3 (SF 50294)

Exhibit a display, selecting one of the following items:

- **Ignition System:** Identify the parts of the ignition system and explain how magnetic energy is produced through the ignition system to ignite the spark plug; **OR**
- **Compression System:** Explain how heat energy is produced by an engine and converted into mechanical energy; **OR**
- **Heat Transfer:** Explain how heat is transferred through the cooling and lubrication system of an air-cooled or water-cooled engine; **OR**
- **Filter Maintenance:** Explain the proper maintenance and cleaning of the air, fuel and oil filters of an engine; **OR**
- **What does a serial number reveal?:** Explain the various information that can be learned from the serial number or identification number stamped on the shroud of a Briggs & Stratton engine; **OR**

- **Tools to do the job:** Identify and explain the function(s) of different specialty tools needed for small engine work;
OR
- **Experimentation:** Explain through illustration an experiment you conducted from the project manual showing the results of your work.

Small Engines Ready4Life Challenge (SF 50297)

Open to 11- to 18-year-olds enrolled in any Small Engines project.

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

SMALL PETS

For youth enrolled in Small Pets 1, Small Pets 2, Small Pets 3, or Guinea Pigs

Animal Science Small Pets (SF 50135)

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.

Animal Science Guinea Pigs Display (SF 50135)

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.

Animal Science Small Pets / Guinea Pigs Ready4Life Challenge (SF 50137)

Open to 11- to 18-year-olds enrolled in any Small Pets 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.

SWINE

Members enrolled in the Swine project may choose to exhibit a live animal and/or an Animal Science display.

Information about live animal exhibits is available on page 70.

Swine Animal Science (SF 50135)

Prepare a display focusing on any activity related to the swine 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.

Animal Science Swine Ready4Life Challenge (SF 50137)

Open to 11- to 18-year-olds enrolled in any Swine 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.

TECHNOLOGIES

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

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 it 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 flash drive to be viewed for judging. Exhibits in this class may not have multiple parts, doors, hinges, or any sort of mechanics.

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

3-D Design Advanced (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 it 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 flash drive to be viewed for judging. Exhibits in this class **MUST** not have multiple parts, doors, hinges or some sort of mechanistic feature to accomplish a specific task.

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

3-D Printing Beginner (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 COMMERCIALY AVAILABLE HOME/DESKTOP 3-D PRINTER. In addition, original design files must accompany each exhibit. These files must be in .STL format. Bring your design on a flash drive to be viewed for judging. Exhibits in this class may not have multiple parts, doors, hinges or any sort of mechanics.

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

3-D Printing Advanced (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 COMMERCIALY AVAILABLE HOME/DESKTOP 3-D PRINTER. In addition, original design files must accompany each exhibit. These files must be in .STL format. Bring your design on a flash drive to be viewed for judging.

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

3-D Printing & Design Ready4Life Challenge (not eligible for State Fair)

Open to 11- to 18-year-olds enrolled in any 3-D project

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

THEATRE ARTS

Theatre Arts 1 (SF 50299)

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.

Theatre Arts 3 (SF 50301)

Exhibit one of the following items:

- Portfolio of activities for set design; make-up; or sound, props, or costuming completed during the current year; **OR**
- Display that includes sound, props and costume charts appropriate for a selected scene from a story or play (limited to no more than 8 items); **OR**
- Display a scenic design model to depict a scene from a script; **OR**
- Display illustrating a character with make-up drawn or colored in. Include a photograph of a person wearing the

make-up and information on the character's personality or part in the play.

Theatre Arts Innovation Class (SF 50302)

Open to youth enrolled in Theatre Arts.

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

Theatre Arts Ready4Life Challenge (SF 50304)

Open to 11- to 18-year-olds enrolled in any Theatre project

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

TRACTOR

Tractor A (SF 50306)

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 4-H project manual.

Tractor B (SF 50307)

Exhibit a display or poster that illustrates one of the following topics: cause and prevention of rollovers; diagram how an air cleaner works; diagram and identify an engine cooling system; regulations for battery & oil disposal; or another activity listed in the 4-H project manual.

Tractor C (SF 50308)

Exhibit a display or poster that illustrates one of the following topics: wagon and bin hazards; diagram and identify open and closed hydraulic systems; mower types and safety features; conveyor types and safety features; or another activity listed in the 4-H project manual.

Tractor D (SF 50309)

Exhibit a display or poster that illustrates one of the following topics: method of winterizing a tractor; chemical uses and required safety equipment; parts and process of internal combustion engine; procedure for cleaning and flushing tractor radiator; or another activity.

Tractor Innovation Class (SF 50310)

Open to youth enrolled in Tractor A, B, C or D.

Demonstrate the skills and knowledge you have gained through the Tractor project. This could be related to, but not limited to, advancements in technology, enhancements to crop production, or a topic of interest to the member related to tractors or farm machinery. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include

something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

Tractor Ready4Life Challenge (SF 50312)

Open to 11- to 18-year-olds enrolled in any Tractor project

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

VETERINARY SCIENCE

Veterinary Science 1 (SF 50320); Veterinary Science 2 (SF 50320); Veterinary Science 3 (SF 50320)

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.

Veterinary Science Ready4Life Challenge (SF 50322)

Open to 11- to 18-year-olds enrolled in any Veterinary Science project

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

VIDEO/FILMMAKING

For County 4-H Show:

Exhibitors must bring their own laptop or tablet to play the video. No internet access will be available, so the video should be on a DVD on other storage device (USB) or already be saved on the laptop/tablet. Video files should be saved in .MP4 format.

For State Fair Only:

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.**

Commercial or Promotional Video (SF 50324)

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.

Animated Video (SF 50325)

Video in this class should represent creative animation of original artwork created by the exhibitor and may include stop motion techniques. Media might include images created with graphics software or hand-drawn images.

Documentary (SF 50326)

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 interviews with experts or constituents related to the topic of investigation.

Short Story or Short Narrative (SF 50327)

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

Video/Filmmaking Innovation Class (SF 50328)

Open to youth enrolled in Video/Filmmaking

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

Video/Film Ready4Life Challenge (SF 50330)

Open to 11- to 18-year-olds enrolled in any Video/Film project.

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

VISUAL ARTS

Exhibitors must be enrolled in the Visual Arts project category in which they are exhibiting. Exhibitors are encouraged to date the project when it is made. 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, create something different using the concept, however, it MUST NOT look exactly like something the judge can search for and find on the internet. The exhibit must combine parts of different patterns and/or ideas with the concepts of the member, however 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 a quilt 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.

Visual Arts Food/Cake Decorating Beginning (SF 50332)

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.

Visual Arts Food/Cake Decorating Intermediate (SF 50333)

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.

Visual Arts Food/Cake Decorating Advanced (SF 50334)

- 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.

Visual Arts Food/Cake Decorating Master (SF 50335)

Exhibit to include a one-page written description of your project, including 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 forms.

Visual Arts Chalk/Carbon/Pigment

Enter the division based on the type of material on which the art was created.

Division A: Canvas, Paper, Glass (SF 50336)

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 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.

Division B: Wood, Metal, Textiles (SF 50352)

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.

Visual Arts Clay (SF 50337)

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.

Visual Arts Computer-Generated Art (SF 50338)

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. NOTE: Wood and metal exhibits created through the use of laser cutting programs/devices should be entered in this class. Plastic exhibits with an artistic focus created using a 3-D printer should be entered in this class. If the art created is designed to hang, then the entry should have some protective covering, such as a glass frame, and prepared for hanging. If the art is something that has been created with a laser cutting program/device and is NOT designed to hang, it does not require protective covering nor does it need to be prepared to hang.

Visual Arts Fiber (SF 50339)

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.

Visual Arts Fiber Non-Original AGES 8-10 ONLY (SF 50350)

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.

Visual Arts Glass/Plastic (SF 50340)

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 State Fair entry. Stepping stones or wall hangings that include cement decorated with glass or plastic items are not suitable for this class.

Visual Arts Heritage Arts (SF 50341)

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.

Visual Arts Leather (SF 50321)

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.

Visual Arts Metal (SF 50342)

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.

Visual Arts Nature (SF 50343)

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.

Visual Arts Paper (SF 50344)

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.

Visual Arts Scrapbooking, Beginning (SF 50345)

Exhibit one album or notebook, either 8 ½" x 11" or 12" x 12", 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.

Visual Arts Scrapbooking, Intermediate (SF 50346)

Exhibit one album or notebook, either 8 ½" x 11" or 12" x 12", 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.

Visual Arts Scrapbooking, Advanced (SF 50347)

Exhibit one album or notebook, either 8 ½" x 11" or 12" x 12", 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.

Visual Arts Three-Dimensional Design/Mixed Media (SF 50348)

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

Visual Arts Wood (SF 50349)

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.

Visual Arts Ready4Life Challenge (SF 50351)

Open to 11- to 18-year-olds enrolled in any Visual Arts project.

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

WEATHER

Weather and Climate Science 1 (SF 50392); **Weather and Climate Science 2** (SF 50393); **Weather and Climate Science 3** (SF 50394)

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

Weather Ready4Life Challenge (SF 50395)

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

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

WELDING

Welding (SF 50353)

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.

Welding Ready4Life Challenge (SF 50355)

(Open to 11- to 18-year-olds enrolled in any Welding project)

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

WOODWORKING

Woodworking 1 (SF 50357); Woodworking 2 (SF 50358); Woodworking 3 (SF 50359); Woodworking 4 (SF 50360)

Any item made of wood constructed or refinished by the member, appropriate for their age, skills and ability 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 Ready4Life Challenge (SF 50362)

Open to 11- to 18-year-olds enrolled in any Woodworking project

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

LIVE ANIMAL EXHIBITS

LATEST MOVE-IN TIMES

Any animals that are moved in on Friday evening will be the sole responsibility of the owner. Livestock guards will NOT be provided to look after an exhibitor's animals. Animals should be unloaded and in their pens/stalls by the times listed below:

Saturday, June 26

3:00 PM Sheep & Swine

4:00 PM Beef

Sunday, June 27

8:00 AM Dairy

9:00 AM Goats

9:30 AM Poultry & Rabbits

4-H SHOWMANSHIP CONTESTS

1. Each species of livestock has Showmanship classes on the day of their show.
2. Registration will be online at time of other class registrations, due June 1, and will be premium eligible. Exhibitors will not be allowed to sign up for this class on the day of the show.
3. Showmanship contest is limited to Sangamon County 4-H members who show in the Sangamon County 4-H Show that year.
4. A 4-H club member may compete in more than one species, but must have shown that species in the current year's Sangamon County 4-H Show.
5. MEMBERS MUST SHOW THEIR OWN ANIMAL IN SHOWMANSHIP CLASSES.
6. Animals do not have to be fitted for showmanship.
7. Showmanship Classes offered vary by species as follows:
 - Beef and Swine
 - Beginner Showmanship - Ages 8-12
 - Intermediate Showmanship - Ages 13-15
 - Advanced Showmanship - Ages 16 & up
 - Sheep, Goats
 - Jr. Showmanship – Ages 12 and under
 - Sr. Showmanship – Ages 13 and above
 - Poultry, Rabbits, and Dairy – One top showman selected overall
 - (ages as of September 1, 2020)
8. Once an exhibitor wins at one level in a species, they automatically compete at the next level in that species the following year, regardless of age. (In the Beef and Swine sections, any member winning the advanced level of showmanship in a species will be ineligible to compete in any following year in that species. In the Sheep and Goat sections, any member winning the Sr. level of a species will need to skip a year before they can compete again in that species.)

ROUND ROBIN CONTEST

- There will be a Junior Class for members ages 8-13 and a Senior Class for members ages 14 and up.
- Participants must supply their own livestock. Exhibitors must own or borrow each: a steer or heifer, a market or breeding lamb, and a market hog or breeding gilt.
- To be eligible for the Junior Round Robin Class, participants must be a 4-H livestock project member and have participated in the current year's Sangamon County 4-H Show.
- To be eligible for the Senior Round Robin Class, participants have to be a 4-H livestock project member, have participated in the current year's County 4-H Show, AND have won a showmanship class in a species sometime during their 4-H career.
- A winner and runner-up will be selected in the Senior Division. The winner will represent Sangamon County at the State Master Showmanship Contest, and the runner up would be the alternate for the state contest if the winner is unable to participate in the state contest.

BEEF SHOW

Sunday, June 27, 8:30 AM (immediately after Dairy Show)
Sangamon County Fairgrounds, New Berlin
Superintendent – Mary Lou Krueger

Carefully read the Sangamon County 4-H Show Rules on pages 6-8.

General Beef Show Guidelines

1. Cattle must be **in place by 4:00 PM on Saturday** of the 4-H Show. ONE LETTER GRADE WILL BE DROPPED IF LATE AND LATE ANIMALS WILL NOT BE ELIGIBLE FOR CHAMPION DRIVES. The Beef Committee must approve written requests for late arrival two weeks prior to the show date.
2. Before leaving the show, all exhibitors **MUST** check with Beef Superintendent for clean-up instructions.
3. **NO LIVESTOCK** should be loaded during the Livestock Sale.
4. All beef project exhibition disputes shall be presented to the Beef Committee
5. In any division, classes may be combined, added or deleted at the discretion of the Beef Committee to accommodate entered animals.
6. Refer to the Sangamon County 4-H Livestock Sale Rules for beef eligibility information.

Exhibitors may show in one or more of the following divisions:

BEEF HEIFER PRODUCTION

Latest Starting Date: May 1 for calf born after Sept. 1, and March 1 for all others.

General Requirements:

1. Registration papers are required for purebred cows and heifers.
2. Latest date for ownership and possession is May 1st of the current year.
3. Members may exhibit up to three breeds (or crossbred and one other breed) of heifers.
4. A purebred cow/heifer that does not present proper breed association registration at the time of check in will be placed in the Crossbred Heifer Show.

*Registration papers will follow Illinois State Fair Junior Livestock Division Rules and will dictate exhibit classes for each animal. Registration papers will be required in all purebred classes (and all other breeds), and must show ownership of the animals in the name of the exhibitor only. (No partnerships)

PUREBRED HEIFERS

1. Purebred Classes will be shown by age.
2. Members may exhibit a maximum of three animals, and not more than two in any one class. These may be different breeds.
3. Ear tattoos will be checked at show.

CROSSBRED HEIFER

1. Crossbred classes will be shown by weight.
2. Members may exhibit a maximum of three animals and not more than two in any one class. They may be different breeds.

BEEF COW PRODUCTION - Purebred & Crossbred

Latest starting date: January 1

General Requirements:

1. Cow must be in possession before birth of calf.
2. One or two cows with calves at side (born after Jan. 1 of current year). Evaluation is 50% on the cow and 50% on the calf. If cow loses calf, she will not be eligible to show.

3. Members may show two entries (two different breeds allowed) and may not show the cow(s) in any other class(es).
4. If calf at the cow's side is female, then the calf can show in regular breed classes (papers required); however, only the higher premium from the individual class and cow- calf class is paid.
5. Cows and calves must be washed and clipped, but no other fitting/grooming practices will be allowed.

BEEF STEER

Latest Starting Date: February 1

General Requirements:

1. Beef steers must have been calved after January 1, 2020 and must have been tattooed/weighed on the scheduled Steer Weigh-date.
2. May exhibit a maximum of three steers, may be different breeds.
3. Weight divisions for each breed will be determined by the Beef Committee.
4. Purebred Classes will be shown by age.
5. Members may exhibit a maximum of three animals, and not more than two in any one class. These may be different breeds.
6. Ear tattoos will be checked at show.

*Registration papers will follow Illinois State Fair Junior Livestock Division Rules and will dictate exhibit classes for each animal. Registration papers will be required in all purebred classes (and all other breeds) and must show ownership of the animal/s in the name of the exhibitor only (No partnerships).

All steers will be weighed, and classes broken by the Beef Committee at the Show. To qualify for Championship Classes, steers must receive an "A" rating in their respective classes. Classes will be provided (at the discretion of the Beef Committee) **for each breed of three or more exhibitors** as follows: Angus, Hereford, Shorthorn, All Other Breeds, and Crossbred Steers. Top 5 Rate of Gain Steers will be Paraded, Grand Champion Steer.

ANGUS

01-Female Jan/Feb/Mar (2021)
 02 -Female Nov/Dec
 03-Female Sept/Oct
 04-Female July/Aug

05-Female May/Jun
 06-Female Mar/Apr
 07-Female Jan/Feb (2020)

HEREFORD

08-Female Jan/Feb/Mar (2021)
 09-Female Nov/Dec
 10-Female Sept/Oct
 11-Female July/Aug

12-Female May/Jun
 13-Female Mar/Apr
 14-Female Jan/Feb (2020)

SHORTHORN

15-Female Jan/Feb/Mar (2021)
 16-Female Nov/Dec
 17-Female Sept/Oct
 18-Female July/Aug

19-Female May/Jun
 20-Female Mar/Apr
 21-Female Jan/Feb (2020)

SIMMENTAL

22-Female Jan/Feb/Mar (2021)
 23-Female Nov/Dec
 24-Female Sept/Oct
 25-Female July/Aug

26-Female May/Jun
 27-Female Mar/Apr
 28-Female Jan/Feb (2020)

AOB

29-Female Jan/Feb/Mar (2021)
30-Female Nov/Dec
31-Female Sept/Oct
32-Female July/Aug

33-Female May/Jun
34-Female Mar/Apr
35-Female Jan/Feb (2020)

CROSSBRED HEIFER

36-Crossbred Heifer

COW-CALF

37-Cow-Calf

MARKET ANIMALS

38-Angus
39-Hereford
40-Shorthorn

41-Simmental
42-AOB
43-Crossbred

BEEF SHOWMANSHIP – To be eligible to participate in the showmanship classes Exhibitors must REGISTER for Showmanship class when making their 4-H entries online. Refer to rules for 4-H Showmanship Contests.

- Beginner Beef Showmanship
- Intermediate Beef Showmanship
- Advanced Beef Showmanship

Logan/Menard/Sangamon CAT SHOW

Saturday, July 31, 9:00 AM

Special Events Building (Yellow Door), Logan County Fairgrounds, Lincoln
Superintendent – Jayden Lawrence

Carefully read the Sangamon County 4-H Show Rules on pages 6-8.

1. Completed Cat Project Record book must be submitted by **July 16** to the Logan County Extension Office. The record book can be found online at: <https://go.illinois.edu/lmscatrecordbook>
2. Cats must be a year of age or older to be exhibited.
3. Limit of one cat and one kitten per exhibitor.
4. All cats/kittens must be transported in carriers. Please no collars and/or leashes.
5. **All cats are required to have vaccinations including rabies and distemper. Proof of vaccinations should be presented at check-in on show day.**

Outdoor Cat – Spends more than 50% outside

Indoor Cat – Spends more than 50% inside

Kitten – between the ages of 4 months to a year

DAIRY CATTLE SHOW

Sunday, June 27, 8:30 AM

Sangamon County Fairgrounds, New Berlin
Superintendent – Mary Lou Krueger

Carefully read the Sangamon County 4-H Show Rules on pages 6-8.

CALVES & HEIFERS

General Information:

1. Classes will be offered for all breeds having three or more exhibitors.
2. An exhibitor may show in only one breed.
3. 4-H members may exhibit a total of three animals (including cow classes as well) and not more than two per class.
4. Showmanship award may not be won by previous winner.
5. Health papers are required according to State Health Requirements for exhibition.
6. Animals must be **checked in by 8:00 AM Sunday** and will be released immediately following the show.

The following classes will be available at County 4-H Show:

- a. Dairy Showmanship – Exhibitors must REGISTER for showmanship classes. Refer to rules for 4-H Showmanship Contests.
- b. Guernsey Heifer Calf – born on or after September 1 of the year preceding show
- c. Guernsey Heifer – born on or between September 1 of the second year preceding show and August 31 of the year preceding show
- d. Milking Shorthorn Heifer Calf – born on or after July 1 of the year preceding show
- e. Milking Shorthorn Heifer – born on or between July 1 of the second year preceding show and June 30 of the year preceding show
- f. Holstein Heifer Calf – born on or after September 1 of the year preceding show
- g. Holstein Heifer – born on or between September 1 of the second year preceding show and August 31 of the year preceding show
- h. Jersey Heifer Calf – same as Holstein dates
- i. Jersey Heifer – same as Holstein dates
- j. Brown Swiss Heifer Calf – same as Holstein dates
- k. Brown Swiss Heifer – same as Holstein dates
- l. All Other Breeds Heifer Calf – same as Holstein dates

Logan/Menard/Sangamon DOG SHOW

Dog Obedience, Showmanship, Rally Show & Dog Care Show

Sunday, June 27, 6:00 PM

Sangamon County Fairgrounds, New Berlin

Superintendents – Toni Frank, Tomi Patrick

Carefully read the Sangamon County 4-H Show Rules on pages 6-8.

Dog Show Rules

1. All dogs are required to have rabies vaccinations. (Vaccinations including distemper, parvo and kennel cough are recommended.)
2. Dogs are NOT required to be purebred.
3. Female dogs in season are not allowed in classes or to compete at county or state show. Pregnant or nursing females are allowed only with permission from superintendent.
4. All members are strongly encouraged to attend a dog workshop if offered. Dog Obedience and Dog Showmanship members are asked to attend training sessions that are offered (2/3 of offered is recommended). 4-Hers may attend obedience classes at other venues but it is the 4-Her responsibility to let the dog committee know what level they are working so that the appropriate judges will be available.
5. All dogs must be leashed. No chain leashes. No electronic collars are allowed. However, other types of collars like the prong collar, if approved by the Dog Committee, can be used at the show, but will not be eligible to receive a qualifying score.

6. Behavior problems that cannot be corrected in adequate time may be dismissed by class instructor or superintendent. A dog that shows viciousness towards its handler, judge or other dogs can be excused from show ring.
7. If the dog is leased, a copy of the lease form must be on file in the Extension Office by June 1.
8. It is highly recommended that 4-Her repeat each obedience level till they obtain a qualifying score at the county level and repeat the performance either at State Fair or other venue before moving up to next obedience level. This is only a recommendation and is up to 4-Her to decide what level they want to work on.
9. Any youth enrolled in the 4-H dog project must also complete Quality Assurance & Ethics Certification (QAEC) prior to making county show entries. This training is required once during a 4-H member's career. Online training can be found at <http://web.extension.illinois.edu/gaec/>
10. If selected at Unit Show and "qualify" to exhibit – State 4-H Dog Show will take place Saturday August 28, 2021. Location is the Granny Rose K-9 Enrichment Center, Dixon IL.

Showmanship – exhibitor to be judged on handling skill, knowledge of breed standards of their dog, dog show terminology, and elementary dog anatomy. Judge has the right to question exhibitors in these areas and the right to excuse from further competition dogs in heat, out of control, etc. Dogs will be judged on cleanliness, general health, grooming and teamwork with their dog. Classes will be divided into Junior (ages 8 to 13) & Senior (ages 14 and older). Minimum age for dog to begin is 6 months. The county can be represented at State Fair by one showmen in each class (either the champion or reserve champion) It is highly recommended that 4-Her participate in dog care, unless they are leasing their dog.

Dog Care – classes will be divided into hair types (long, medium and short). Superintendent may choose to combine classes based on number of entries. Members are judged on grooming and knowledge of dog care and grooming. Grooming by professional dog groomers is discouraged. No puppies under six weeks of age (as of March 1) are allowed. This category is NOT ELIGIBLE FOR STATE FAIR.

Dog Obedience

Be prepared to go through the exercises requested by the judge. To advance to the next level, the 4-H member must obtain the points listed for each class. Minimum age for dog to begin is six months. Exhibitors will be divided into the following classes:

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 - (for those students who have scored at least 170 points in either Beginner Novice I or Beginner Novice II in the previous year and have repeated the performance at State Fair or other venue)

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
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 - (for those students who have scored at least 170 points Preferred Novice with the same dog in previous year and repeated the performance at State Fair or other venue)

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, Preferred Open Class, Open Class, Graduate Open Class, Preferred Utility Class, Utility Class (for those students who have scored at least 170 points in a previous class in a previous year) – Information for these classes to be provided upon need/request.

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. Rally rings will be between 2000 x 3000 square feet with a minimum width of 30 feet.
4. 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” signs. Performed on leash.

Rally Intermediate

12-17 signs not including start and finish. Minimum of 3 and maximum of 7 stationary signs, minimum of 3 advanced signs, no jumps. Performed on leash.

GOAT SHOW

Sunday, June 27, 11:00 AM
 Sangamon County Fairgrounds, New Berlin
 Superintendent – Ken Millburg

Carefully read the Sangamon County 4-H Show Rules on pages 6-8.

Latest Starting Date: January 1 for Goat Production and June 1 for Goat Kids

Goat Live Exhibit Information

1. Goats must be **in place by 9:00 AM** on Sunday of the 4-H Show. Exhibitors should check-in with Ken Millburg between 9:00 and 10:00 AM. The Goat Committee must approve requests for late arrival two weeks prior to the show date.
2. Veterinary health papers must be on site for each animal on site.
3. Youth may exhibit up to 2 animals per class; however, premium will be paid on only one animal per class.
4. Dairy does and wethers must be polled (no horns) and slick sheared.

Meat does -fitting/shearing is optional. Meat wethers must be slick sheared. Horns are optional on meat does and meat wethers.

5. All goat project exhibition disputes shall be presented to the Goat Superintendent.
6. Classes may be combined or added at the discretion of the Goat Superintendent to accommodate entered animals.
7. Refer to the Sangamon County 4-H Livestock Sale Rules for goat eligibility information.

A member may choose to exhibit in one or more of the following class designations:

Goat Showmanship – Exhibitors must REGISTER for showmanship classes. Refer to rules for 4-H Showmanship Contests.

- Junior Goat Showmanship
- Senior Goat Showmanship

Dairy Goat Classes

1. Junior Kid (4 months and under)
2. Senior Kid (over 4 months and under 1 year)
3. Dry Yearling (over 1 year and under 2 years)
4. Yearling Milker (over 1 year and under 2 years)
5. Milking Doe (over 2 years and under 4 years)
6. Mother-Daughter
7. Wether 0-6 months
8. Wether 6 months to 1 year
9. Aged Milking Doe- 4 years or older

Meat Goat Classes

1. Junior Kid (0-6 months)
2. Senior Kid (7-12 months)
3. Yearling Doe (13-24 months)
4. Doe (25 months and up)
5. Buck (under 6 months)
6. Buck (over 6 months and under 1 year)
7. Buck (over 1 year and under 2 years)
8. Wether under 6 months
9. Wether (over 6 months and under 1 year)

AOB Goat Classes

1. Doe under 6 months
2. Doe over 6 months and under 1 year
3. Doe over 1 year and under 2 years
4. Doe 2 years and over
5. Wether under 6 months
6. Wether over 6 months and under 1 year
7. Wether over 1 year and under 2 years
8. Wether 2 years and over
9. Buck under 6 months
10. Buck over 6 months and under 1 year
11. Buck over 1 year and under 2 years
12. Buck 2 years and over
13. Mother-Daughter
14. Mother-Son

Logan/Menard/Sangamon HORSE SHOW

Sunday, June 20
Refuge Ranch, Rochester

Carefully read the Sangamon County 4-H Show Rules on pages 6-8.

Youth enrolled in the Horse project will receive further details related to show schedule and requirements when available. Letters and registration information will be mailed to all 4-H members enrolled in the 4-H Horse project as of March 1, 2021. **Registration and additional paperwork (see below) due by May 14, 2021.** Each member must own and exhibit his/her own animal (or lease animal from April 1 to August 31).

In addition to registering for exhibit classes, the following documents are due to the Extension Office:

- A Copy of a Negative Coggins Test Result for Each Horse to be Exhibited
 - Liability and Risk Forms
 - Ownership/Lease forms for each horse to be exhibited
 - 4-H Member Health Form
 - Refuge Ranch Waiver Form
1. Exhibitors WILL NOT be ranked (1st, 2nd 3rd, etc.) as this contradicts 4-H policy. Each exhibitor will be individually rated with an A (Blue) B (Red) or C (White) rating and receive a corresponding ribbon.
 2. Each member will be judged on his/her ability to ride and handle the animal at the 4-H Show.
 3. Members 11 & over - Once the horse is on the show grounds, **only the 4-H exhibitor is allowed to ride the horse or be mounted on the horse.** Members 10 & under may receive riding assistance from their parents/guardians, for example- to calm a nervous horse prior to the start of the show.
 4. Certain classes will be broken into height over 56" and under 56". English and Western will be different classes. Certain classes are broken by rider age into two categories, ages 8-12 and ages 13-18.
 5. Horse/Rider combinations in Walk Trot may not exhibit in any other riding classes at a cantor/lope.
 6. Clothing and equipment must fit the rider/horse properly.
 7. Helmets that fasten must be worn by exhibitors whenever they are mounted during this event. Helmets may be inspected at check-in. Helmets, boots, and jeans are required for all speed events.
 8. An unassisted courtesy circle will be required for all speed classes to show the rider has control of the horse.
 9. A member may exhibit up to five horses at the event. Only one entry per member per class.
 10. 4-H Horse Show Superintendents reserve the right to combine or break classes.
 11. Game Classes **Flags, Poles, Plug Race, Egg & Spoon, **WILL NOT** be premium eligible.
 12. **Trail Classes will run congruently with the show.**
 13. Horse/Rider Combinations in Walk Trot may not exhibit in any other riding classes requiring a canter/lope. Riding Classes that have an * behind their name will NOT REQUIRE A CANTER/LOPE.
 14. Participate in games at the gait you are comfortable with BUT Horse/Rider Combinations entered in WALK TROT PLEASURE Classes must show at WALK-TROT GAIT in games.

Members may choose to exhibit in one or more of the following classes:

1. Open Western Halter 56" and over
2. Open Western Halter under 56"
3. Mini Halter
4. Open Draft Halter
5. Western Showmanship 8-12
6. Western Showmanship 13 -18
7. Open English Halter
8. Hunter Showmanship 8-12
9. Hunter Showmanship 13-18
10. Walk Trot Hunt Seat*
11. Hunter Under Saddle 8-12 58" and over
12. Hunter Under Saddle 13-18 58" and over
13. Hunter Under Saddle under 58"
14. Hunt Seat Equitation on the Flat 8-12
15. Hunt Seat Equitation on the Flat 13-18
16. Walk Trot Equitation on the Flat*
17. Mini Over Fences
18. Hunter Hack
19. Open Driving
20. Walk Trot Gaited*
21. Gaited Pleasure
22. Walk Trot Saddle Seat*
23. Saddle Seat Pleasure
24. Walk Trot Western Pleasure*
25. Open Country Pleasure
26. Western Pleasure 8-12
27. Western Pleasures 13-18
28. Pony Pleasure
29. Walk Trot Horsemanship*
30. Western Horsemanship 8-12
31. Western Horsemanship 13-18
32. Ranch Riding
33. Ranch Reining
34. Western Riding
35. Walk Trot Egg & Spoon
36. Canter Lope Egg & Spoon
37. **Walk Trot Barrels
38. **Barrels 8-12*
39. **Barrels 13-18*
40. **Walk Trot Flags
41. **Flags 8-12*
42. **Flags 13-18*

- 43. Open Plug Race
- 44. **Walk Trot Poles
- 45. **Poles 8-12*
- 46. **Poles 13-18*

- 47. Trail Class 8-12
- 48. Trail Class 13-18
- 49. Mini Trail

For Illinois State Fair Participants: On or before June 1

- Copies of the ownership and/or lease papers, State Fair Entries, and one set of photos must be placed on file with the Extension Office.
- Participants should also submit a set of copies and photos along with their entries/fees to the Illinois State Fair by the posted deadline.

POULTRY/EMBRYOLOGY SHOW
 Sunday, June 27, 10:00 AM
 Sangamon County Fairgrounds, New Berlin
 Superintendents – Dale and Kathy Kloppe

Carefully read the Sangamon County 4-H Show Rules on pages 6-8.

1. Poultry must be **in place by 9:30 AM on Sunday** of the 4-H Show. Poultry are released after the show. No poultry may be kept overnight without proper health records and permission of the superintendent.
2. All poultry project exhibition disputes shall be presented to the Superintendent.

A member may choose to exhibit in one or more of the following class designations:

- **Embryology** – Exhibit a pen of three (born on or after January 1) raised from your project at County Show.
- **Egg Production** – Project members may exhibit the following:
 - One hen in production (any age)
 - One dozen eggs from hens in the project.
- **Poultry Growing** – Project members may exhibit two entries in each of the following classes. Maximum of two breeds of chicken or bantam hatched during the current year (on or after January 1) may be exhibited:
 - Individual Cockerel
 - Individual Pullet
 - Pen of Three – consisting of two pullets and one cockerel. Individual cockerel and pullet may not be used in the pen of three. Members exhibiting in above required classes may also exhibit in the following optional class.
 - Broiler Roasters – Pen of three (only 1 entry allowed in this class). Crossbred class consisting of three pullets. Exhibitor may sell one bird of this pen in the Sangamon County 4-H Livestock Sale. Refer to the Sangamon County 4-H Livestock Sale Rules for poultry eligibility information.
- **Turkeys** – Project members may exhibit the following:
 - One Hen (any age)
 - One Tom (any age)
- **Ducks, Geese or Other Waterfowl** – Project members may exhibit in the following:
 - One female (any age)
 - One male (any age)
- **Poultry Costume Class** – (Exhibits in this class are not eligible for premiums or state fair.) Project members should exhibit a single chicken, bantam, turkey or waterfowl in costume of the members choosing in keeping with the humane treatment of the poultry. The member should be able to explain the reasoning for choosing the costume.
- **Poultry Showmanship** – Exhibitors must REGISTER for showmanship classes. Refer to the rules for 4-H Showmanship Contests.

RABBIT SHOW

Sunday, June 27, 10:30 AM

Sangamon County Fairgrounds, New Berlin
Superintendent – Jerry Hicks

Carefully read the Sangamon County 4-H Show Rules on pages 6-8.

1. Exhibitors are limited to six rabbits, plus one Market Pen.
2. Superintendent will form breed classes, if needed, following check-in.
3. It is the exhibitor's responsibility to provide basic animal health needs for their livestock. Make sure they are properly fed, watered and cooled. Limited plug-ins for fans will be available and frozen containers of water in cages are acceptable to use for cooling.
4. All rabbits must be **in place by 9:30 AM** the day of the show.

Rabbit Classes

- **Jr Buck** (under 6 months)
- **Jr Doe** (under 6 months)
- **Sr Buck** (6 months & over)
- **Sr Doe** (6 months & over)
- **Market Rabbit Pen of Three** – Exhibitors can bring only one market pen of rabbits. After weigh-in Superintendent will break entries into two divisions: Lightweight 3 ¾ lbs. and under, and Heavyweight over 3 ¾ lbs.
- **Rabbit Showmanship** – Exhibitors must REGISTER for showmanship classes. Refer to rules for the 4-H Showmanship Contests.

SHEEP SHOW

Saturday, June 26, 5:30 PM

Sangamon County Fairgrounds, New Berlin
Superintendents – Ethan Krone and Bruce Davis

Carefully read the Sangamon County 4-H Show Rules on pages 6-8.

General Sheep Exhibit Information

Classes are formed once all exhibitors check in and necessary animals are weighed. All market class winners will show for Champion Market Lamb. Animals may only be exhibited in one class.

1. Scrapies Tags and Certificates of Veterinary Inspection are required for exhibit animals.
2. Sheep must be **in place by 3:00 PM on Saturday** of the 4-H Show. **ONE LETTER GRADE WILL BE DROPPED IF LATE AND LATE ANIMALS WILL NOT BE ELIGIBLE FOR CHAMPION DRIVES.** The Sheep Committee must approve requests for late arrival two weeks prior to the show date.
3. Livestock should not be removed from the Fairgrounds until completion of the Round Robin Contest on Sunday, unless approved by the Superintendent. Before leaving the show, all exhibitors **MUST** check with Sheep Superintendent for clean-up instructions.
4. **NO LIVESTOCK** should be loaded during the Livestock Sale.
5. All sheep project exhibition disputes shall be presented to the Sheep Committee.
6. Refer to the Sangamon County 4-H Livestock Sale Rules for sheep eligibility information.

A member may choose to exhibit in one or more of the following class designations. Each of the classes will have sub classes as follows: Hampshire, Suffolk, Southdown, Dorset, Montadale, and Commercial.

- **Market Lamb:** Latest Starting Date: April 1
 - Exhibit 1-2 lambs in the Sangamon County 4-H Market Lamb Classes (can be ewes and/or wethers).

- Lambs shown in the Market Lamb classes are not eligible to compete in other classes.
- Member must be present and exhibit in the Market Lamb Class to be eligible to sell a market lamb at the Sangamon County 4-H Livestock Sale. Members unable to be present must have prior approval from the Sheep Committee to remain eligible to sell.
- All lambs must be docked and males castrated. Lambs must be slick shorn by show day.
- **Ewe Lamb or Yearling Ewe:** Latest Starting Date: May 1
 - Exhibit 1-2 ewe lamb(s) or yearling ewe(s) in the appropriate breed classes at County 4-H Show.
 - Members enrolled in this project may exhibit a maximum of two lambs or yearling ewes in purebred classes or two in grade classes.
- **Ram Lamb:** Latest Starting Date: May 1
 - Exhibit ram lamb(s) in the appropriate class at County Show.
 - Members enrolled in this project may exhibit a maximum of two lambs in purebred classes or two in grade classes.
- **Sheep Production:** Latest Starting Date: January 1
 - Exhibit 1-2 lambs in County 4-H Market Lamb Classes (can be ewes and/or wethers).
 - Exhibit 1-4 ewe lambs or yearling ewes in appropriate breed classes.
 - Exhibit 1-2 ram lambs in appropriate breed classes.
 - Exhibit 1-2 wethers in breed classes. Wethers exhibited in breed classes are not eligible for market lamb classes or to sell in the Sangamon County 4-H Livestock Sale.
 - A member may exhibit only one breed in breed classes.
- **Sheep Showmanship** – Exhibitors must REGISTER for showmanship classes. Refer to rules for 4-H Showmanship Contests.
 - Junior Sheep Showmanship
 - Senior Sheep Showmanship

SWINE SHOW

Saturday, June 26, 6:30 PM

Sangamon County Fairgrounds, New Berlin

Superintendent – Dave Morrison

Carefully read the Sangamon County 4-H Show Rules on pages 6-8.

General Information

1. The Sangamon County 4-H Swine Nomination Form listing ear notch numbers of potential exhibit animals must be submitted by June 1 to the Extension Office.
2. Each pig must be ear notched. Swine with fresh ear notches will be not allowed at the 4-H Show.
3. Swine must be **in place by 3:00 PM on Saturday** of the 4-H Show. ONE LETTER GRADE WILL BE DROPPED IF LATE, AND LATE ANIMALS WILL NOT BE ELIGIBLE FOR CHAMPION DRIVES. The Swine Superintendent must approve requests for late arrival two weeks prior to the show date.
4. ALL swine to be exhibited must have been issued health papers within 90 days of the 4-H Show. Health papers must accompany the animals to the Show.
5. ALL ANIMALS must be brought to scales for processing.
6. All swine project exhibition disputes shall be presented to the Swine Committee.
7. Livestock should not be removed from the Fairgrounds until completion of the Round Robin Contest on Sunday, unless approved by the Superintendent. Exhibitors MUST check with Swine Superintendent for clean-up instructions.
8. NO LIVESTOCK will be permitted to load during the Livestock Sale.
9. Registration papers will be required to accompany any purebred animals.
10. Refer to the Sangamon County 4-H Livestock Sale Rules for swine eligibility information.

NOTE: There are no Boar or Carcass classes in the 4-H Show.

Members may show a TOTAL of 7 animals in the following categories, however only one premium per class is allowed:

- Live Gilt – maximum of 4 live gilts
- Live Barrow – maximum of 4 live barrows
- **Live Gilts** – Members may exhibit a maximum of 4 gilts farrowed after January 1 of current year. *Exhibitor may enter up to three different breeds of gilts – crossbred and/or purebred. Registration papers will be required for all purebred animals or they will be shown as crossbreeds.*
 - Breeds will include Berkshire, Chester White, Duroc, Hampshire, Spot, Yorkshire, A.O.B.
 - Breeds will be divided into the following age/group classes by the superintendents after entries are checked in: Gilts January 2021; Gilts February 2021; Gilts March 1 2021 and after.
 - Commercial or crossbred gilts will be divided by weight.
- **Live Barrows** – Members may exhibit a maximum of 4 live barrows farrowed after January 1 of the current year. *Exhibitor may enter three different breeds of barrows – crossbred and/or purebred. Registration papers will be required for all purebred animals or they will be shown as crossbreeds.*
 - Classes will be divided by weight as determined by the Superintendent.
 - All purebred barrows will show in the purebred category, and commercial barrows will show in the commercial category. Additional classes will be added as necessary.
 - Barrow breeds will include Berkshire, Chester White, Duroc, Hampshire, Spot, Yorkshire, and A.O.B.
- **Swine Showmanship** – Exhibitors must REGISTER for showmanship classes. Refer to rules for 4-H Showmanship Contests.
 - Beginner Swine Showmanship
 - Intermediate Swine Showmanship
 - Advanced Swine Showmanship

LUKE J. GAULE MEMORAL 4-H LIVESTOCK SALE

Sponsored by Sangamon County 4-H Foundation

The Sangamon County 4-H Foundation is planning to hold a modified in-person Livestock Auction on Sunday, June 27, at 6:00 PM, but they are NOT planning to hold the buyer reception this year. (Plans are subject to change depending on COVID guidelines in effect at that time.) When details are available, information will be mailed to members enrolled in livestock projects.

