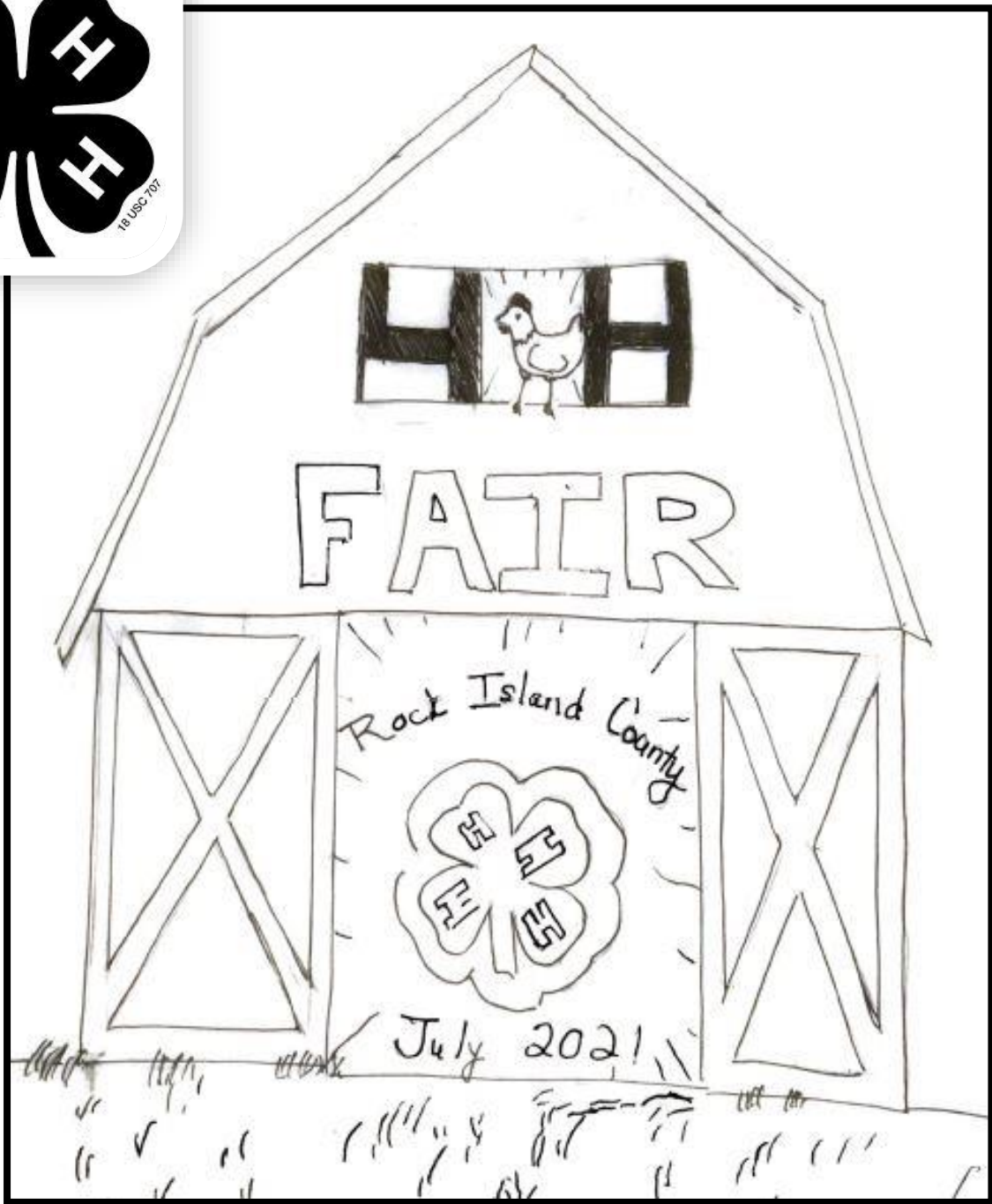


# 2021 Rock Island County 4-H Fair Book



*Cover was created by Bailey Callahan, Magical Muggles 4-H Club*

# Illinois Extension

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To register for all 4-H exhibit opportunities found in this 4-H fair book, go to: <http://faireentry.com> and follow the instructions listed below:

1. Click on "Find your Fair", type Rock Island County in the search box,
2. Under "Sorted by State" select "Illinois" in the Filter by State box.
3. This will generate a box to the right with "Illinois- 2021 Rock Island County Fair along with an image of the 4-H clover.
4. Log in using your 4-H Online password and email. *(If you have forgotten your password, you must reset it in the 4-H Online system before you can continue.)*
  - To reset password go to: <https://il.4honline.com>
  - After you reset your password in 4-H Online, you will need to wait at least 10 to 20 minutes for the change to be reflected in [faireentry.com](http://faireentry.com)
5. Enter all your exhibit classes *(be sure to check the 4-H fair book for all your project requirements before selecting your exhibit class)*. There have been changes made to exhibit classes in several project areas, so look over the rules and regulations carefully.
6. Click on the continue buttons through all the payment screens *(there is no charge to exhibit in 4-H)*. If you want to make changes to your exhibit classes, you have until **June 2, 2021** to do so, by logging back into <http://faireentry.com>

***PLEASE NOTE: Fair class registration closes on June 2, 2020.  
There will be no changes allowed after June 2.***

As always, we depend on volunteers, sponsors, and members to help make the 4-H Shows run smoothly and successfully. Be sure to tell them thanks for all of their efforts before, during, and after the fair.

If you have any questions, please ask your 4-H Leader or contact the Extension office regarding any rules or exhibit requirements. We look forward to seeing your project accomplishments at the 4-H Show.

Good Luck!



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Program Coordinator  
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217-300-8321 or 309-756-9978



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309-932-3447

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

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

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

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

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

1. **Face coverings are required** for all youth, spectators, volunteers, and staff when within the defined 4-H event space (inside or outside)
2. Everyone in attendance will practice social distancing during the event, including maintaining six feet of separation (both indoors and outdoors) from those who are not in their households. To allow for social distancing, building and spectator capacity will 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 (309) 756-9978. 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. 4-H guidelines and county fair guidelines may differ, but we ask that you follow these rules during the 4-H shows.

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

## 2021 4-H SHOW SCHEDULE

Saturday, July 17	General Projects Judging State Fair Selections Public Viewing General Project Check out Dog Obedience Show	8:30 to noon Noon to 12:30 12:30 to 1:30 p.m. 1:30 to 2:30 p.m. 4 p.m.
Monday, July 19	Dairy Check-In Dog Fun Show (In Beef Show Ring)	7 p.m. 5:30 p.m.
Tuesday, July 20	Horse Fun Show Dairy Show Poultry Check-In Poultry Show Sheep Weigh-in	1 p.m. 10 a.m. 1-2 p.m. 2 p.m. 4 p.m.
Wednesday, July 21	Horse & Pony Show Beef Weigh-In Master Showmanship Contest Sheep Show Swine Check-In	9 a.m. 10 a.m. 12:30 p.m. 3 p.m. 5 - 7 p.m.
Thursday, July 22	Swine Show Bucket Calf/Breeding Beef/Steer Show Horse & Pony Show	8 a.m. 9 a.m. 9 a.m.
Friday, July 23	Goat Check-In Goat Show Rabbit Check-In Rabbit Show Set-up for Livestock Auction Livestock Auction for 4-H members	9 a.m. 10 a.m. 1-2 p.m. 2 p.m. 4 p.m. 6 p.m.

State Fair General Projects Conference Judging is Friday, August 13, 2020

Fairgrounds 4-H Office Hours - Hours will be posted on the 4-H Office door.

## GENERAL RULES FOR 4-H SHOW

Exhibitors in the Rock Island County 4-H Show must be 4-H members in Rock Island County. Members wishing to exhibit must have been enrolled in a 4-H Club in Rock Island County and all projects selected by May 1, 2021.

Online registration opens for 4-H fair classes in early April and closes on June 2. To enter go to: <https://faireentry.com> No late entries will be accepted. Enter Pen/Stall information online along with class entries.

All exhibits will be judged at the Rock Island County Fairgrounds July 17-24. Non-livestock (General) projects and livestock project posters will be judged on Saturday, July 17. 4-H EXHIBITS MUST HAVE BEEN MADE DURING THE CURRENT 4-H YEAR. Please keep an eye out for time and details regarding the Rock Island General Project Show.

**Exhibitors may exhibit in any or all project areas enrolled in, but may ONLY EXHIBIT IN ONE PROJECT LEVEL.**

**For example:** Exhibitor is enrolled in Woodworking, Robotics, and Technologies. Exhibitor may enter the following fair classes: Woodworking 3, Robotics 1 Intermediate, and Technologies 3-D Design Beginner. Cannot enter Woodworking 2 and Woodworking 3, Robotics 1 Beginner and Robotics 1 Intermediate, Technologies 3-D Design Beginner and 3-D Design Advanced. Exhibitors must be enrolled in the Visual Arts project categories in which they are exhibiting. Maximum of three entries per category with a maximum of 15 total visual art entries. Exhibitors will only receive premiums for one entry per category. \* Please note -**County only projects are not eligible for State fair and DO NOT receive premiums.**

Judges will select State Fair delegates after judging. Please DO NOT remove any exhibits that are chosen for State Fair until they have been recorded! If you do *not* plan to exhibit please notify your 4-H Leader or the Extension Office.

ALL GENERAL PROJECT EXHIBITS MUST REMAIN ON DISPLAY AND MAY NOT BE PICKED UP UNTIL after Extension staff allows. If you cannot pick up your exhibits, please make arrangements with friends or family or your 4-H Leader.

Exhibits illustrating inappropriate subject matter and/or graphics are not acceptable. The Superintendents reserve the right to not display exhibits deemed inappropriate for youth audiences. Items deemed potentially dangerous to fair-goers may be removed from the exhibit.

All exhibits in the 4-H Show will receive ribbons indicating their ratings of "blue", "red" or "white". Cloverbud members will receive participation ribbons. **Cloverbuds are NOT eligible for premiums.**

ALL DECISIONS OF THE JUDGE ARE FINAL. Any problems arising during the show NEED to be brought to the attention of the Extension Staff or Superintendent to be addressed. At NO time should they be taken to the judge. Extension staff will address issues with the judge.

If a reasonable accommodation is needed to participate in the 4-H show, please contact Jennifer Peterson, 4-H Educator, at (309) 932-3447 or [jpetersn@illinois.edu](mailto:jpetersn@illinois.edu) at least **two weeks** prior to the event.

All 4-H members must abide by the 4-H Behavior Guidelines for participation at 4-H events. Members not abiding by these rules will be subject to provisions outlined in the guidelines.

University of Illinois Extension does not encourage participants to stay overnight at the fairgrounds either before or after 4-H shows and events you participate in. If you choose to engage in this activity, you will be doing so at your own risk.

Suggestion: Because of the dust and dirt at the fairgrounds, you may wish to cover general project exhibits with plastic to help protect your exhibit.

## LIVESTOCK RULES

Illinois Department of Agriculture Livestock Health Requirements will be enforced. If you have questions, contact your veterinarian. Livestock must be in place according to check-in time. Purebred, grade or crossbred animals may be exhibited in the 4-H show.

Exhibitors must bring livestock health papers to the County Fair Office by 10 p.m. the day your animals check in. Health papers may be picked up at the Fair Office after approval of the DVM. For the safety of all other animals, livestock requiring health papers are not allowed on the fairgrounds without proper health checks. *Animals are NOT to be unloaded without proper health papers.* ANIMALS BROUGHT TO THE FAIR SICK WILL BE SENT HOME.

The 4-H member is expected to exhibit his/her animal, unless he or she is showing a different animal at the same time. In that case, a fellow Rock Island County 4-H member (excluding Cloverbuds) should show the animal. No person, except exhibitors, will be permitted in the ring while animals are being judged. The exhibitor is responsible for having livestock in the show ring at the time classes are called. (Parents should not prompt 4-Hers when they are in the show ring.)

Showmanship Classes – In this class, the member exhibits his/her ability to show the project. Therefore, no consideration is given to the breed or type of animal; only the grooming, conditioning, and handling of the animal. The member may only win an age class once. After winning an age class, the member must compete in the next age class until they either win that age class or age out of that level. This is a non-premium class. Exhibitor numbers are needed ONLY for horse exhibitors and can be picked up at the Horse Barn.

All exhibitors of animals at any Illinois fair or exhibition shall comply with the provisions of the Illinois Humane Care for Animals Act. If violations are observed, the animal(s) will be excused from exhibition and be ordered removed from the fairgrounds with all awards being forfeited.

All livestock exhibited must have been fed by, cared for and been the property of the exhibitor during the required tenure of ownership and this project has not been cared for by a professional fitter or maintained at a professional fitter's facilities. Any time this project is at a professional fitter for more than one day it is cause for disqualification.

Please pay special attention to livestock check-in times as some have changed. No animal will be allowed on the grounds prior to their specified check-in time.

Cloverbud members or are NOT allowed to exhibit livestock.

## STATE FAIR ENTRY DEADLINES

All State Fair horse entries must be to the State Fair Office no later than June 1, along with ownership papers and a set of color pictures.

All State Fair livestock entries (except horses) must be to the State Fair Office no later than July 1.

All State Fair dog entries must be to the County Extension Office no later than August 1.

All State Fair livestock admission tickets MUST be ordered through the Illinois State Fair entry form.

All State Fair general project exhibitors must contact the Extension office to order State Fair admission by July 19, 2021. All tickets must be paid for before they will be ordered.

## RULES FOR LIVESTOCK AUCTION FOR 4-H MEMBERS

Committee Chair: Blair Blaser

Auction to be held in main Show Arena Friday, July 23

Set-Up at 4 p.m.; Auction at 6 p.m.

- **4-H'ers wishing to sell their livestock must signify their intention when submitting fair entries.**
- All members must retain ownership of animals.
- Animals MUST have participated in the 4-H show to sell at this auction.
- Disqualified animals may not sell at this auction. Judges, Superintendents and Auction Committee may also prohibit animals from being sold.
- 4-Hers will have FULL responsibility for animals sold at auction until settlement has been made.
- Animals will not be released until settlement has been made.

- All settlements must be made on day of sale.
- 4-H members may not sell livestock in two different counties.
- A 7% commission on animals sold at auction will be deducted.
- Each 4-H member may only sell ONE animal in any species.
- 4-H'ers are encouraged to promote the Livestock Auction for 4-H members wherever they do business. A larger number of buyers could help increase the value of the livestock.
- 4-H'ers must personally thank buyers and send a thank-you note to buyers before receiving auction checks. Thank you notes will be available at the Fair Office; members must write a thank you note and return it to the Rock Island County Fair Office, who will forward them to the buyer. Checks will not be issued until thank you notes are received at the Fair Office.

## STATEMENT OF PREMIUMS

4-Hers will be paid only ONE PREMIUM PER QUALIFYING STATE FAIR CLASS. COUNTY ONLY PROJECTS are not eligible for premiums. This is a recent clarification and update on the Agricultural Premium Fund rules according to the Illinois Agriculture Bureau of County Fairs. Hiring of judges, space allocations and trophies purchased are based on class entries.

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 be adjusted accordingly.

Premiums will be calculated using an "X" factor. Exact amounts will not be known until after exhibitions. Premiums will be paid at varying levels as follows:

Level 1: Beef, Dairy, Dog Obedience, Goat, Horse, Poultry, Rabbit, Sheep, Swine

Level 2: General Projects

Level 3: Non-APF Projects

### **Tax Implications for Prizes, Gifts or Awards**

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

## The Rock Island County 4-H Show Risk Management Plan

The Rock Island County 4-H Show Risk Management Plan is a document, which outlines the efforts, strategies, and guidelines established and carried out by University of Illinois Extension staff, the 4-H volunteers, and 4-H youth to reduce risk and help handle emergencies concerning our participation in the Rock Island County Show. The Plan was developed through reviewing each of the specific aspects of the show, and then creating a document based on those findings.

### **INSURANCE AND GENERAL LIABILITY**

All 4-H volunteer leaders who are enrolled in the 4-H program have secondary general liability coverage insurance through University of Illinois. This coverage is provided when they are conducting or being involved in a 4-H activity that extends the educational service of U of I Extension to the 4-H clientele. Volunteers also need to carry liability and medical coverage as a part of their auto insurance, to be used in instances where they are transporting riders, equipment, or animals in their own private vehicles.

University of Illinois Extension purchases liability insurance coverage for horse show activities, which include jumping and gaming. This does not contain primary accident insurance for 4-H participants. The insured are the Unit Council members and adult 4-H volunteers. The Office of Risk Management recommends that all 4-H participants purchase "Special Activities" insurance if they are involved in gaming and jumping or other situations involving similar level of risk.

A Rock Island County 4-H Show Risk Management Plan, including an Emergency Action Plan, has been established as of July, 2001, and is reviewed annually.

**DISCLAIMER:** This document only refers to the 4-H activities, events, and actions of 4-H volunteers, 4-H enrolled membership, and University of Illinois Extension at the Rock Island County 4-H Show. It does not address or include in its prevention the activities and actions of the Staff, volunteers, and youth and/or adult participants in non-4-H activities.



## RISK REDUCTION STEPS

### GENERAL OPERATIONS

1. Rock Island County Fair Association will do a grounds safety check, to make sure facilities are ready to receive participants and animals.
2. The police, sheriff, and fire department will have been notified of activities planned. A veterinarian is available; check with the Fair Office for more information.
3. All pertinent forms, i.e., animal treatment and release forms, accident report forms, and show rule forms, will be easily accessible at the 4-H Show Office during 4-H Office hours.
4. All animals will be unloaded in designated areas. Members, parents and leaders are to make sure paths are clear of public traffic when unloading.
5. All livestock should unload immediately in front of the appropriate barn leaving the front road clear for trucks to exit fairgrounds.

### RISK TO PERSONNEL

All 4-H Show committee chairs will be trained, prior to show, on the following issues:

- liability issues
- animal rights issues
- risk management plan
- handling of grievances
- insurance issues
- emergency action plans
- their role as committee member

All committee chairs and organizational leaders will read and be familiar with the "Rock Island County 4-H Show Risk Management Plan." All committee members will be asked to observe carefully the skills of members in handling their equipment and their animals around other 4-H members and the public. If the safety of the 4-H member, the animal, or the public is in danger, the committee member has the right to take preventive action. All committee chairs and 4-H volunteers will be asked to report to the 4-H staff any suspicions they have of child abuse, drug or alcohol abuse, theft, or any other inappropriate behaviors.

### RISK TO PARTICIPANTS

1. All 4-H members will abide by the 4-H Behavior Guidelines for participation at 4-H events. Members not abiding by these rules will be subject to provisions outlined in the guidelines.
2. All 4-H exhibitors will be told WHERE and to WHOM to go to regarding first aid treatment for participants and vet care for their animals. A First Aid kit is available at the 4-H Show Office during business hours. Vet care information will be provided through the Fair veterinarian.
3. All 4-H exhibitors will be told the emergency action procedures and evacuation plans used with regard to natural disasters, missing persons, and major accidents or injuries. Signs are also posted.
4. All 4-H exhibitors will be educated on how to deal with animal rights issues and people at shows.
5. The auction rules are explained to 4-H exhibitors in the show book.
6. Prior to showing their 4-H animals, 4-H club leaders and/or show committee members will be asked to walk members and parents through the process of showing their animal project at the county show, pointing out:
  - how and when to leave stall or pen area
  - where to stand or wait for entry into show arena
  - who can wait with you and/or help you with your animal
  - equipment needed and/or allowed in show arena
  - how to enter and leave show arena
7. 4-H members will be warned not to hold water fights at the show, unless it is a scheduled adult-supervised activity held in a designated area away from major public usage.
8. 4-H members will be told what is appropriate at evening activities, to move about the fairgrounds in groups of 2 or 3, especially at night, as a safety measure.
9. 4-H members will be told to keep obstacles out of the aisle, make sure animals are securely tied or in their pen, and have kept grooming chutes and stands in out of the way places to facilitate safe public traffic flow.
10. 4-H members will be encouraged to do the work with their own animal with minimal assistance from their parents for safety and control of the animal. Giving control of the animal to a person not familiar with that species should be limited to reduce risk of having animals out of control, such as at wash racks, grooming, and moving animals.

### RISKS TO PROPERTY/BUILDING/EQUIPMENT DAMAGE

1. Any act of vandalism or damage to buildings caused by 4-H participants or animals, will be reported to the show office.
2. Death, illness or injury of an animal is the liability of the owner.
3. Stolen equipment or exhibits is a risk taken on by the exhibitor. Exhibitors are reminded to label all of their equipment, keep it in a locked box when not in use, and keep track of it if exhibitors lend it out. Observers are scheduled to be working in the exhibit buildings.

## EMERGENCY ACTION PLANS

### MAJOR ACCIDENT OR INJURY

1. Major accidents or injuries will be reported to the County Fair Office.
2. For accidents that happen during a 4-H show, County Fair personnel or other designate will determine who is to go to the fairgrounds entrance to direct the ambulance to the emergency site.
3. After emergency situation has occurred and been handled, the County Fair personnel will gather affected 4-H members and update the situation.

### MISSING PERSON (during 4-H Show hours)

1. Missing persons will be reported to the County Fair Office immediately.
2. Announcements regarding missing person will be announced at each event.
3. If the person does not show up, County Fair staff will gather facts on missing person; i.e. recent activities, location last seen, clothing description, special medical problems of missing person, etc.
4. County Fair staff, Extension staff or designated others will direct a preliminary search of the grounds. The search will begin where the missing person was last seen.
5. If preliminary search fails, County Fair staff, Extension staff or 4-H volunteer will call Police: 911.
6. If Extension staff is not present, they will be contacted by 4-H volunteers and briefed of the situation. These numbers can be obtained from the Fair Office.
7. County Fair staff, Extension staff, 4-H volunteer or other designate will notify parents of missing person.

### MAJOR FIRE

1. In case of fire, call 911, and then report incident to fair office and Extension staff.
2. The show committee members will see that the building or area is evacuated and all participants are gathered in the specified area.

### TORNADO WARNING or SEVERE WEATHER

1. The Extension staff and 4-H volunteers will be notified of tornado, if sirens have not been sounded.
2. The staff, volunteers or other designates will evacuate all persons to Building 1, Building 2, Davis Hall, or the Grandstand Building.
3. The staff, volunteers or other designate will take an initial head count, if possible.
4. The staff, volunteers or other designate will make a decision when it is safe enough to return to other activities.

Extension staff and 4-H Superintendents will reserve the right to release animals accordingly in regards to the animal's safety and wellbeing (i.e. excessive heat.) Please contact the 4-H Extension Staff or the 4-H Livestock Superintendents with any questions.

## 2021 EXHIBITION LIVESTOCK HEALTH REQUIREMENTS

### GENERAL REQUIREMENTS

1. Exhibitors are required to familiarize themselves with all rules applicable to their exhibits.
2. All out-of-state animals shall require an entry permit. Entry permit numbers are available by calling the Illinois Department of Agriculture, Monday through Friday from 8 a.m. to 4:30 p.m., at (217) 782-4944. Permits may also be obtained online at: <http://www.agr.state.il.us/AnimalHW/animalregistry/login.php>
3. All animals shall be officially identified. The animal(s) official identification shall be recorded on the CVI.
4. If animals are from tuberculosis accredited, brucellosis certified, pseudorabies qualified, or brucellosis validated herds, the identifying herd number(s) along with the date of the last herd test(s) shall appear on the CVI.
5. CVI for out-of-state livestock shall be void thirty (30) days after issuance.
6. CVI for Illinois-origin livestock shall be void ninety (90) days after issuance.
7. All livestock shall be subject to examination upon entry to any Illinois fair or exhibition. Any animal showing evidence of infectious, contagious or communicable diseases shall be immediately withdrawn and held in quarantine at the owner's risk and expense until properly treated and recovered, or until the animal is released to return to the owner's premise. Any livestock infected with scabies, mange, active lesions of ringworm, sore mouth, or multiple warts, which are easily visible without close examination will be removed from the grounds.

The most up-to-date individual specie health requirements can be found linked at the bottom of this site:

<https://4h.extension.illinois.edu/programs/animal-sciences/livestock-issues>

## 4-H BEEF SHOW

Superintendent/Committee: Cody Bennett (309) 236-2771; Blair Blaser (309) 372-8267

Check-in: Wednesday, July 21 at 8 a.m., Steers weighed at 10:00 a.m.

Show Schedule: Thursday, July 22 – Bucket Calf Show at 9 a.m. followed by Breeding Beef and Steers

Released: Friday, July 23, following Livestock Auction

### General Rules:

1. Comply with the current year's Illinois Department of Agriculture Exhibition Livestock Health Requirements.
2. Completed the Youth for the Quality Care of Animals (YQCA) by June 1.
3. List Stall/Pen information in the appropriate place at fairentry.com before June 1.
4. Artificial color added to the hair of the animal is not permitted.
5. No false tail heads will be permitted.
6. No professional fitters may be used for 4-H animals.

### Beef Breeding Rules:

1. Breeding classes will be shown by breeds.
2. Heifers can only be shown in one class, unless being shown in Pair of Heifers class.
3. Heifers and cows must be owned by 4-Her or member of his/her immediate family. Registration papers should accompany heifers at check-in.
4. Heifers and cows must have been cared for by exhibitor since March 1.
5. Pair of Heifers class – heifers must have been shown by 4-H member in heifer class.
6. Rock Island County Breeder's Cup – This class is only open to a purchased purebred heifer from an approved Rock Island County purebred beef breeder prior to the 4-H ownership deadline. Heifers must be registered in 4-H member's name. All heifers purchased are eligible to show in the regular 4-H class in addition to this class.

### Breeding Classes: Angus, Hereford, Shorthorn, Simmental, Crossbred, All Other Breeds

- Jr. Heifer Calf: 1/1/21 – 6/30/21
- Sr. Heifer Calf: 9/1/20 – 12/31/20
- Summer Yearling Heifer: 5/1/20 – 8/31/20
- Late Junior Yearling Heifer: 3/1/20 – 4/30/20
- Jr. Yearling Heifer: 1/1/20 – 2/28/20
- Sr. Yearling Heifer: 9/1/19 – 12/31/19
- Cow: Born before 9/1/19
- Jr. Bull Calf: 1/1/20 – 6/30/21
- Pair of Heifers
- Cow-Calf Class
- Rock Island Breeders Cup

### Market Heifer Rules:

1. Market heifers must be born after January 1, 2020.
2. Each exhibitor may show a maximum of three market heifers.
3. Market heifers will show by weight; with classes divided by appropriate weights.
4. No bred classes will be shown. No breed classifications will be utilized.
5. All heifers must be confirmed open/not in calf, prior to arrival or subject to examination at ISF (at exhibitor's expense).
6. **CVI's for ALL Heifers must be dated within 30 DAYS of the show.**
7. All Market heifers must have all milk teeth in place.

### Steer Rules:

1. Steers will be divided according to weights and number of entries and must be born on or after January 1, 2019. Steers will be shown by breed.
2. All steers will be weighed on Wednesday, July 21 at 10 a.m.
3. Steers must have a tattoo from the county weigh-in.
4. A steer can be shown only once. A steer entered in more than one class (except for Pen of 3) will be disqualified.

**Steer Classes:** Born on or after January 1, 2020 (may enter up to 3 steers in this class). Steers will be shown in the following classes: Angus, Hereford, Shorthorn, Simmental, Crossbred, All Other Breeds  $\frac{3}{4}$  blood.

**Bucket Calf Rules:**

1. The Bucket Calf may be an orphan or newborn calf; male or female, fed on bucket or bottle.
2. The Bucket Calf project is for 1st and 2nd year beef project members.
3. 4-H'er is limited to two calves only.
4. Calf should be at least 60 days old. Calf should have been purchased between January 1 and May 1 of current project year and should have been selected within two weeks of birth. (Maximum birthday: January 1, 2020)
5. Calves will be halter broke and able to tie.
6. Bucket calves will be shown only once, either as Bucket Calf or Junior Heifer during the 2020-2021 year.
7. Second year bucket calves may be shown as bucket calves and steers/heifers during the same year.
8. Bucket calves will be judged with conference method and on presentation of animal.

**Classes:**

Bucket Calf-1st Year

Bucket Calf-2nd Year, Yearling Return (This is the same calf that was shown in 1st year.)

The Bucket Calf classes will be additionally sponsored by River Valley Cooperative. All participants will receive t-shirts. The winner of each class will receive \$100 and second place will receive \$50.

**Non-Livestock Exhibits** will be judged with Animal Science projects on Saturday, July 17 during General Project Judging. Poster or completed project – Youth involved in a beef project without the benefit of a live animal are encouraged to attend the show. You can show a poster or animal but not both.

**Showmanship Classes:** The member may only win an age class once. After winning an age class, member must compete in the next age class until they either win that age class or age out of that level. No premiums.

- Junior Showmanship: 8-10 years old as of September 1, 2020
- Intermediate Showmanship: 11-14 years old as of September 1, 2020
- Senior Showmanship: 15-19 years old as of September 1, 2020

## 4-H DAIRY SHOW

Superintendent/Committee: Jim Bohnert and Wanda Bohnert – (309) 496-2086

Check-in: Monday, July 19 by 5 p.m.

Show Schedule: Tuesday, July 20 at 10 a.m.

Released: All Dairy released and removed by 7 p.m. Wednesday, July 21

**Rules:**

1. Comply with the current year's Illinois Department of Agriculture Exhibition Livestock Health Requirements.
2. Completed the Youth for the Quality Care of Animals (YQCA) by June 1.
3. Send the Stall/Pen Information Form included with fair entries via fairentry.com.
4. Exhibitors are limited to 2 entries in each class but will be paid only one premium per class.
5. Ownership deadline of May 1.
6. All dairy breed classes will be shown together.

**Classes:**

- Jr. Heifer Calf: Born 12/1/20 - 5/31/21
- Sr. Heifer Calf: Born 9/1/20 - 11/30/20
- Summer Yearling Heifer: Born 6/1/20 - 8/31/20
- Jr. Yearling Heifer: Born 3/1/20 - 5/31/20
- Winter Yearling Heifer: Born 12/1/20 - 2/28/20
- Sr. Yearling Heifer: Born 9/1/19 - 11/30/19
- 2 Year Old Cow: Born 9/1/19 - 8/31/19
- 3 Year Old Cow: Born 9/1/18 - 8/31/18
- 4 Year Old Cow and older: Born on or before 8/31/17

**Non-livestock Exhibits** will be judged with Animal Science projects on Saturday, July 17 during General Project Judging. Poster or completed project – Youth enrolled in Dairy without the benefit of owning an animal are encouraged to attend the show. Youth can show a poster or animal but not both.

**Showmanship Classes:**

The member may only win an age class once. After winning an age class, member must compete in the next age class until they either win that age class or age out of that level. This is a non-premium class.

- Junior Showmanship: 8-12 years old as of Sept 1, 2020
- Senior Showmanship: 13-19 years old as of Sept 1, 2020

## 4-H GOAT SHOW

Superintendent: Kevin Ihms – (563) 299-2193

Check in: Wednesday, July 21, 5-7 p.m.

Show Schedule: Friday, July 23 at 9 a.m.

Released: Friday, July 23, after Livestock Auction

### Rules:

- Comply with the current year's Illinois Department of Agriculture Exhibition Livestock Health Requirements.
- Completed the Youth for the Quality Care of Animals (YQCA) by June 1.
- Submit the Stall/Pen information via [fairentry.com](http://fairentry.com) by June 1.
- Ownership dates: April 1. Milking Does: January 1.

### Dairy Goat Classes:

- Wether – All ages
- Spring Doe Kid – 5 months and under (born after 1/1/21)
- Fall Doe Kid – 6 months to 1 year (born before 1/1/21)
- Dry Doe Yearling – 1 year
- Milking Doe (milk out night before judging; can be milked a little in the morning for relief) 2-4 years
- Milking Doe – 4 years and older
- Mother and Daughter
- Buck – under 1 year
- Buck – 1-2 years

### Market/Meat Goat Classes:

- Wether – All ages
- Yearling Class – 1 year and under 2
- Spring Doe Kid – 5 months and under (born after 1/1/21)
- Fall Doe Kid – 6 months to 1 year (born before 1/1/21)
- Aged Meat Doe Goat – over 1 year and under 2
- Aged Meat Doe Goat – 2-3 years
- Mother and Daughter
- Buck – under 1 year
- Buck – 1-2 years

### Pygmy Goat Classes:

- Junior Doe Kid, under 5 months of age
- Intermediate Doe Kid, 5 months to 1 year
- Senior Doe Kid, 1 year to 2 years

### THESE CLASSES MUST HAVE FRESHENED

- Freshened Doe, under 24 months
- Two Year Old Doe, 24 months to under 36 months
- Three Year Old Doe, 36 months to under 48 months
- Four Year Old Doe and Over, 48 months and over
- Market Wether

**Non-Livestock Exhibits** will be judged with Animal Science projects on Saturday, July 17 during General Project Judging. Poster or one completed project – Youth enrolled in goats without the benefit of owning a live animal are encouraged to attend the show. Youth can show a poster or animal but not both.

**Showmanship:** The member may only win an age class once. After winning an age class, member must compete in the next age class until they either win that age class or age out of that level. No premiums.

- Junior Showmanship: 8-10 years old as of September 1, 2020
- Intermediate Showmanship: 11-14 years old as of September 1, 2020
- Senior Showmanship: 15-19 years old as of September 1, 2020

## 4-H HORSE AND PONY SHOW

Superintendent/Committee: Sarah Carls – (309) 236-9504; Pam Berenger – (309) 235-3170; Chris Taylor – (309) 314-7350

Horses **MUST** Check in Monday, July 13 by 10 p.m. Show Schedule:

- Tuesday, July 20 at 10 a.m. – Fun Show;
- Wednesday, July 21 at 9 a.m. – 4-H Horse Show;
- Thursday, July 22 at 9 a.m. – 4-H Horse Show

Released: All horses released after 6 p.m. on Friday, July 23. (In the event of rain, horses will not be released until after the events have been completed.)

A certificate of ownership and/or lease forms, along with three pictures, for ALL horses must be turned in to the Extension Office by May 1.

### Rules:

1. Comply with the current year's Illinois Department of Agriculture Exhibition Livestock Health Requirements. **A PHOTOCOPY OF YOUR NEGATIVE COGGINS TEST SHOULD BE PLACED BEHIND YOUR STALL CARD.** You are responsible for providing all of your own copies. All horses stabled outside of Illinois are required to have a Certified Vet Inspection within 30 days before arriving at the fairgrounds.
2. Horses or ponies not cared for properly while at the fair will be sent home.
3. No rope type hay bags for feeding horses or ponies will be allowed.
4. No hay or horse feed may be stored in the barn. Bedding must be kept in a closed stall.
5. Horse and pony stalls are to be cleaned daily by 10 a.m. Stalls must be stripped before you leave on the last day.
6. No stallions can be shown other than a suckling colt.
7. Classes will be shown according to the show bill in the Horse Barn.
8. CLASSES YOU ENTER ONLINE ARE THE CLASSES IN WHICH YOU WILL EXHIBIT (except for the call back classes). There will be no write-in entries allowed.
9. **Each member may bring one horse**
10. Ponies will be animals measuring 56" and under. Horses are animals measuring over 56".
11. Ponies and any small horses must be measured in the Horse Barn prior to show day by the Superintendents.
12. The age of the 4-H member will be considered as of September 1, 2020.
13. Attire will be jeans of any color and long sleeved shirts for all classes except English and Costume. Jeans, long sleeved shirt, and western hat or helmet is required for halter class. **All mounted exhibitors must wear protective headgear with safety harness (fastened and buckled).** These helmets must meet ASTM/SEI standards.
14. Any exhibitor riding a horse on the fairgrounds at any time (except in classes designated as bareback classes) is required to wear an approved helmet with safety harness fastened and shoe or boot with a heel and must ride with a saddle and bridle. Bareback riding will not be allowed on the fairgrounds at any time.
15. The project horses' pictures, ownership/lease and registration papers must be turned into the Extension Office by May 1, to make those horses eligible for the 2021 fair. Horse substitutions will be accepted only in the event of lameness or medical problems per veterinary certification. Horse substitutions must be made from the list of horses given to the Extension Office by May 1. Only in the event of the death, lameness or veterinary certified medical problem of all horses listed on the leader's list will a 4-Her be allowed to purchase and enter a new horse.
16. Leaders of horse 4-H clubs will have final determination of where horses and ponies are stalled.
17. No riding in the barn, in front of the barns (north of the barn) or on roads!
18. No water, mud or shaving cream fights!
19. Current AQHA and AHSA rules apply in all cases where 4-H rules do not apply.
20. The barn will be closed each evening at 10:30 p.m.
21. Horses are to be ridden by 4-H member only, until the conclusion of the 4-H Horse Show on Thursday, unless special permission is given by barn superintendents because of concern for 4-H members' safety.
22. **To maintain a safe environment for the 4-H members, the horses, parents and spectators, all horses need to be under control at all times or you may be asked to leave the fairgrounds.**
23. Participants waiting to enter a class will be held in the warm up arena or behind the fence at the rear of the barn. Please do not enter the arena until told to do so and after the previous class has safely exited the arena. These rules also apply to classes with only one participant in the arena at a time. This enables us to have a safe environment for all involved.
24. The arenas are to be used for riding and lunging. If, under certain circumstances, a horse is turned out in the arena, the member must remain present and have "eyes on" the entire time. Member must vacate the arena immediately to make it available to a rider.

25. **The judge(s) will be advised to use their discretion to determine if a situation and/or animal is deemed unsafe.**
26. All 4-H horse exhibitors registered in hunt seat equitation over fences classes will be shown the jumping course before competition and be allowed a warm up jump. Care will be taken in laying out the course to ensure safety.
27. "Kicking" horses must wear a red ribbon in their tail.

**Classes:** In Horsemanship and Equitation classes, the ability of the exhibitor to handle the horse will be the main consideration in judging the classes. In pleasure classes the horse will be judged on manner, way of going, and suitability to ability and size of the rider. In neither case will the horse be judged on conformation or breed type. Contest classes will be judged mainly on time. Halter classes will be judged on a combination of grooming and conformation; Showmanship Classes will be judged on grooming, presentation, and showmanship by the 4-H Member.

### Wednesday, July 21 – 9 a.m. – Day 1

Halter Classes:

1. Pony at Halter, 56" and under (all age 4-H'ers)
2. Horse Mares at Halter (all age 4-H'ers & all age Mares)
3. Horse Geldings at Halter (all age 4-H'ers & all age Geldings)

Showmanship: You must enter one of these classes to be eligible for the Showmanship Award, no callbacks!

This is a non-premium class.

4. Novice Showmanship: **Members** (not horse and rider combination) never having placed 1<sup>st</sup> in an Open or 4-H Show, you may also exhibit in your age showmanship class.
5. Showmanship: 14 years old and over as of September 1, 2020.
6. Showmanship: 8-13 years old as of September 1, 2020.

English Classes:

(On Tuesday evening, there will be a designated time for schooling over jumps. Schooling for those signed up in jumping classes only. This time will be announced the week of fair.)

7. English Walk Trot
8. English Pleasure/Hunter Under Saddle (14 and over)
9. English Pleasure/Hunter Under Saddle (8-13)
10. Hunter Hack
11. Cross Rail

Horsemanship and Equitation: The judge will select one 4-H'er as the top horseman in each age group. The names of the 4-H'ers nominated by the judge to compete for the Horsemanship Award in each age group will be announced after each Horsemanship/Equitation class. Those called back will be judged again for the Best Horseman awards.

12. English Equitation: 14 years old and over as of September 1, 2020.
13. English Equitation: 8-13 years old as of September 1, 2020.
14. Beginning Pattern Riding (Leaders have the revised Pattern – Optional Tack)
15. Trail Class (Optional Tack)
16. Novice Walk Trot (Optional Tack)
17. Novice Pleasure (Optional Tack)

\*Novice Walk Trot and Novice Pleasure classes are for **Members** (not horse and rider combination) of any age who have never won a FIRST PLACE at an OPEN OR 4-H SHOW in a Horsemanship, Equitation, Walk Trot, or Pleasure class prior to sign-up date. (Exhibitors showing in this class are not eligible to show in other Pleasure classes.)

Horsemanship:

18. First Year Member Horsemanship (Horse or pony, optional tack)
19. Western Horsemanship: 14 years old and over as of September 1, 2020 (Horse or Pony)
20. Western Horsemanship: 8-13 years old as of September 1, 2020 (Horse or Pony)
21. Western Novice Horsemanship: For **Members** (not horse and rider combination) of any age that have never won a FIRST PLACE at an OPEN or 4-H SHOW in a Horsemanship or Pleasure class prior to sign-up date. Exhibitors showing in this class are not eligible to show in other Horsemanship classes.

Best Horseman: (Judge will call back those eligible. Must exhibit horse that you were called back on.)

14 years old and over (Call back from classes 12, 18, 19, 21)

8-13 years old (Call back from classes 13, 18, 20, 21)

Western Pleasure:

22. Western Walk Trot
23. Pony Pleasure: All age 4-H'ers and Ponies

24. Western Pleasure: 4-H'ers 14-18 year old as of September 1, 2020
25. Western Pleasure: 4-H'ers 8-13 years old as of September 1, 2020

Other:

26. Costume

### **Thursday, July 22 – 9 a.m. – Day 2**

Competition Classes: A High Point Competition Award will be awarded to the competitor earning the most points in the classes marked with an (\*).

Tuesday following the Fun Show, 4-H'ers may practice bareback riding for Ride-A-Buck. Practicing is for those enrolled in Ride-A-Buck only. You must walk your horse into the arena and then get on.

1. Egg & Spoon
2. Pole Bending (\*) 14 and over
3. Pole Bending (\*) 8-13
4. Texas Barrels (\*) 14 and over
5. Texas Barrels (\*) 8-13
6. Barrels (\*) 14 and over
7. Barrels (\*) 8-13
8. Flag Race (\*) 14 and over
9. Flag Race (\*) 8-13
10. Plug Race (\*) 14 and over
11. Plug Race (\*) 8-13
12. Catalog Race
13. Ribbon Race
14. Crawl through the Barrel
15. Ride-A-Buck
16. Bribe Your Horse (Exhibitor on foot bribes horse around a barrel & back across finish line. Bring your favorite treat. Out of concern for the safety of the members, and others present, another animal may not be used as the treat or bribe.)

**Non-Livestock Exhibits** will be judged with Animal Science projects on Saturday, July 17 during General Project Judging. Poster or one completed project – Youth enrolled in Horses without the benefit of owning a live animal are encouraged to attend the show. You may show a poster or animal but not both.



## 4-H POULTRY SHOW

Superintendent/Committee: Extension until further notice

Check-in: Tuesday, July 20 at Noon

Show: Tuesday, July 20 at 2 p.m.

Released: Tuesday, July 20 after the show.

### Rules:

1. Comply with the current year's Illinois Department of Agriculture Exhibition Livestock Health Requirements.
2. Completed online Quality Assurance & Ethics Certification (QAEC) by June 1.
3. ALL birds must be washed and clean PRIOR to entering the fairgrounds. No birds should be washed on the grounds or they risk disqualification.
4. Submit stall/pen information via [fairentury.com](http://fairentury.com) by the June 1 deadline.
5. Exhibitors must bring their own feed, litter, and containers for feed and water.
6. Exhibitors are responsible for bringing pens for ducks, geese, peafowls, turkeys.
7. Exhibitors must be present on the day of the show to unlock any locked cages or pens, or the poultry will not be judged.
8. Poultry may not be placed in cages until they have been checked in with the Superintendent/Representative.
9. Limited to 2 entries per class.
10. Ownership deadline: May 1.

### Classes:

- Rooster – Male born prior to Jan. 1, 2021
- Hen – Female born prior to Jan. 1, 2021
- Cockerel – Male born after Jan. 1, 2021
- Pullet – Female born after Jan. 1, 2021
- Young Trio – 1 Cockerel and 2 Pullets (same breed and variety)
- Old Trio – 1 Rooster and 2 Hens (same breed and variety)

### Standard (Large Fowl) Classes:

American (Rhode Island Red, Plymouth Rock, Wyandotte, Jersey Giants, etc.)

Asiatic (Cochin, Langshan, Brahmas, etc.)

English (Australorp, Orpington, Dorking, etc.)

Mediterranean (Leghorn, Andalusian, Minorca, etc.)

All Other Continental/Standard Breeds (Faverolle, Polish, Araucana, Ameraucana, etc.)

Crossbred/Hatchery Varieties (Sex Links, Stars, Comets, Isa Brown, Amberlink, etc.)

### Meat Pen:

3 meat birds (all same variety and sex)

### Bantam Classes:

Clean Leg, Single Comb and All Other Combs

Feather Leg, Single Comb and All Other Combs

### Waterfowl Classes:

Ducks – Single or Pair

Geese – Single or Pair

### Hobby Classes – 4 entries maximum:

Turkeys, Guineas, Pheasants, Pigeons, Peacocks, Quail

### Egg Production – one dozen eggs

Note: Eggs should not be eaten after they have been left out for two hours.

**Showmanship:** The member may only win an age class once. After winning an age class, member must enter Winners of All Ages until they are eligible for the next age division.

- Junior Showmanship: 8-10 years old as of September 1, 2020
- Intermediate Showmanship: 11-14 years old as of September 1, 2020
- Senior Showmanship: 15-19 years old as of September 1, 2020
- Winners of All Ages Showmanship: Individuals who have won their age division should enter this class until they are eligible for the next age division.

## 4-H RABBIT SHOW

Superintendent: Jason Guthrie, 309-230-2726

Check-in: Friday, July 23 from 1-2 p.m.

Show: Friday, July 23 at 2 p.m.

Released: Friday, July 23, following Livestock Auction

### Rules:

1. Any rabbit showing signs of disease will be removed from the area and premium forfeited.
2. Completed online Quality Assurance & Ethics Certification (QAEC) by June 1.
3. Members are responsible for supplying their own feed and water. The show will take place out of the member's carriers. Be sure to check your rabbits in with the Superintendent when you arrive.
4. Ownership deadline: May 1.
5. Exhibitors will be paid only ONE PREMIUM PER CLASS

**Classes:** (Fancy rabbits are non-meat breeds and Commercial rabbits are meat breeds)

- Fancy Senior Buck – over 6 months
- Fancy Senior Doe – over 6 months
- Fancy Junior Buck – under 6 months
- Fancy Junior Doe – under 6 months
- Commercial Senior Buck – over 8 months
- Commercial Senior Doe – over 8 months
- Commercial Buck – 6-8 months
- Commercial Doe – 6-8 months
- Commercial Junior Buck – under 6 months
- Commercial Junior Doe – under 6 months
- Commercial Meat Pen – 3 fryer or weaning age rabbits from same litter; approx. 5 pounds, no older than 10 weeks.

### Fancy Rabbits

- |                      |                       |                 |                    |
|----------------------|-----------------------|-----------------|--------------------|
| • American Fuzzy Lop | • Standard Chinchilla | • Havana        | • Netherland Dwarf |
| • American Sable     | • Cinnamon            | • Himalayan     | • Polish           |
| • English Angora     | • Dutch               | • Holland Lop   | • Rex              |
| • French Angora      | • Dwarf Hotot         | • Jersey Woolly | • Rhinelander      |
| • Saint Angora       | • English Spot        | • Lilac         | • Silver           |
| • Belgian Hare       | • Florida White       | • Mini Lop      | • Silver Marten    |
| • Britannia Petite   | • Harlequin           | • Mini Rex      | • Tan              |

### Commercial Rabbits

- |                      |                       |               |
|----------------------|-----------------------|---------------|
| • American           | • American Chinchilla | • French Lop  |
| • Giant Angora       | • Giant Chinchilla    | • New Zealand |
| • Beveren            | • Crème D' Argent     | • Palomino    |
| • Californian        | • Flemish Giant       | • Satin       |
| • Champaign D'Argent | • Hotot               | • Silver Fox  |
| • Checkered Giant    | • English Lop         |               |

**Showmanship:** The member may only win an age class once. After winning an age class, member must compete in the winners of all ages class until they are eligible for the next age level. No premiums.

- Junior Showmanship: 8-10 years old as of September 1, 2020
- Intermediate Showmanship: 11-14 years old as of September 1, 2020
- Senior Showmanship: 15-19 years old as of September 1, 2020
- Winners of All Ages: For members who have already won in their age division and are waiting to be eligible for the next age division.

**Non-Livestock Exhibits** will be judged with Animal Science projects on Saturday, July 17 during General Project Judging. Poster or one completed project – Youth enrolled in rabbits without the benefit of owning one are encouraged to attend the show. Youth may show a poster or animal but not both.

## 4-H SHEEP SHOW

Superintendent: Jay Bohnsack – (309) 738-0811

Check-in: Monday, July 19 from 5-7 p.m. Lambs must weigh in Monday night between 6 and 7 p.m.

Show: Wednesday, July 21 at 3 p.m.

Released: Friday, July 23 after Livestock Auction

Pens must be cleaned out before you leave. Sheep that will be in the auction will be put into a group pen after the show.

### Rules:

1. Comply with the current year's Illinois Department of Agriculture Exhibition Livestock Health Requirements.
2. Completed the Youth for the Quality Care of Animals (YQCA) by June 1.
3. Ownership of animal must be as of May 1.
4. Reserve stalls via faireentry.com by the June 1 deadline.
5. Single market lambs may not be taken from the pen of three breeding lambs. Market lambs may be either wether or ewe lambs.
6. Individual lambs shown in a breeding class cannot be shown in a market class.
7. Market lamb auction is Friday, July 23.
8. Halter Garment Class shows the dual purpose of sheep in producing meat and fiber. The lamb/sheep is to be shown at halter. 4-H'er should wear a coordinated outfit with one or more articles of clothing containing 30% or more wool. Class is judged on ability of 4-H'er to lead lamb/sheep on halter, the appropriateness of the garment for the age of the 4-H'er and fit of the garment.

**Classes:** Cheviot, Hampshire, Southdown, All other Breeds, Crossbred/Commercial. Exhibitors may show only one breed.

### Breeding Classes

- Halter Garment
- Spring Ewe Lamb (born after 1/1/21)
- Fall Ewe Lamb (9/1/20 – 12/31/20)
- Yearling Ewe (born prior to 9/1/20)
- Ram Lamb (born after 9/1/20)
- Yearling Ram (born after 9/1/20)
- Pair of Breeding Ewe Lambs (Fall or Spring)
- Pen of 3 Breeding Lambs (not all one sex)

### Market Classes

- Individual Ewe Market Lamb
- Pen of 2 Ewe Market Lambs
- Individual Wether Market Lamb
- Pen of 2 Wether Market Lambs

**Note:** After weigh-in, sheep will be placed into 3 weight classes—light, medium and heavy. Market Lambs will not be shown by breed. Market Lamb classes and Breeding Sheep classes may be combined if numbers are small and at the Superintendents' discretion. You may exhibit only 3 market animals.

**Non-Livestock Exhibits** will be judged with Animal Science projects on Saturday, July 17 during General Project Judging. Poster or one completed project – All youth enrolled in sheep without the benefit of owning an animal are encouraged to stay for the show. Youth may show a poster or animal but not both.

**Showmanship:** The member may only win an age class once. After winning an age class, member must compete in the next age class until they either win that age class or age out of that level. No premiums.

- Junior Showmanship: 8-10 years old as of September 1, 2020
- Intermediate Showmanship: 11-14 years old as of September 1, 2020
- Senior Showmanship: 15-19 years old as of September 1, 2020

## 4-H SWINE SHOW

Superintendents: Lauren Crawford – (309) 781-8098; Tyson Freyermuth – (309) 791-1082; Beau Carlson – (563) 299-9663

Check in & Weigh In: Wednesday, July 21 from 5-6 p.m.

Show: Thursday, July 22 at 8 a.m.

Released: Friday, July 23 after Livestock Auction

### Rules:

1. Comply with the current year's Illinois Department of Agriculture Exhibition Livestock Health Requirements.
2. Completed the Youth for the Quality Care of Animals (YQCA) by June 1.
3. Reserve stalls via fairentury.com by the June 1 deadline.
4. All swine exhibited must have been farrowed on or after January 1, 2021.
5. 4-H Swine entered in the Open, Jr. Open show, or 4-H show will be weighed Wednesday, July 21 between 5 and 7 p.m.
6. All 4-H swine will be retained by the exhibitor; see rule #2 under Livestock Auction for details.
7. Allowable entries and premiums:
  - Individual Barrow
  - Individual Gilt
  - Pair Barrows
  - Pair of Market Gilts
8. 4-H'ers must be a current year swine exhibitor to compete in Showmanship Class.
9. 4-H members are responsible for cleaning up their own pens before leaving the grounds.
10. Ownership of animal must be as of May 1, 2021.

### Classes:

- Individual Barrow – (will be divided into sub-classes)
- Pair Barrows – (will be divided into sub-classes)
- Individual Market Gilt (Light, Medium, Heavy)
- Pair of Market Gilts (Light, Medium, Heavy)

**Showmanship:** The member may only win an age class once. After winning an age class, member must compete in the next age class until they either win that age class or age out of that level. No premiums.

- Junior Showmanship: 8-10 years old as of September 1, 2020
- Intermediate Showmanship: 11-14 years old as of September 1, 2020
- Senior Showmanship: 15-19 years old as of September 1, 2020

**Non-Livestock Exhibits** will be judged with Animal Science projects on Saturday, July 17 during General Project Judging. Poster or one completed project – All youth enrolled in swine without the benefit of owning an animal are encouraged to attend the show. Youth may show a poster or animal but not both.



## 4-H MASTER SHOWMANSHIP CONTEST

Superintendent: Marty McManus – (309) 738-7227

To be judged: Wednesday, July 21 at 12:30 p.m.

1. Exhibitors must be enrolled in a 4-H livestock project.
2. The participant must supply his or her own livestock for competition. Each exhibitor must own or borrow each: a steer or heifer, a market or breeding lamb, and a market hog or breeding gilt.
3. Each exhibitor will exhibit and answer questions about each species.
4. A state delegate from the senior division will be selected to attend the Illinois State Fair 2021 Master Showmanship Contest. An alternate will also be chosen. The state contest is sponsored by Illinois Farm Bureau® and RFD Radio Network.
5. A division winner will be selected in beef, sheep and swine.
6. No premiums will be paid for this showmanship contest.
7. Competition will be divided into two age levels, junior and senior, as of the day of the state event.

## 4-H DOG OBEDIENCE/SHOWMANSHIP

Show Schedule: Saturday, July 17 at 4 p.m., registration begins at 3:30 p.m.

### Rules:

1. Dogs must be 6 months old or older to enroll in Dog Obedience or Showmanship and have proof of rabies vaccinations at time of registration and at the 4-H shows.
2. 4-H members and their dogs must attend a dog obedience school before entering the dog at the 4-H Show.
3. Dogs do not have to be AKC registered to be shown at the fair. American Kennel Club rules will be used for judging Obedience classes and Showmanship classes. For a free rule book, write to the American Kennel Club. If a dog has three (3) qualifying scores for an AKC degree prior to 6 months of the County 4-H Dog Obedience Show, it must be shown in the next highest class.
4. A dog being shown in the Dog Obedience project must be trained by and belong to the exhibitor, or to a member of his/her immediate family, or leased for the length of the project with a signed agreement. Dogs must be leased by May 1 and papers must be turned in to the Extension Office by June 5.
5. All dogs must be brought to the show on a six-foot leather, nylon or canvas leash. No spike or prong collars or tags hanging from a collar are allowed.
6. Female dogs in season cannot participate in the 4-H Dog Show.
7. Dogs must be under the exhibitor's supervision at all times. Dogs must be leashed and kept away from other animals.
8. Dogs are to be on the fairgrounds the day of judging only.
9. Dogs are to be trained and shown by 4-H member ONLY. All dogs are expected to be clean and well groomed.
10. Exhibitors shall be limited to one dog in each class. Each dog may be entered in only one Obedience class, plus Showmanship. (Premiums will be paid for showmanship and the two highest scores in Obedience, no matter how many dogs are entered by the exhibitor.) A dog may be shown by only one exhibitor.
11. A run-off will be held in case of a tie for highest scoring dog with, a) heeling on lead exercises and then, b) all other classes, novice off lead exercises.
12. Signals given by handler will be either voice or hand. Only one type of signal is used for each type of exercise.
13. Dog and Handlers will not be moved up a class until they receive a qualifying score from the previous year.

### OBEDIENCE CLASSES

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

ALL EXERCISES ARE DONE ON LEASH EXCEPT FOR SIT STAY AND RECALL

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 Class II:** (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 sign Maximum points 40
2. Figure Eight (on leash) Maximum points 40
3. Sit for Exam (on leash) Maximum points 40
4. Sit Stay (walk around ring) Maximum points 40
5. Recall (off leash front/no finish) Maximum points 40

**Preferred Novice Class:**

1. Heel on Leash and Figure 8 Maximum points 40
2. Stand for Examination (off leash) Maximum points 30
3. Heel Free (off leash) Maximum points 40
4. Recall (off leash with finish) Maximum points 30
5. Sit or Down Stay-Walk around the Ring Maximum points 30
6. Sit Stay-Get Your Leash (off leash) Maximum points 30

**Novice Class:**

1. Heel on Leash and Figure 8 (on leash) Maximum points 40
2. Stand for Examination (off leash) Maximum points 30
3. Heel Free (off leash) Maximum points 40
4. Recall (off leash) Maximum points 30
5. Sit Stay – Get your leash (off leash) Maximum points 30
6. Group Exercise – Sit & Down Stay (on leash) Maximum points 30

**Graduate Novice Class:**

1. Heel Free and Figure 8 (off leash) Maximum points 40
2. Drop on Recall Maximum points 40
3. Dumbbell Recall Maximum points 30
4. Dumbbell Recall over High Jump Maximum points 30
5. Recall over Broad Jump Maximum points 30
6. Stay-Get your leash (sit, down) Maximum points 30

**Preferred Open Class:**

1. Heel Free and Figure 8 Maximum points 40
2. Command Discrimination (Stand, Down, Sit) Maximum points 30
3. Drop on Recall Maximum points 30
4. Retrieve on Flat Maximum points 20
5. Retrieve over High Jump Maximum points 30
6. Broad Jump Maximum points 20
7. Stay-Get your leash (Sit, Down) Maximum points 30

**Open Class:**

1. Heel Free and Figure 8 Maximum points 40
2. Command Discrimination (Stand, Down, Sit) Maximum points 30
3. Drop on Recall Maximum points 30
4. Retrieve on Flat Maximum points 20
5. Retrieve over High Jump Maximum points 30
6. Broad Jump Maximum points 20
7. Stay-Get your leash (Sit, Down) Maximum points 30

**Graduate Open Class:**

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

**Preferred Utility Class:**

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

**Utility Class:**

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

**Grand Champion Beginner Dog Obedience:** Highest scoring dog from Beginner Novice I, Beginner Novice II, Pre-Novice, and Novice.

**Grand Champion Advanced Dog Obedience:** Highest scoring dog from Graduate Novice, Pre-Open, Open, Graduate Open, Pre-Utility and Utility.

**State Fair Obedience Eligibility:** Entries are due to the Illinois State Fair office by August 1. To be eligible a dog and handler team must have a qualifying score of 170 points for all classes.

**RALLY OBEDIENCE CLASSES**

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

**Rally Novice Class:**

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

**Rally Intermediate Class:**

12-17 signs are used (not including start and finish). 3-7 of the signs must be "stationary" signs. At least 3 "advanced" signs. Performed on leash.

**Rally Advanced Class:**

12-17 signs are used (not including start and finish). 3-7 of the signs must be "stationary" signs. At least 3 "advanced" signs. Dog must jump once. Performed **off leash**.

**Rally Excellent Class:**

15-20 signs are used (not including start, finish, or call marker). Dog must jump twice. 2 or more of the signs must be "advanced" signs. 3 or more of the signs must be "excellent" signs. Must include a "Sit Stay" sign. Perform **off leash**. Cannot pat leg or clap hands for encouragement.

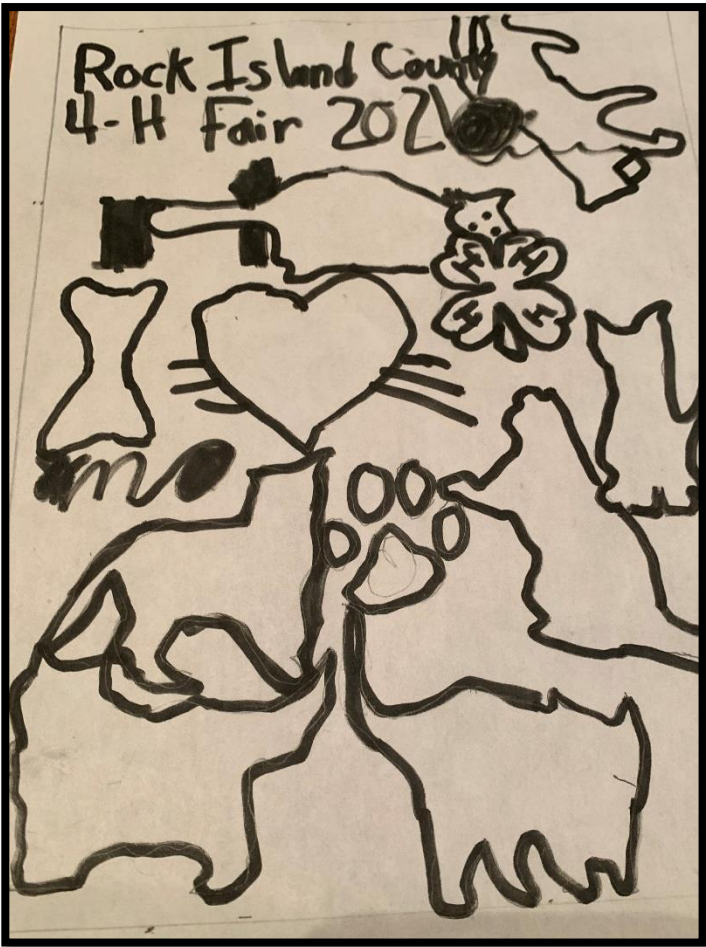
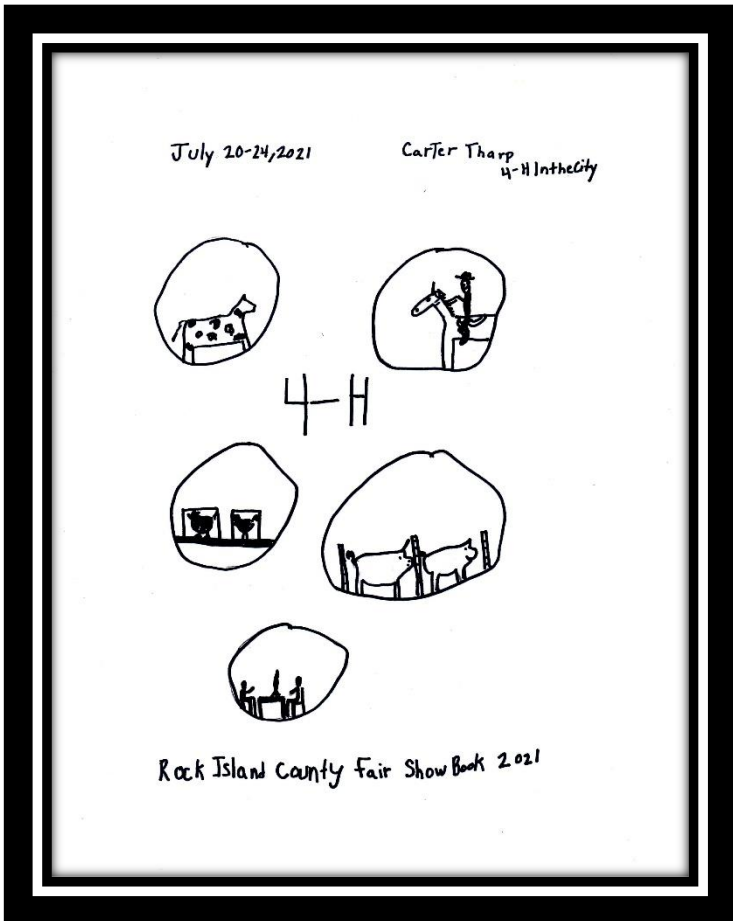
**SHOWMANSHIP CLASSES:**

- Junior Showmanship: 8-13 years of age as of September 1, 2020
- Senior Showmanship: 14 years of age and older as of September 1, 2020

Exhibitors will be judged on handling skill, knowledge of breed standards of their dog, dog show terminology, and elementary dog anatomy. Dogs will be judged on cleanliness, general health and grooming. A female dog in season may not compete.

*State Fair Showmanship Eligibility:* Entries are due to the Illinois State Fair office by August 1. A county may be represented by one junior showmanship dog/handler team and one senior showmanship dog/handler team who have earned/won their county competition. Handlers must be members in the county they are representing. A verification form of county representation, available from the local Extension Office, is to be sent with exhibitor's entry form. A dog may compete in only one showmanship class.

Created by Carter Tharp, 4-H in the City



Created by Haley Thess, Magical Muggles



# GENERAL PROJECT SHOW (Saturday- July 17, 2021)

Cloverbud projects and County only projects are not eligible for State fair and do not receive premiums.

## AEROSPACE

Each county may send 2 entries total from 50130, 50131; and 1 entry from 50133.

**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. The rockets will not be launched. Attach the printed directions for construction of the rocket if any were used.

**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 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.

## ANIMAL SCIENCE

Each county may submit 2 entries total from 50135; and 1 entry from 50137.

**Open to members in Beef, Cats, Dairy, Dogs, Goats, Horse & Pony, Poultry, Rabbits, Sheep, Small Pets, and Swine**

**Animal Science** (SF 50135) Prepare a display focusing on any activity related to the animal science project. Demonstrate the skills and knowledge you have gained through the animal project you studied. 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 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** (not eligible for state fair)

### **Bicycle 1**

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

### **Bicycle 2**

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

### **Bicycle Ready4Life Challenge**

#### **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.

## **CHILD DEVELOPMENT**

Each county may submit 3 entries from 50141.

### **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**

Each county may submit 2 entries total from classes 50145, 50146, 50147; and 1 entry from 50149. **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.

### **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**

Each county may submit 3 STEAM entries total from 50151 a-c, 50152 a-c, 50153 a-c; 2 shopping entries from 50154, 50155, 50156; and 1 Ready4Life entry from 50157.

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

### **STEAM Clothing 1 – FUNdamentals (SF 50151a, 50151b, 50151c)**

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

#### **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 project manual for portfolio formatting.
- Fabric Textile Scrapbook – Must include at least 5 different textile samples. Use Textile Information Cards template on page 41 in project manual to identify fabric swatches. Completed textile cards should be placed in an 8 ½ x 11, 3-ring binder. Include an appropriate cover. See project manual, pages 42-74, for fabric options and fabric science experiments.
- What's the Difference - What's the Price Point – Exhibit may include a notebook, poster, small display sharing a project comparison and price point. See activity, pages 118-120. Exhibit should include PHOTOS; NO actual PILLOWS.

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

#### **Sewn Non-Clothing Exhibits (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 of the following in either the Non-Sewn, Sewn Non-Clothing, or Sewn Clothing exhibit divisions:

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

#### **Sewn Non-Clothing Exhibits (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 of the following in either the Non-Sewn, Sewn Non-Clothing, or Sewn Clothing exhibit divisions:

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

**Sewn Non-Clothing Exhibit (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, suites, 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.

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

**Shopping in Style (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 complements 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 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.

# COLLEGE & CAREER READINESS

Each county may submit 1 entry from 50365; and 1 entry from 50366.

## **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 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

Each county may submit 2 entries total from 50367, 50368, 50369; and 1 entry from 50370.

## **Communications 1** (SF 50368)

For 1<sup>st</sup> 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 2<sup>nd</sup> and 3<sup>rd</sup> years in project: Include everything from earlier years' work and add section showcasing at least four additional activities per year.

## **Communications 2** (SF 50368)

For 1<sup>st</sup> 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 2<sup>nd</sup> and 3<sup>rd</sup> years in project: Include everything from earlier years' work and add section showcasing at least four additional activities per year.

## **Communications 3** (SF 50368)

For 1<sup>st</sup> 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 2<sup>nd</sup> and 3<sup>rd</sup> years in project: Include everything from earlier years' work and add section showcasing at least four additional activities per year.

## **Creative Writing** (SF 50367)

To provide the best learning experience, it is suggested that counties receive submissions in this class prior to the exhibition date to allow a judge adequate time to read the submissions and provide meaningful review. Each member may submit only one entry per class. Each entry is to be typewritten on 8 ½ x 11 paper and include 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 of the questions in the activities.
- **Year 2:** Results of doing a minimum of 5, 2-star activities in Part 2, answering all the questions in the activities.
- **Year 3:** Results of doing a minimum of 5, 3-star activities from Parts 1 and 2. One of the activities must include writing an advance story, a follow-up story, or a feature story.
- **Year 4:** Results of doing at least 2, 2-star activities and 3, 3-star activities from Part 3. If the activities include making an audio or videotape, State Fair will provide a way for the judge to view or listen to it.

### **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

Each county may submit 3 entries total from 50159, 50160, 50161, 50162; and 1 entry from 50164.

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 graphic programming language). The program should include 8 different commands including looping and getting input from the keyboard and mouse. All exhibits must include something visual, such as a poster or printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

**Intermediate Visual Programming** (SF 50159)

**Open to youth in Computer Science Visual Based Programming**

Exhibit a program using Scratch (or other simple graphic programming) that you have downloaded from the internet and modified. Compare the two programs and demonstrate the changes you made to the original program; **OR** create an animated storybook using Scratch (or other simple graphical programming language). All exhibits must include something visual, such as a poster or printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

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

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

**Computer Open Source / Innovation CS** (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 programing flowchart, which will remain on display during the exhibition. Exhibits in this area will be judged on the computer science programming. Youth enrolled in a robotics project should choose this class if you want the exhibit to be judged on the programming of the robot. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

### **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**

Each county may submit 2 entries total from 50168, 50169; and 1 entry from 50167.

### **Entrepreneurship: Be the E!** (not eligible for state fair)

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

### **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 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

Each county may submit 3 entries total from 50170, 50171, 50172, 50173; and 1 entry from 50175.

## **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 is 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.

# DRONES: UNMANNED AERIAL VEHICLES/SYSTEMS

Each county may submit 2 entries from each class.

Choose one of the following classes based on your interest and skill level.

Each Exhibitor must complete all three sections of Quads Away Curriculum and display (or upload) a completed Mission Logbook.

## **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**

Each county may submit 3 entries total from 50177, 50178, 50179; and 1 entry from 50181.

#### **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 on the website. Projects using paper clips, cardboard, thumbtacks, & brads are not eligible for state fair exhibits in electricity. Members wishing to exhibit these types of projects should consider exhibiting in Junkdrawer Robotics 1 or 2.

#### **Electricity 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 on the website. Projects using paper clips, cardboard, thumbtacks, & brads are not eligible for state fair exhibits in electricity. Members wishing to exhibit these types of projects should consider exhibiting in Junkdrawer Robotics 1 or 2.

#### **Electricity 3 (SF 50179)**

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

#### **Electricity 4 (not eligible for state fair)**

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

#### **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

Each county may submit 2 entries total from 50183, 50184, 50185, 50186; 1 entry from Class 50187.

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.

Created by  
Nicolas Thess,  
Magical Muggles  
4-H Club



# ENTOMOLOGY BEEKEEPING

Each county may send 2 entries total from classes 50188, 50189, 50190; and 1 entry from 50191.

Create an exhibit that shows the public what you learned in the beekeeping project this year. **Note:** No bee hives 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 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 Bee Hive.
- 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, shown in glass, screw-top jars holding 1 # of honey each.
- Chunk honey (comb in jar): Three (3) 1# jars (wide-mouth glass jars).
- Cut-comb honey: Three (3) 1# boxes (boxes are usually 4 ½” x 4 ½”).
- 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.

- Extracted Honey: Three (3) 1# jars (glass)
- Chunk Honey (comb in a jar): Three (3) 1# jars (wide-mouth glass)
- Cut-comb Honey: Three (3) 1# boxes (boxes are usually 4 ½” x 4 ½” in size)
- Comb Honey- 3 sections (honey built by bees in frames of wood commonly called “sections” (boxes are usually 4 ½” x 4 ½” in size)
- Section honey: three (3) sections of comb honey (in basswood boxes or Ross rounds) or
- 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

Each county may submit 3 entries from 50430.

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

**Welcome to 4-H** (not eligible for state fair)

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

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

**COLLECTIBLES** (not eligible for state fair)

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

## FAMILY HERITAGE

Each county may submit 1 entry from 50197; and 1 entry from 50199.

**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" x28" wide. If the size needs to be a different size because the historical item is larger than 22"x28" please contact the superintendents for approval.

**Family Heritage Ready4Life Challenge** (SF 50199)

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

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

Each county may submit 7 entries total from any of these food classes: 50200, 50201, 50202, 50203, 50204, 50206, 50208, 50211; and 1 entry from 50210.

**4-H Cooking 101** (SF 50200)

*Using the recipes included in the project manual*, prepare an exhibit of 3 cereal marshmallow bars; **OR** ¼ of 8" square or round coffeecake; **OR** 3 cookies. 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.

**4-H Cooking 201** (SF 50201)

Using the recipes included in the project manual, prepare an exhibit of 3 cheese muffins; **OR** 3 scones; **OR** ½ loaf (9" x 5") of basic nut bread. 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.

**4-H Cooking 301** (SF 50202)

Using the recipes included in the project manual, prepare an exhibit of 3 dinner rolls; **OR** loaf of yeast bread; **OR** 1 tea ring; **OR** 3 sweet rolls; **OR** one layer of a Rich White Cake or Rich Chocolate Cake, top side up (*without frosting*). If icing is used on the tea ring or sweet rolls, the recipe for the icing must also come from the book. The yeast bread/roll dough may be prepared in a bread making machine; however prepared mixes are not permitted. If you make changes to the recipe, bring a copy of the recipe with your changes. Display exhibit on a disposable plate or pie tin and place in a zip-sealing plastic bag. *In addition to your food exhibit*, complete one of the six experiments: *Experiment with Flour* p. 33-34, *Experiment with Kneading* p. 35-36, *Experiment with Yeast* p. 37-38 or 39, *Experiment with Butter* p. 62-63 or *Experiment with Cheese* p. 104-105. Bring a document with a printed picture of your experiment and the answers to the experiment questions to remain on display with your project.

**4-H Cooking 401** (SF 50203)

Using the recipes included in the project manual, prepare an exhibit of ¼ of a 15" x 10" loaf of focaccia bread (do not include dipping oil); **OR** one baked pie shell – traditional, oil, or whole wheat (no graham cracker); **OR** ¼ Golden Sponge Cake, top side up, without frosting; **OR** ½ loaf French Bread. 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?

**Food Science 1** (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.

**Food Science 2** (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.

**Food Science 3** (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.

**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 screen shot and brief description of your video to leave on display.

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

### **Food Preservation (SF 50208)**

Prepare an exhibit using ONE of the following food preservation methods: canning; drying; pickles/relishes; jams, jellies and preserves **OR** a combination of these (see Preservation Combination option below), excluding Freezing. **No freezer jam exhibits will be allowed for Freezing; Jams, Jellies, and Preserves; or for the Preservation Combination options.**

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

All preserved products should be prepared and processed according to the current USDA/Extension information. USDA information on preserving food, including recipes, can be found at: [www.homefoodpreservation.com](http://www.homefoodpreservation.com) or [web.extension.illinois.edu/foodpreservation/](http://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, 2014.
- Green beans, pressure canner. July 13, 2014.
- Beef jerky, food dehydrator and oven. July 13, 2014.

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

- *PUT IT UP! Food Preservation for Youth* manuals
- U.S. Department of Agriculture (USDA)
- National Center for Home Food Preservation

- Ball/Kerr Canning (recipes after 1985)
- Mrs. Wages

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

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

#### **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**

Each county may submit 1 entry total from 50212, 50213, 50214; and 1 entry from 50216.

#### **Forests of Fun 1 (SF 50212)**

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.

#### **Forests of Fun 2 (SF 50213)**

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.

#### **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**

Each county may submit 3 entries total from 50218, 50219, 50220, 50221, 50222; and 1 entry from 50224.

**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 collections. 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 collections. 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.

# HEALTH

Each county may submit 3 entries total from 50226, 50227, 50228, 50229; and 1 entry from 50231.

## **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.

# HORTICULTURE: FLORICULTURE

Each county may submit 3 entries total from 50192, 50193, 50194, 50195, 50196; and 1 entry from 50198.

## **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 at University of Illinois Extension houseplants, <http://urbanext.illinois.edu/houseplants/default.cfm>.

### **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**

Each county may submit 3 entries total for 50313, 50314, 50315, 50316; and 1 entry for 50318.

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

### **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**

Each county may submit 1 individual entry from 50233; 1 individual entry from 50234; 1 individual entry from 50236; 1 club entry from 50235. **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**

Each county may submit 2 entries total from 50242, 50243, 50244, 50245; and 1 entry from 50247.

### **Design Decisions, Beginning (SF 50242)**

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.

### **Design Decisions, Intermediate (SF 50243)**

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.

### **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 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

Each county may submit 3 entries total from 50249, 50250, 50251, 50252; 2 entries from 50254; 1 entry from 50255.

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

## Leadership 2 (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 of exhibitor's choice from the manual.
- **Second Year** – One activity from each of the following sections: Getting Along with Others; Learning to Learn; and Making Decisions, plus one of exhibitor's choice from the manual.
- **Third Year** – One activity from each of the following sections: Making Decisions; Managing; and Working with Groups, plus one of exhibitor's choice from the manual.

## Leadership 3 (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 of exhibitor's choice from the manual.
- **Second Year** – One activity from each of the following sections: Getting Along with Others; Learning to Learn; and Making Decisions, plus one of exhibitor's choice from the manual.
- **Third Year** – One activity from each of the following sections: Making Decisions; Managing; and Working with Groups, plus one of exhibitor's choice from the manual.

## Leadership Innovation Class (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**

Each county may submit 3 entries total from 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**

Each county may submit 3 entries from 50256, 50257, 50258, 50259; 1 entry from 50267.

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

### **Natural Resources 1 (SF 50256)**

Exhibit any item developed from the project book, *Step Into Nature*.

### **Natural Resources 2 (SF 50257)**

Exhibit any item developed from the project book, *Explore the Natural World*.

### **Natural Resources 3 (SF 50258)**

Exhibit any item developed from the project book, *Blaze the Trail*.

### **Outdoor Adventure 1-3 (SF 50259)**

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

### **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**

Each county may submit 3 entries total from 50260, 50261, 50262, 50266, 50263, 50265; and 1 entry from 50291.

### **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 the exhibitor's 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 the exhibitor's thoughts and ideas.

# PHOTOGRAPHY

Each county may submit 3 entries total from 50268, 50269, 50270, 50271, 50272; and 1 entry from 50274.

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 setting, 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 8x10 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 8x10 photo which demonstrate your understanding of a technique you learned from your Photography 3 project manual. No photo editing is allowed in this class except cropping and red eye removal. Be prepared to show the page in the manual of the technique you are demonstrating.

### **Photo Editing (SF 50271)**

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

Exhibit one framed 8x10 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 youth enrolled in Photography 1, 2, and 3.**

Demonstrate the skills and knowledge you have gained through the Photography project. **Your exhibit should not fit in the other exhibit options for this project.** The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. 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.

# ROBOTICS

Each county may submit 3 entries total from 50285, 50286, 50288, 50289, 50292; and 1 from 50293.

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

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

## **Robotics 1: Beginning:** (not eligible for state fair)

Exhibitors should complete Activities 1-6 in the Robotics 1 with EV3 project book. Exhibitors will design, build and program a robot that can autonomously follow a predetermined path that changes direction at least 4 times during a single run. They will bring their project book, their program code (on laptop or on paper), and a single page write up to share what they learned about the engineering design process and programming.

## **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.

## **SHOOTING SPORTS**

Each county may submit 2 entries total from 50380, 50381, 50382, 50383, 50384; and 1 from 50385.

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: Hunting & Outdoor Skills Display (SF 50383)**

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

### **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.

## SMALL ENGINES

Each county may submit 1 entry total for 50294; and 1 entry for 50297.

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 1-3 (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.
- **Compression System:** Explain how heat energy is produced by an engine and converted into mechanical energy.
- **Heat Transfer:** Explain how heat is transferred through the cooling and lubrication system of an air cooled or water cooled engine.
- **Filter Maintenance:** Explain the proper maintenance and cleaning of the air, fuel and oil filters of an engine.
- **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.
- **Tools to do the job:** Identify and explain the function(s) of different specialty tools needed for small engine work.
- **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.

## 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 may not be based on already existing 3-D models. It must be able to be 3-D printed. Any CAD software can be used, but files must be in .STL format. Bring your design on a Jump Drive to be viewed for judging. Exhibits in this class may not have multiple parts, doors, hinges, or any sort of mechanics.

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

### 3-D Design Advanced (not eligible for State Fair)

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

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 may not be based on already existing 3-D models. It must be 3-D printed using **ONLY A COMMERCIALY AVAILABLE HOME/DESKTOP 3-D PRINTER**. In addition, original design files must accompany each exhibit. These files must be in .STL format. Bring your design on a jump drive to be viewed for judging. Exhibits in this class may not have multiple parts, doors, hinges or any sort of mechanics.

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

### **3-D Printing Advanced** (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 may not be based on already existing 3-D models. Exhibits in this class **MUST** have multiple parts, doors, hinges or some sort of mechanical feature. It must be 3-D printed using **ONLY A COMMERCIALY AVAILABLE HOME/DESKTOP 3-D PRINTER**. In addition, original design files must accompany each exhibit. These files must be in .STL format. Bring your design on a Jump Drive to be viewed for judging.

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

### **3-D Printing & Design Ready4Life Challenge** (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**

Each county may 3 entries total for 50299, 50301, 50302; and 1 entry for 50304.

### **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**

Each county may submit 2 entries total for 50306, 50307, 50308, 50309, 50310; and 1 entry for 50312.

**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 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 & 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

Each county may submit 1 entry total from 50320; and 1 entry from 50322.

### **Veterinary Science (SF 50320)**

#### **(Open to youth in Veterinary Science 1, Veterinary Science 2, and Veterinary Science 3)**

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

### **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

Each county may submit 3 entries total from 50324, 50325, 50326, 50327, 50328; and 1 entry from 50330. Enrollment in the Video project is required to exhibit in the classes in this section.

**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, and/or 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 categories in which they are exhibiting. **Maximum of three entries per category with a maximum of 15 total visual art entries. Exhibitors will only receive premiums for one entry per category. \*** *Please note -County only projects are not eligible for State fair and DO NOT receive premiums.* 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.

#### **Each county may submit one entry from these projects:**

- Food/Cake Decorating (1 total from 50332, 50333, 50334, 50335)
- Chalk/Carbon/Pigment on wood, metal or textiles (Division B) 50352
- Clay 50337
- Computer-Generated Art 50338
- Fiber 50339
- Fiber Non-Original Ages 8-10 Only 50350
- Glass/Plastic 50340
- Heritage Arts 50341
- Leather 50321
- Metal 50342
- Nature 50343
- Paper 50344
- Three-Dimensional Design/Mixed Media 50348
- Wood 50349
- Ready4Life 50351

#### **Each county may submit two entries from:**

- Chalk/Carbon/Pigment on canvas, paper or glass (Division A) 50336
- Scrapbooking (2 total from 50345, 50346, 50347)

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.

**Non-Original Visual Arts Calk/Carbon/Pigment (County only project)**

Any item made from a pattern or kit, including pre-formed ceramics.

**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.

**Non-Original Visual Arts Clay (County only project)**

Any item made from a pattern or kit.

**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.

**Non-Original Visual Arts Glass/Plastic (County only project)**

Any item made from a pattern or kit, including pre-formed ceramics.

**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.

**Non-Original Visual Arts Metal (County only project)**

Any item made from a pattern or kit

**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.

**Non-Original Visual Arts Nature (County only project)**

Any item made from a pattern or kit – includes candles

**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.

**Non-Original Visual Arts Paper (County only project)**

Any item made from a pattern or kit.

**Visual Arts Scrapbooking, Beginning: (SF 50345)**

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

**Visual Arts Scrapbooking, Intermediate: (SF 50346)**

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

**Visual Arts Scrapbooking, Advanced: (SF 50347)**

Exhibit one album or notebook, either 8 ½" x 11" or 12"x12", with a front and back cover. The album/notebook must have a minimum of 4 pages (front and back, 8 sides), exhibited in page protectors. "Embellishments" are defined as the decorations

or special details and features that add to a page and make it more visually appealing. Embellishments may include, but are not limited to, ribbon, clips, special lettering, etc. Advance level exhibitors must use a minimum of 12 embellishments and tell a compelling story with pictures, journaling, and other media.

**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.

**Non-Original Visual Arts Wood (County only project)**

Any item made from a pattern or kit.

**Miscellaneous Visual Art (County only project)**

PLEASE READ ALL OTHER CLASSES FIRST BEFORE ENTERING IN THIS CLASS. Any unique and non-original exhibit that does not fit into any other class. If you have a question about the category for your project, please call the Extension Office.

**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

Each county may submit 1 entry total 50392, 50393, 50394; and 1 entry from 50395.

**Weather and Climate Science I** (SF 50392)

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

**Weather and Climate Science 2** (SF 50393)

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

**Weather and Climate Science 3** (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**

Each county may submit 2 entries total from 50353; and 1 entry from 50355.

#### **Welding (SF 50353)**

This exhibit class is open to members who are in the 7<sup>th</sup> 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**

Each county may submit 2 entries total from 50357, 50358, 50359, 50360; and 1 entry from 50362.

#### **Woodworking 1 (SF 50357)**

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 2 (SF 50358)**

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 3 (SF 50359)**

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 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.



## CLOVERBUD – Open to youth ages 5 to 7 as of September 1, 2019

Cloverbud Projects are non-competitive. Each member will receive participation ribbons but no premiums. Exhibit something done in one of the lessons from the project manuals and one per class unless stated otherwise.

### Cloverbud Aerospace 1

Examples could be: learn how birds fly, make a space helmet, learn about rockets.

Resource-Pre-flight project manual.

### Cloverbud Arts and Crafts (no more than 2)

Examples could be: cutting and pasting, painting, drawing.

### Cloverbud Beading Crafts (no more than 2)

Examples could be: make wands, bead bowls, wooden bead necklaces, wind chimes, butterflies, pen toppers, and flags. Download new publication "4-H Craft Beading"

Resource-: <https://utah4h.org/>

### Cloverbud Bicycle 1

Examples could be: learn and practice bicycle safety, learn street signs, practice signaling.

Resource- Bicycling for fun project manual.

### Cloverbud Series 1 and 2 (no more than 2)

Prepare a display related to an activity in your project manual.

Resource- Cloverbud Series 1 and 2 project manuals.

### Cloverbud Embryology 1

Examples could be: hatch and care for chicks (live animals are not permitted), study embryology by incubating eggs.

### Cloverbud Exploring Farm Animals

Prepare a display related to an activity in your project manual. Live animals are not permitted.

Resource-Exploring Farm Animals project manual.

### Cloverbud Expressive Arts (no more than 2)

Prepare a display that tells a story or expresses feelings through art, or express themselves through music and dramatic play. Download new publication "4-H Cloverbuds Communicative and Expressive Arts."

Resource- <https://utah4h.org/discover>

### Cloverbud Latino Cultural Arts

Examples could be: learn about Latin countries, Latino art

### Cloverbud Personal Development & Leadership

Examples could be: learn about self-discovery; building character; manners; how to be a leader; setting goals; and 77 accepting the differences in others. Download new publication "4-H Cloverbuds Personal Development and Leadership Leader's Guide". Resource-

Resource-

<https://utah4h.org/discover>

### Cloverbud Science & Technology

Prepare a display related to an activity in your project manual. Download new publication "4-H Cloverbuds Science and Technology" Resource-

Resource-

<https://utah4h.org/discover>

### Cloverbud Vegetable Gardening A

Prepare a display related to an activity in your project manual.

Resource- See Them Spout project manual.

### Cloverbud Veterinary Science 1

Prepare a display related to an activity in your project manual. Live animals are not permitted

Resource-From Airedales to Zebras project manual.

**Cloverbud Welcome To 4-H**—Prepare a display related to an activity in your project manual.

Resource- Welcome To 4-H manual.

*University of Illinois Extension provides equal opportunities in programs and employment. If you need a reasonable accommodation to participate, contact Jennifer Peterson at [jpetersn@illinois.edu](mailto:jpetersn@illinois.edu) or (309) 932-3447. Early requests are strongly encouraged.*

