

Dear 4-H'er,

**This fairbook is currently in draft form. We are preparing to return to in-person events, as long as local conditions, IDPH guidelines, local health department, and University of Illinois policy allow. Due to the evolving nature of COVID-19, we are unable to release a fair schedule at this time. Any dates listed in the 4-H newsletter are tentative. Please use this draft fairbook to begin reviewing project requirements.**

We're looking forward to the 2021 season! As McDonough County 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.

If current local conditions are conducive to in-person events, the opportunity for face-to-face judging for McDonough County will require that all participants, spectators, and volunteers adhere to Illinois 4-H event guidelines.

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

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

If any of these guidelines presents a challenge for you, please contact us directly at 309/837-3939 or email [chattert@illinois.edu](mailto:chattert@illinois.edu). We are happy to discuss what accommodations are possible so that we can look for ways that all youth can safely participate in this event.

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

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

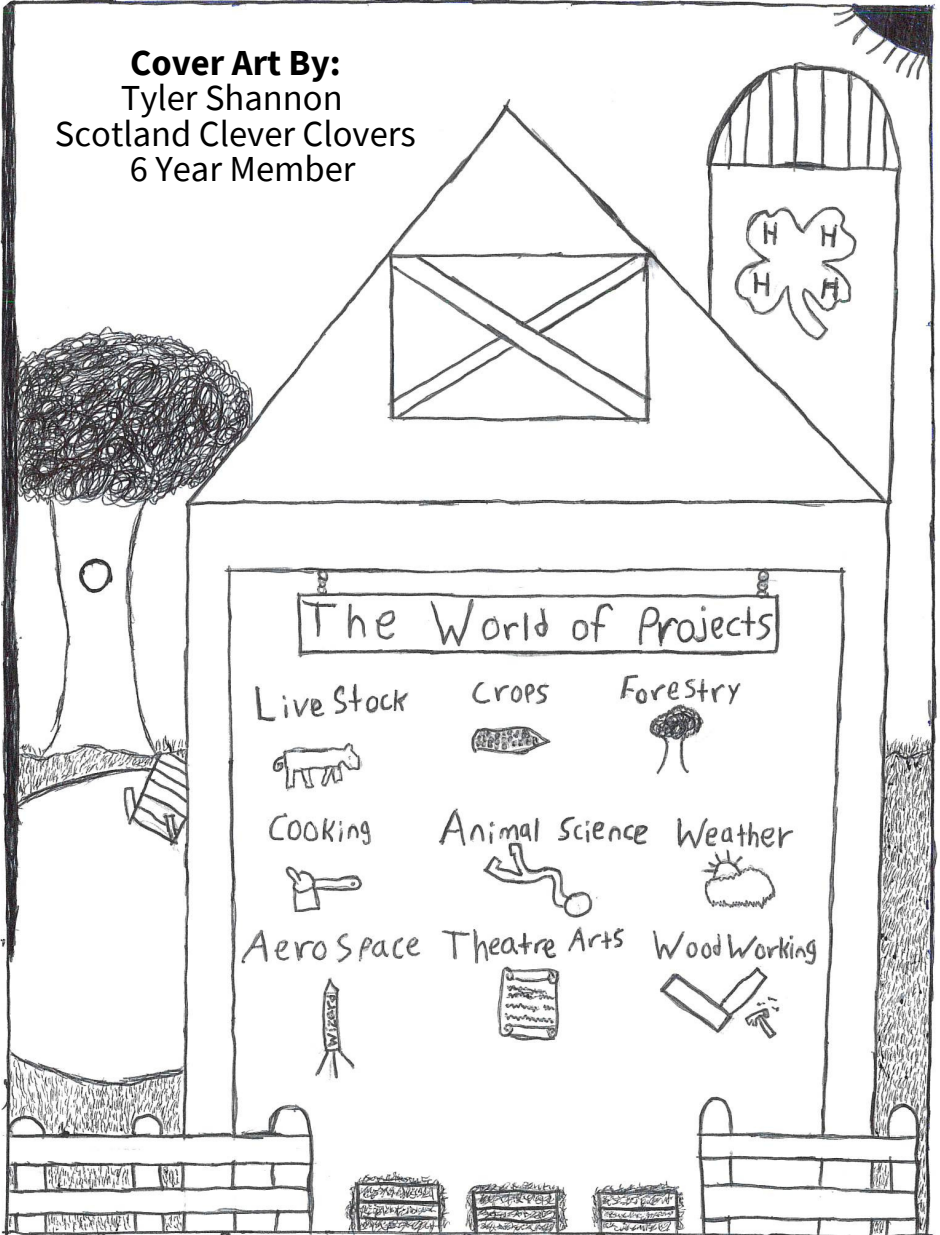
Yours in 4-H,  
Beth Chatterton, 4-H Program Coordinator, McDonough  
Shelby Carlson, 4-H Youth Development Educator,  
Lisa Torrance, County Extension Director



**Illinois Extension**

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

**Cover Art By:**  
Tyler Shannon  
Scotland Clever Clovers  
6 Year Member



**McDonough County**  
4-H Mini Fair June 25  
4-H Fair Week July 5-9



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The McDonough County 4-H Fair is the showcase of exhibits of McDonough County Community Club 4-H members. The success of the fair is due to the cooperation between the 4-H member and their families, 4-H volunteers, Extension Council and Staff. We would like to welcome you to the fair and extend best wishes and thanks to you, the exhibitors and visitors during the fair.

Sincerely,

**University of Illinois Extension ~ McDonough County Staff**

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County Extension Director

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**2021 Federation Officers**

Youth Leader ~ Katie Riggins

President ~ Anna Curley ~ 4-H Goal Diggers

Vice President ~ Sarah Riggins ~ Scotland Clever Clovers

Treasurer ~ Rachel Hood ~ Scotland Clever Clovers

Secretary ~ Alison Stortzum ~ Scotland Clever Clovers

**2021 McDonough County 4-H Committee**

Mike Cox, Victoria Engnell, Angie Heaton, Troy Heaton, Curt Rigg,  
Michelle Sargeant, Jake Patterson, Chairperson

**2021 Unit #10 Extension Council**

Karen Cole, Krissy Conklen, Olivia Diaz, DeVone Eurales, Shelby Henning, Kishor Kapale,  
Patrick King, Nancy Kucharz, Marty LaFary, Gina Long, Mary Mowen, Joey Range,  
Blake Rappenecker, Gail Russell, Mary Ann Severs, Erica Smith, Blake Sullivan,  
Bobbi Tapscott, Emma Wohlstadter, Angel Wright

**2021 4-H & Extension Foundation Committee**

Colleen Carlson, Deb Carson, Amy Haney, Angie Heaton, Katie Hoge,  
Katie Riggins, Alice Thorman

**If a 4-H member needs a reasonable accommodation to participate in the McDonough County 4-H Fair, please contact the office at 309/837-3939. Early requests are strongly encouraged to allow sufficient time for meeting your access needs.**



**Illinois Extension**  
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University of Illinois at Urbana-Champaign College of Agriculture, Consumer and Environmental Sciences ~ United States Department of Agriculture ~ Local Extension Councils Cooperating ~ University of Illinois Extension offers equal opportunity in programs and employment.

# University of Illinois Extension 4-H Code of Conduct

All participants in events and/or activities planned, conducted, and supervised by the University of Illinois Extension and 4-H, are responsible for their conduct to U of I Extension personnel and/or volunteers supervising the events. This responsibility is necessary for the health, safety, and welfare of the participants, will be rigidly adhered to, and will be uniformly enforced. The following conduct is not allowed while participating in any 4-H event or activity and is subject to disciplinary action:

## Category 1

- a) Possession, use or distribution of alcohol and other drugs, including tobacco products.
- b) Theft or destruction of public or private property.
- c) Involvement in sexual misconduct or harassment.
- d) Possession or use of dangerous weapons or materials (including fireworks).
- e) Fighting or other acts of violence that endanger the safety of the participant or others.

## Category 2

- a) Willfully breaking curfew.
- b) Unauthorized use of vehicles.
- c) Participation in gambling.
- d) Absence from the planned program.
- e) Intentionally interfering with or disrupting the events.
- f) Use of profane or abusive language.
- g) Disregard for public or personal property.
- h) Public displays of affection or inappropriate actions.
- i) Failure to comply with direction of Extension personnel, including designated adults acting within their duties and guidelines.

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

## Category 1

When notified of any of the actions listed under Category 1, the adult in charge will ascertain the relevant facts and, with concurrence from the U of I Extension staff, will notify the affected participant of the action and any supporting evidence. The participant will be allowed an opportunity to answer the allegations and, if necessary, law enforcement officials will be notified. While facts are being verified, the participant will be removed from the 4-H activity/event and be under direct supervision of his/her parent or guardian. The parent or guardian will be notified of the behavior and must make arrangements for removal of the participant from the activity, at the parent's or guardian's expense. Documentation must be completed on an "Incident Report Form"

## Category 2

When notified of any of the actions listed under Category 2, the adult in charge will ascertain the relevant facts and, with concurrence from the U of I Extension staff, will notify the participant of the action and any supporting evidence. The participant will be allowed an opportunity to answer the allegations and, if necessary, law enforcement officials will be notified. While facts are being verified, the participant will be removed from the 4-H activity/event and be under direct supervision of an adult chaperone. The parent or guardian of the participants who violate curfew, use vehicles without authorization, or leave the site of the event (as outlined in Category 2, letters a, b, c ) will be notified of the actions by the participant. The parent or guardian must immediately remove the participant from the activity, at the parent's or guardian's expense. Participants who exhibit conduct as described in Category 2, letter d-i, will receive a verbal and written warning (initialed by the adult and participant). Upon receiving a second warning, the parent or guardian will be notified of the behavior and must make arrangements for removal of the participant from the activity, at the parent's or guardian's expense.

## University of Illinois 4-H Code of Conduct *continued*

- Treat all people fairly and animals humanely.
- Respect the property of others.
- Respect the authority of adult or youth volunteers, paid Extension staff, and others in leadership roles.
- Use appropriate language and wear acceptable clothing at 4-H activities and events.
- Show kindness to others and give assistance when needed.
- Be honest and honor commitments.
- Strive for personal best and keep trying to improve.
- Accept responsibility for personal choices.
- No drugs/alcohol or use of drugs/alcohol will be allowed.
- All lights out at midnight.
- No excessive noise – so those who want to sleep may do so.
- Any person in violation of the guidelines will have their parents notified immediately and the matter will be addressed according to the 4-H Management Handbook.

## McDonough County 4-H Policies and General Rules

- 4-H membership is open to all boys and girls regardless of race, color, religion, gender, national origin, ancestry, marital status, familial status, sexual orientation, or disability. 4-H'ers must be at least 8 years old on September 1, 2020 and have not attained their 19<sup>th</sup> birthday as of September 1, 2020. The 4-H year is from September 1 - August 31. All 4-H project work must be the work of the individual 4-H member and no one else. **All projects must be products of the current 4-H year.** Please read the fair book carefully. All judges' decisions are based on the requirements set forth in the fair book and all judges' decisions are final. State 4-H projects will qualify for an X factor rating/premium. State approved projects, identified with an asterisk \*, and Foundation Foods projects, are not available to exhibit at the Illinois State Fair. To be eligible to exhibit at the county 4-H fair, youth with livestock project must enroll in these projects by January 1 of the current year. The project enrollment deadline for youth planning to exhibit other 4-H projects is March 1st of the current year.
- 4-H members can make only **one entry per class**, unless otherwise noted under that department. 4-H members will only receive **one premium per class**.
- During the McDonough County 4-H Fair, 4-H members can also enter in the McDonough County Junior Show; sponsored by McDonough County Buildings and Grounds Corporation. In the Livestock area, exhibitors may use the same animals for the 4-H Exhibit and Junior Show. General Show projects must have a separate project for Junior Show and 4-H. Information is provided in the McDonough County Junior show premium book.
- No Equipment will be provided for any exhibits. This includes computers, projectors, etc. Exhibitors must furnish any equipment they feel is necessary to properly critique their exhibit. Exhibitors should be aware that electrical outlets are not always located near judging locations and should take that into consideration when bringing exhibits.
- The University of Illinois Extension and the 4-H Program do not assume liability for loss, theft, or damage to any exhibit.
- Ribbons will be awarded to all entries judged. Entries will be judged by the merit or group system. Exhibits in each class will be rated and placed in one of three groups. Blue, Red, and White.
- Any member not following general project guidelines as printed in premium book will not be eligible for a "Blue" rating. Premiums will be designated by the factoring system based on the number of awards given and total money available from state funds. This will not be determined until after all classes have been exhibited and money from the state legislation has been determined.
- There must be at least 5 members enrolled in a project before a trophy is given for that project. The winner of the trophy must have received a "Blue" rating. Trophies are only awarded to McDonough County 4-H Fair members.

## McDonough County Junior Show

This is an exhibit opportunity for all youth living or attending school in McDonough County will be printing their own book and entry information for their fair. A Junior Show book will be available for each 4-H family. If you do not receive any Junior Show information, please contact KSL Accounting, PO Box 812, Macomb, (309) 333-1048. All overnight policies and information will be included in the Junior Show book. This show runs the same week as McDonough County 4-H Fair.

## Heather Roberts Humanitarian Award

To honor the memory of Heather L. Roberts (1988-2005), the HEATHER L. ROBERTS HUMANITARIAN AWARD was established to recognize an active, McDonough County 4-H member that most effectively exhibits, and communicates the humanitarian spirit that was Heather's life.

The recipient of the HEATHER L. ROBERTS HUMANITARIAN AWARD will receive recognition at the McDonough County 4-H Fair on Wednesday, July 11th, during the awards program. The recipient will also receive a personal trophy as well as their name added to a commemorative plaque.

### Selection Process:

Nominations will be accepted from a leader, in writing.

A leader needs to identify in writing why the nominee is deserving of the award.

Leaders may identify more than one member from a club.

Leaders are required to submit nominations by **Monday, June 22, 2021.**

A volunteer committee will review the submitted names and supporting statements.

The committee will observe the nominees in the fair environment.

The committee will make their selection and the recipient will be recognized during the awards program during the fair.

### Qualifications:

Nominated members must have completed and maintained an "active" status in McDonough County 4-H for no less than three years.

Nominee is a person of character. He/She exemplifies the CHARACTER COUNTS!™ *6 pillars of Character*: Trustworthiness, Respectful, Responsible, Fairness, Caring, Citizenship.

Nominee is a well-rounded individual who is looking for the good of all without expecting recognition or praise.



## Clean Pen and Stall Contest

It is important for 4-H livestock exhibitors to care for their livestock at the fair. We try to have livestock members exhibitors stall with the club members because the McDonough County Federation offers a "Clean Pen and Stall Contest". Here are some helpful tips for winning this award.

- Help one another with livestock responsibilities.
- Keep the alley ways clear and clean.
- Be friendly to community members visiting the fair.
- Keep livestock clean.
- Remove manure from pens.
- Keep pens looking friendly and clean.
- Have club signs displayed.
- Have fun!

## Livestock Rules and Livestock Check In Procedures

- All livestock projects should be cared for and owned by the 4-H'er from the required ownership date until time of exhibition.
- All livestock will shown virtually via the Fair Entry website.
  - **Youth for the Quality Care of Animals (YQCA)** yearly certification is required of all livestock project members (aside from cats, dogs, horses, poultry, and rabbits). For all other animals, QAEC will still be required.
- All animals must be exhibited by the owner or another 4-H member.
- All purebred animals must be registered in the exhibitor's name only. (Except Horse Leases)
- An exhibitor may receive assistance in grooming from parents, leaders, family and friends, but no professional grooming service is permitted.
- In each of the livestock divisions, clubs will place their exhibits together or adjoining one another and to make local club exhibits.
- Cattle tie-outs will be furnished by Building & Grounds. Tie out bedding must be furnished by exhibitor.
- Manure is to be placed in spreaders or designated areas.
- In regard to any questions concerning the interpretation of the rules and regulations, the Superintendent will make the final decision.

## Illinois 2021 Exhibition Livestock Health Requirements

Exhibitors are required to familiarize themselves with all rules applicable to their exhibits. All out-of-state animals shall require an entry permit. Entry permit numbers are available by calling the Illinois Department of Agriculture, Monday through Friday from 8:00 AM to 4:30 PM, at 217/782-4944. Permits may also be obtained online at: <http://www.agr.state.il.us/AnimalHW/animalregistry/login.php> All animals, except as noted, shall be accompanied by a **Certificate of Veterinary Inspection (CVI)** which shows that the animal meets all health requirements for the State of Illinois. CVI's shall be made available to Bureau of Animal Health Personnel on request. CVI means a legible record made on an official form from the state of origin which has been issued, signed and dated by an accredited veterinarian and which shows the name and address of the animal's owner or exhibitor and the results of all required tests or vaccinations. A CVI shall list only one animal identification per line; shall be presented on the form on which it was initially issued; and shall not be corrected, changed or altered in any manner. All animals shall be officially identified. The animal(s) official identification shall be recorded on the CVI.

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. CVI for out-of-state livestock shall be void thirty (30) days after issuance. CVI for Illinois-origin livestock shall be void ninety (90) days after issuance. All livestock shall be subject to examination upon entry to any Illinois fair or exhibition. Any animal showing evidence of infectious, contagious or communicable diseases shall be immediately withdrawn and held in quarantine at the owner's risk and expense until properly treated and recovered, or until the animal is released to return to the owner's premise. Any livestock infected with scabies, mange, active lesions of ringworm, soremouth, or multiple warts which are easily visible without close examination shall not be permitted to exhibit and are subject to quarantine or removal from the fairgrounds.

Sheep and goats with caseous lymphadenitis as evidenced by draining abscesses shall not be exhibited and are subject to immediate quarantine or removal from the fairgrounds. Illinois Department of Agriculture personnel or designee may collect blood, tissue, milk or urine samples from any animal being exhibited and/or raced at any Illinois fair to test for the presence of illegal drugs or banned substances. New examination techniques, such as ultrasound, may also be used at anytime while the animals are on the grounds of any Illinois fair or exhibit.

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

## Livestock Requirements

All 4-H members must follow the health guidelines of the Illinois Department of Agriculture Bureau of Animal Health and Welfare when exhibiting any livestock at county and state fairs in Illinois. Those guidelines are updated annually. The 2020 guidelines will be found online @ <https://4h.extension.illinois.edu/programs/animal-sciences/livestock-issues>

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



## 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.*

## **Tentative Calendar of Dates, Deadlines and Fair Information**

*Times Are Subject to Change*

TUESDAY, JUNE 1 Horse Exhibitors *Ownership/Lease papers, pictures & permission to participate due in office. ISF Junior Horse entries need to be signed by 4-H Extension Staff by Wednesday, May 27.*

SATURDAY, MAY 1 YQCA & QAEC Requirements Completed to exhibit livestock at the fair.

TUESDAY, JUNE 1 Dog Exhibitors *Ownership/Lease papers, pictures & permission to participate due in office.*

FRIDAY, JUNE 25 4-H MINI FAIR ~ Cloverbud projects, Clothing & Textiles Projects, Vet Science & Animal Science Projects

FRIDAY, JUNE 25 DOG SHOW

State Fair Junior Livestock Entries are submitted on your own, *July 1st*. Please have entries signed by 4-H Extension Staff no later than June 30<sup>th</sup>. Please check the State Fair website for due dates: <https://www2.illinois.gov/statefair>

WEDNESDAY, JUNE 30 9:00 A.M. SET UP for Fair - *Bring pliers, gloves, rakes, shovels, rags*

JULY 5-9 4-H FAIR WEEK

### **MINI FAIR**

**FRIDAY, JUNE 25**

**9:00 A.M.**

**Dog Show at the Rabbit Barn**

**10:00 A.M. - Noon**

**Cloverbud Project Sharing at the 4-H Auditorium**

**1:00 P.M. -5:00 P.M.**

**\*Clothing & Textiles (Swing STEAM 1, 2, 3; and Shopping in Style 1-6 ), Veterinary Science, Small Pets, & Animal Science Projects**

\*Members will need to sign up for conference judging time slots by calling the Extension Office At 309/837-3939. There is an option for "Drop and Go" for members who do not feel comfortable with face to face judging. Contact Beth Chatterton for more information at [chattert@illinois.edu](mailto:chattert@illinois.edu) or 309/837-3939

# **FAIR WEEK**

## **GENERAL SHOW**

### **MONDAY, JULY 5**

#### **8:00- 9:00 A.M. PROJECT CHECK IN**

*Leave your project at judge's table. All projects not checked in by 9:00 a.m. will be considered dropped. Out of respect for judges, bring the tag of the dropped project and give to check in that day.*

**9:00 A.M. – Noon CONFERENCE JUDGING** – All youth with project(s) will visit with a judge about their 4-H Project. There is an option for "Drop and Go" for members who do not feel comfortable with face to face judging. Contact Beth Chatterton for more information at [chattert@illinois.edu](mailto:chattert@illinois.edu) or 309/837-3939.

• **All individuals who are exhibiting General Projects at the Illinois State Fair need to confirm to the office by Thursday, July 8 at 4:30 p.m.**

**1:30 p.m. RABBIT SHOW CHECK IN**-Show Barn

**2:00 p.m. RABBIT SHOW**-Show Barn

**5:00-8:00 p.m. LIVESTOCK CHECK IN** – *Hard copies of original registration papers must be present at time of check in.*

### **TUESDAY, JULY 9**

**8:00 a.m. SHEEP SHOW**-Show Barn

**1:00 p.m. GOAT SHOW**-Show Barn

### **WEDNESDAY, JULY 10**

**8:00 a.m. SWINE SHOW**-Show Barn

**2:00 p.m. POULTRY SHOW**-Poultry Building

### **THURSDAY, JULY 11**

**8:00 a.m. BEEF SHOW**-Show Barn

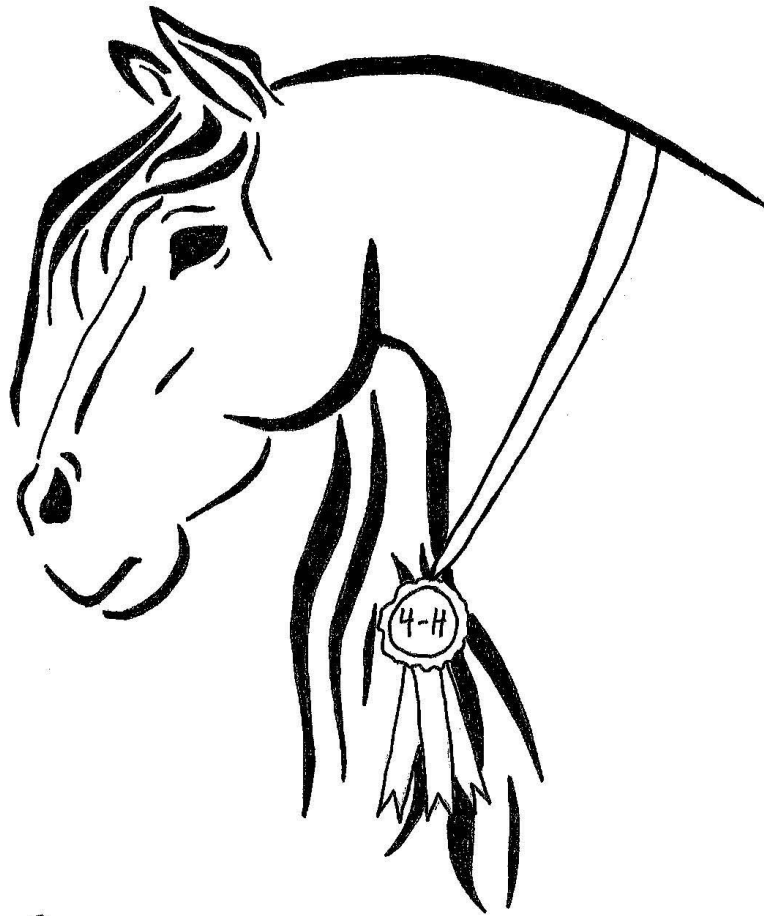
### **FRIDAY, JULY 12**

**9:00-9:45 a.m. HORSE SHOW CHECK IN** – Tent near arena. WARM UP.

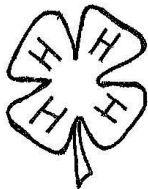
**10:00 a.m. HORSE SHOW** – Horse Arena

• Auditorium and Grounds/Barns clean-up will begin and all clubs are expected to participate.

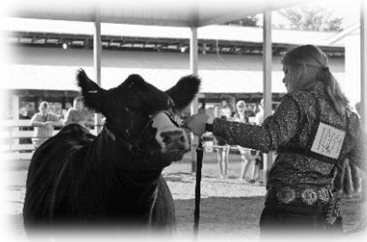
# Livestock Shows



*Mc Donough County 4-H Fair Book*



Isabelle English  
Bushnell Busy B's  
10 year 4-H Member



## 4-H BEEF SHOW

Thursday, July 8

8:00 a.m. SHOW BARN

PREMIUMS OFFERED "BLUE" - 4.0X "RED" - 3.0X  
"WHITE" - 2.0X

**SUPERINTENDENT: Cory Rigg** Committee Members: Janet Rigg; Scott Schwerer; Mike Cox; Mike Dorethy

**ILLINOIS CATTLE** - All cattle, **except** steers and calves less than 6 months of age, are to be accompanied by a CVI issued within 90 days prior to exhibition. Identification - Individual identification of each animal shall be either a fully healed and legible tattoo, official metal ear tag, registration number (can only be used if the tattoo is recorded the registration certificate or for breeds where pictures are acceptable), or individual brands, if brand is recorded on the registration certificate. Tuberculosis - Illinois is an Accredited Tuberculosis-Free State. Tuberculin test is not required for Illinois cattle. Permits are required for cattle entering Illinois from non-TB free states or areas. Any Illinois cattle being exhibited in non-accredited TB free states must be isolated from the remainder of the herd upon return to Illinois and retested for tuberculosis 60-120 days post-entry. Brucellosis - Illinois is a Bovine Brucellosis Class-Free State. Brucellosis testing is not required for Illinois cattle.

### **General Requirements on page 5.**

All registration papers on purebred heifers must be in the name of the exhibitor only. Animals without registration papers will be placed in the commercial class. 4-H members are limited to a maximum of 7 head with a maximum 3 steers. i.e. (3 steers/4 heifers; 2 steers/5 heifers; 1 steer/6 heifers; or 7 heifers). Can only exhibit 7 and collect a total of 8 monies. Only one premium per class will be paid. \*The cow/calf is considered same as one heifer.\* A legible and fully healed tattoo will be used to identify **all** beef animals. **Tattoo number must be on entry blank** and must correspond completely with tattoo in animal's ear at check-in time. Failure to comply with this rule is automatic disqualification. Steers will be identified by the Block A tattoo from the McDonough County official weigh-in. BUTT FANS ARE NOT ALLOWED- Only fans hung will be allowed in barn due to Safety Regulations. *Recommended to bring generators.*

**Showmanship** Junior Showmanship (age 8-10), Intermediate Showmanship (ages 11-13), Senior Showmanship (age 14 and over), and Advanced Showmanship (previous winners of senior showmanship) award trophies will be given. Age of exhibitor is determined at time of show. May only win one showmanship division per year. Beef Showmanship is a McDonough County 4-H member only activity. Participant must be currently enrolled in beef project and exhibiting in a 4-H beef class.

**Master Showmanship Beef** is open to an exhibitor who is a McDonough County 4-H Member, and enrolled in at least one of the three species in the contest. The exhibitor must be fourteen (14) years of age or older as of September 1, 2020. If the exhibitor should win in the McDonough County contest they must be able to attend and participate in the state contest at the Illinois State Fair **Friday, August 13th, 7:30 p.m.** See additional Master Showmanship Contest rules on page 11.

**Beef Rate of Gain:** Winner of this contest will be issued a trophy. All McDonough County 4-H steers weighed 2/20/21 at McDonough County weigh/tattoo date and weighed again at fair check in will be eligible for this award.

## **Beef classes offered 10101-10122**

### ***Heifer Classes***

- **Heifer Calf** (calf born after Jan 1, 2021) Registered and/or Commercial or Crossbred
- **Purebred Registered Heifer** (All heifers born in 2020). In order for a breed to have its own class, five head must be shown. All other purebred numbers will be grouped as AOB if not qualified to have own "class". Heifers must be owned by June 1 and recorded in breed association. Date of sale must be on registration papers. If you show more than 2 heifers in one class, only 1 monies will be paid. Classes will be divided according to age of heifer and breed.
- **Commercial or Crossbred Heifers** (All heifers born in 2020)  
Heifers must be owned by June 1. If you show more than 2 heifers in one class, only 1 premium will be paid. Classes will be divided according to age.
- **Senior Yearling Heifer** (heifer born between Sept. 1 and Dec. 31, 2018)
- **Cow & Calf** Cow and calf must be halter broke. Exhibitor must be the owner of the cow at the time of conception of the calf. Cow must be born prior to September 1, 2020 and calf born in 2021.

### ***Steer Classes***

- **Steers - All Breeds (All steers born in 2020)**  
Steers will be divided into weight classes after weighing on Monday from 5:00 pm to 8:00 pm. Steers must be owned by 4-H member by February 1, 2021. 4-H member is limited to 3 steers. No steer can be shown, regardless of birth date that does not have all of its milk teeth in place and no permanent teeth showing, or evidence thereof. The committee for the mouthing of steers will consist of the show veterinarian and beef superintendent. Steers must weigh minimum of 800 pounds to receive a "BLUE" rating. All 4-H steers must have a Block A tattoo and have been weighed by U of I Extension Staff or designated person.

# MCDONOUGH COUNTY MASTERSHOWMANSHIP CONTEST

## Contest Rules

The 2021 Master Showmanship Contest is sponsored by FSD WTAD Radio Station. Each contestant will be rated on a point system. You will be responsible for finding an animal to show in the area of swine, sheep, and cattle. The contestant does not have to own his/her animal, he or she could borrow the animal from a fellow 4-H member. There will be a questions section for each species. The 4-H member must be willing to fulfill the contest rules for local and state contest. High Point winner of each species and the Overall Winner will receive a prize.

The exhibitor must be a McDonough County 4-H Member, and enrolled in at least one of the three species in the contest. The exhibitor must be fourteen (14) years of age or older as of September 1, 2020. If the exhibitor should win in the McDonough County contest they must be able to attend and participate in the state contest at the Illinois State Fair **Friday, August 13th, 7:30 p.m.** Participants in the 2021 Master Showmanship Contest sponsored by Illinois Farm Bureau and the RFD Radio Network at the Illinois State Fair must supply his or her own livestock for the competition. Again, the contestant does not have to own the animal, he/ she could borrow the animal from another exhibitor at the fair.



## 4-H GOAT SHOW

**TUESDAY, JULY 6TH**

**1:00 PM. SHOW BARN**

**PREMIUMS OFFERED "BLUE" - 4.0X "RED" - 3.0X "WHITE" - 2.0X**

**SUPERINTENDENT:**

ILLINOIS GOATS - *Certificate of Veterinary Inspection will be required for goats. Identification*

*Individual identification of each animal shall be by ear tattoo or official metal or plastic tag. A microchip ID is acceptable if the owner provides the reader. Tattoos may be used when a registration certificate, listing the tattoo number, accompanies the animal. When using ear tags, the tag must indicate the premises ID and state of origin. The tag number must be assigned by a state or APHIS representative and recorded in the Scrapie record Database. Ears should be used for tattooing when possible. IF there is no space in the ear, the flank or tail fold may be used. Goats originating from a herd that has previously been classified as either an infected or source herd can be exhibited in Illinois upon the completion of an approved herd plan. For any animal born after 1/1/2002, the CVI must include the flock of birth and the flock or origin, if different. **General Livestock Requirements on page 5. Pygmy Goats can be exhibited in meat classes.***

Dairy Goat Kids and Yearlings Not In Milk must be owned by June 1, 2021 and Milking Does must be owned by January 1, 2020. All Meat Goats (wethers and all breeding animals) are to be owned by May 15, 2021. 4-H member may show one (1) entries per class and a maximum of six (6) monies paid. If you show more than 1 in a class, only 1 premium will be paid. Must be in place by 8:00 pm Monday, July 5th. **Showmanship** Award will be given to a currently enrolled member of McDonough County 4-H in the goat project and exhibiting in a 4-H goat class. Junior Showmanship (8-10 yrs), Intermediate Showmanship (11-13 yrs), Senior Showmanship (14+ yrs. of age), and Advanced Showmanship (previous winners of Senior Showmanship). May only win one showmanship division per year. Age of exhibitor is determined the day of show.

## Goat Classes 10450-10462

### **Meat Goat Doe Classes:**

- Under 6 months of age
- 6 to under 12 months of age
- 12 to under 18 months of age
- 18 to under 24 months of age
- 24 months and over

**Meat Buck Class** – Buck under 6 months. List birth date on entry form

**Single Meat Goat Wether Classes** – Light, Middle, and Heavy Weight Classes – Ages 3 to 12 months. List birth date on entry form. (Classes determined after check-in)

**Pairs of Meat Goat Wethers Class** – Wethers in this class must be 3 to 12 months old. List birth date on entry form. (Weight classes determined after check-in). Wethers must have been exhibited in the Single Meat Goat Wether class and owned by the exhibitor. Champion Overall will be chosen from the winner of each pair division.

### **Dairy Goat Classes:**

- Kids under 5 months of age
- 5 months to under 12 months of age
- (Dry) Yearling – 12 months to 24 months of age, *NOT* in milk
- (Milking) Yearling – 12 months to under 3 years
- Milking Does – 3 years of age and older

**Pair of Does Class** – (Class determined after check-in). Doe must have been exhibited in a Single Doe class and owned by the exhibitor. Champion Overall will be chosen from the winner of each pair division.

**Dairy Buck Class:** - Buck 6 months or younger. List birthdate on entry form

**Dam & Daughter Class:** - (Dairy or Meat) Doe must be under 12 months of age and have been exhibited in prior class.



Active Good Hoppers created works of art at the Birds Nest Knit & More



## 4-H HORSE SHOW

Friday, July 9<sup>th</sup>

10:00 a.m. Horse Arena

PREMIUMS OFFERED

"BLUE" - 3.0X "RED" - 2.0X "WHITE" - 1.0X

**SUPERINTENDENT:** Kelly Webster

**Committee Members:** Melissa Watkins, Kerry Davis, Jackie Sullivan

*All horses and other equidae, twelve (12) months of age and older attending an advertised equine event, shall be accompanied by a negative test for equine infectious anemia (EIA) conducted within the last twelve (12) months. A copy of this test shall accompany the animal. AGID (Coggins) or ELISA tests are accepted. An advertised equine event means a show, rodeo, sale, auction, exhibition, trail ride, or horse fair that is posted or media promoted. A CVI is not required for Illinois equine. **General livestock requirements on page 5.***

Check in is from **9:00 – 9:45 a.m.** The fair veterinarian will be checking test papers the day of the show. Member may show a **maximum of 5 animals** - only **one** entry in a class. **Maximum of ten premiums will be paid.** No animal may be shown by more than one exhibitor. All exhibitors must show in at least one at hand class (10501-10507); showing in riding classes is optional. Showmanship contest will be shown at halter. Animal must be owned or leased by the 4-H'er by **May 1, 2021.** Evidence of ownership or lease could be requested (Bill of Sale, Registration Papers, or Notarized Statement.) The leased animal must only be exhibited by the lessee. Horsemanship classes will be evaluated on the ability of the rider to handle his or her mount through gaits of walk, trot, and canter. A pattern will be required. The suitability of the animal and equipment to the rider will also be judged. This show will be subject to all general county policies, eligibility rules, health regulations and general rules. There will be no riding on the grounds except during the riding classes and specified warm up period. *For safety reasons ASTM/SEI approved riding helmets are required when mounted. **Classes may be split at judge's discretion.***



The 4-H Helping Hands rang bells for Salvation Army



## Horse Classes Offered 10501-10519

**Pony Halter** (10501)- **Mare or Gelding - under 56"** (including miniatures)

**Mare and Foal** (10502)- **Current Year**

**Weanling & Yearling** (10503)- **Current Year**

**2 & 3 Yr. Old Halter** (10504)- **Mare or Gelding - 56" and over**

**4 Yr. Old or Older Halter** (10505) – **Stock Type Mare & Gelding**- Includes: Quarter Horses, Paints, & Appaloosas

**Any Age & Height Halter** (10506) – **Non-Stock Type Mare or Gelding**-Includes: Arabians, Morgans, Saddlebreds & Draft, or **OTHER EQUINE.**

**SHOWMANSHIP AT HALTER** - Age of exhibitor on the day of the show

Advanced Division (previous winner of senior division)

Senior Division (ages 13 & over)

Junior Division (ages 8-12)

**Trail Class** (10507)– All Ages – Horse or Pony- In Hand Class

**Pony Pleasure** (10508)- All Ages - Under 56"

**Walk-Trot** (10509) – **Rider ages 13 yrs. and above.** (Riders age as of Day of Show) **Horse or Pony**

**Walk Trot** (10510) - **Rider ages 8-12 yrs old.** (Riders age as of Day of Show)**Horse or Pony**

**Novice Horse Pleasure** (10511) – Riders in this class may not have won more than 3 first place awards at *any* horse show self-declared.

**Advanced Horse Pleasure** (10512)- Riders in this class have won 4 or more first place awards at *any* Horse Show self-declared.

**Novice Horsemanship** (10513)– Riders in this class may not have won more than 3 first place awards in horsemanship at *any* horse show. Pattern will be displayed in the tent the day of the show.

**Advanced Horsemanship** (10514) – Riders in this class have won 4 or more first place awards in horsemanship at *any* Horse Show. Pattern will be displayed in the tent the day of the show.

**Egg and Spoon** (10515) – All Ages – Horse or Pony

**Figure 8 Barrels** (10516)– All Ages – Horse or Pony

**Apple Dumpling** (10517)– All Ages – Horse or Pony

**Flags** (10518)– All Ages – Horse or Pony

**Ranch Riding** (10519) – Pattern Class – Horse or Pony – Pattern available upon request before show starting June 1



## **4-H POULTRY SHOW**

### **Wednesday, July 7<sup>th</sup>**

### **2:00 p.m. Poultry Barn**

#### **PREMIUMS OFFERED**

**BLUE" - 3.0X "RED" - 2.0X "WHITE" - 1.0X**

**SUPERINTENDENT: Ann Knowles**

*Illinois Poultry Ownership dates are June 1, 2021 (or out of stock owned prior to June 1) All entries (except waterfowl, i.e. domesticated fowl that normally swim, such as ducks and geese) in a show or exhibition shall have originated from a U.S. Pullorum-Typhoid Clean or equivalent hatchery or flock; OR have a negative pullorum-typhoid test within 90 days prior to exhibition. Exhibitor shall show proper information as to name and address of owner or exhibitor, name and address of the authorized testing agent, date of the testing and the number, breed, and species of those tested. **All chickens over one year must have an annual Pullorum blood test and papers.** Exhibitor shall show proper information as to name and address of the owner or exhibitor, name and address of the authorized testing agent, date of the testing; also, the number, breed and species of those tested. Prior to being used to transport poultry to a show, all crates, boxes, containers and vehicles should be thoroughly cleaned and disinfected. Any poultry vaccinations must be performed at least 4 weeks prior to delivery to show. Upon admission to a show, all entries shall be examined by the official county fair veterinarian or qualified state personnel who shall also receive and examine all certificates necessary for admission of birds to a show. Birds not in show condition will be excused from exhibition and removed from the premises. Any fowl showing signs of illness during the fair will be removed from the exhibition grounds. All out-of-state turkey must originate from flock that are officially classified as US Mycoplasma Gallisepticum Clean in accordance with the provisions of the National Poultry Improvement Plan or be negative to a test for Mycoplasma gallisepticum within 30 days prior to entry. Exhibits to be in place in barn by 8:00 pm Monday, July 6th. Each exhibitor may show one entry per class. **General livestock requirements on pages 5.***

**POULTRY CLASSES 10601-10607** One entry per class.

**Chickens (Pair)** - Pair shall consist of two birds including one male and one female ...OR .. two females. (Heavy Breeds, i.e. Black Australorps, White Rock, Rhode Island Reds, Barred Rock, Bufforpingtons, etc.)

**Fancy Breed (Pair)**- Pair shall consist of two birds including one male and one female OR two females. (Small Breeds, i.e. Bantams, Rare and Unusual breeds)

**Market Trio Poultry**-Class to consist of three (3) offspring from the same flock with weights within 4 to 12 pounds.

**Waterfowl (Ducks and Geese) (Pair)** - Pair shall consist of two birds including one male and one female OR two females.

**Miscellaneous Poultry (Pair)** - Pair shall consist of two birds including one male and one female OR two females. This class includes turkeys, pheasants, guineas, quail, etc.

**Egg Production** - Exhibit will consist of one dozen eggs. *Eggs may be stored in the Extension Office refrigerator following check-in and will need to be removed several hours before judging.*



## **4-H RABBIT SHOW**

**Monday, July 5<sup>th</sup>**

**2:00 p.m. Show Barn**

**PREMIUMS OFFERED "BLUE" – 3.0X "RED" – 2.0X "WHITE" – 1.0X**

**SUPERINTENDENT: Trisha Kemble**

*Illinois Rabbits Does must be owned by June 1, 2021 of the year exhibiting. All others out of stock owned by the exhibitor prior to June 1. All rabbits should be examined at home for ringworm and mites. If there is evidence of ringworm or mites, rabbits should not be brought to the show. Market Trio, Single Fryer, and Single Baker Classes must check in Monday at 1:30 p.m. and stay for duration of the fair. All others may stay if room is available. All rabbits must be on grounds at least ½ hour prior to show, in secure carrier. Member may have only one entry per class with a limit of six monies paid. **Showmanship** Junior Showmanship (age 8-12), Senior Showmanship (age 13 and over). Age of exhibitor is determined at time of show. Award will be offered to participants currently enrolled as members of McDonough County 4-H in the rabbit project area. Member may receive the awards only once.*

### **Rabbit Classes Offered 10650-10671 One entry per class**

**All 4 Class per ARBA Standard** (Rex, Mini Rex, Dutch, Holland Lop, Polish, Lionheads, & Mini Satins)

**Senior Buck** – Older than 6 months

**Senior Doe** – Older than 6 months

**Junior Buck** - 6 months of age and under

**Junior Doe** – 6 months and under

**All 6 Class per ARBA Standard** (French Lop, Californians, Flemish Giant, New Zealand, Silver Fox, & Satins)

**Senior Buck** - Older than 8 months

**Senior Doe** - Older than 8 months

**Int. Buck** – 6 – 8 months

**Int. Doe** – 6 - 8 months

**Junior Buck** – Under 6 months

**Junior Doe** – Under 6 months

***Crossbreds (not shown in a previous class)***

**Senior Buck** - Older than 8 months

**Senior Doe** - Older than 8 months

**Int. Buck** – 6 – 8 months

**Int. Doe** – 6 - 8 months

**Junior Buck** – Under 6 months

**Junior Doe** – Under 6 months

### ***Pet Care Classes***

**Sr. Pet Care** - Class to consist of any age rabbit and breed – youth age 13 years and older

**Jr. Pet Care** - Class to consist of any age rabbit and breed – youth age 12 years old and younger

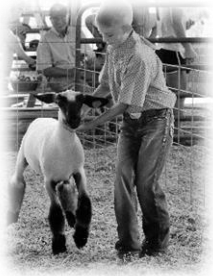
### ***Market Classes***

**Meat Pen** - Class to consist of three (3) offspring from the same litter. Each rabbit must weigh between 3-5 pounds.

**Single Fryer** - Exhibit one rabbit from meat pen weighing 3-5 pounds. Not to exceed 5 pounds.

**Single Baker** - Exhibit one rabbit over 5 lbs.

**Costume Parade** – (Not premium eligible) – exhibits can showcase one of their rabbits in a costume they created (handmade or store bought) along with a short written description of their rabbit costume.



## **4-H SHEEP SHOW**

**Tuesday, July 6<sup>th</sup>**

**8:00 a.m. SHOW BARN**

**PREMIUMS OFFERED**

**"BLUE" - 4.0X "RED" - 3.0X "WHITE" - 2.0X**

**SUPERINTENDENT: Mr. Curt Rigg**

**Assistant Superintendent: Beth Powell**

**ILLINOIS SHEEP** - *Certificate Veterinary Inspection will be required. Identification Individual identification of each animal shall be by an ear tattoo or official metal or plastic tag. A microchip ID is acceptable if the owner provides the reader. Ear tattoos may be used when a registration certificate, listing the tattoo number, accompanies the animal. When using ear tags, the tag must indicate the premises ID and state of origin. The tag number must be assigned by a state or APHIS representative and recorded in the Scrapie record Database. For any animal born after 1/1/2002, the CVI must include the flock of birth and the flock or origin, if different. Sheep originating from a flock that has previously been classified as either an infected or source flock can be exhibited in Illinois upon the completion of an approved flock plan. All wethers must be slick shorn (show ring ready) before weigh-in so that show lamb fungus can be identified.*

### **General livestock requirements on page 5.**

Breeding sheep must have been the property of the exhibitor since June 25, 2021. Wethers must have been the property of the exhibitor on or before May 15, 2021. A legible and fully healed ear tag or tattoo will be used to identify all sheep. Failure to comply with this rule is an automatic disqualification. All lambs exhibited must be docked. *All lambs must have been lambed on or after January 1, 2021.* All purebred sheep must have registration papers in 4-H member's name only to be eligible to show. Members may exhibit in both breeding and market classes; however, the same lamb cannot be exhibited in both breeding and market classes. Each 4-H member can exhibit a maximum of 6 animals (maximum of 2 wethers) and collect no more than 7 monies in the sheep division. Seventh premium will only be available to exhibitors with pair of wethers. Exhibitors who have 2 in a class, will only receive 1 premium. The participant must be a currently enrolled member of McDonough County 4-H in the sheep project area and exhibiting in a 4-H sheep class. **Showmanship** Junior Showmanship (age 8-10), Intermediate Showmanship (age 11-13) Senior Showmanship (14 and older), and Advanced Showmanship (previous winners of senior division) awards will be given. *Age of exhibitor is determined as day of show.* A 4-H member may win one showmanship division per year. The participant must be a currently enrolled member of McDonough County 4-H in the sheep project area and exhibiting in a 4-H sheep class.

**Master Showmanship Sheep** is open to an exhibitor who is a McDonough County 4-H Member, and enrolled in at least one of the three species in the contest. The exhibitor must be fourteen (14) years of age or older as of September 1, 2020. If the exhibitor should win in the McDonough County contest they must be able to attend and participate in the state contest at the Illinois State Fair **Friday, August 13th, 7:30 p.m.** See additional Master Showmanship Contest rules on page 11.

## Sheep Classes Offered 10401-10425

### *Breeding Stock Classes*

- **Purebred Yearling Ewe** - Lambed January 1-August 31, 2020. Ewes in this class must be owned, by the 4-H exhibitor, by June 25, 2021.
- **Purebred Ewe Lamb** - Lambed on or after September 1, 2020. Ewes in this class must be owned, by the 4-H exhibitor, by June 25, 2021.
- **Purebred Ram Lamb** - Lambed on or after January 1, 2021. Rams in this class must be owned, by the 4-H exhibitor, by June 25, 2021.
- **Commercial Yearling Ewe** - Lambed January 1-August 31, 2020. Ewes in this class must be owned, by the 4-H exhibitor, by June 25, 2021.
- **Commercial Ewe Lamb** - Lambed on or after Sept. 1, 2020. Ewes in this class must be owned, by the 4-H exhibitor, by June 25, 2021. (weight classes will be determined after weigh-in)

### *Wether Classes*

**Single Market Wethers** - Lambed on or after January 1, 2021. Wethers in this class must be owned, by the 4-H exhibitor, by May 15, 2021. Must be a wether and may be crossbred or grade. (Weight classes will be determined after weigh-in). Each 4-H member may show a maximum of two market wethers.



Blandinsville Blue Ribbons created special Valentines for assisted living residents



## 4-H SWINE SHOW

Wednesday, July 7<sup>th</sup>

8:00 a.m. SHOWBARN

PREMIUMS OFFERED

"BLUE" - 4.0X "RED" - 3.0X "WHITE" - 2.0X

SUPERINTENDENT: Victoria Engnell

**ILLINOIS SWINE** - Accompanied by CVI issued within 90 days prior to exhibition. Swine shall be identified by an official ear tag, tattoo or recognized breed ear notch. Ear notch identification is acceptable for barrows, crossbred gilts and breeding swine. (Note: Ear notch identification of crossbred swine does not satisfy USDA identification requirements for interstate movement or official testing.) Brucellosis - Brucellosis test not required for Illinois swine. Pseudorabies - Pseudorabies testing is not required for Illinois swine. **General livestock requirements on page 5.**

Ear notches (on both ears) must be notched and agree with those recorded on the registration and health certificates. Fresh or unhealed ear notches are not allowed. **All swine must have been the property of the exhibitor since JUNE 1, 2021.** All purebred gilts will be exhibited by breeds and month of birth and crossbreds will be weighed and exhibited in crossbred gilt classes. Each purebred animal must be registered in the exhibitor's name only. A **maximum of 6 Head of Swine** may be entered in 4-H Swine Show and collect a total of 6 monies. An exhibitor may show a maximum of **4 single Gilts**. An exhibitor may show 4 purebred gilts or 4 crossbred gilts or a combination of **which only one** can be in the same class not to exceed the 4 gilt limit or the 6 head of swine limit. Only one premium will be paid per class. An exhibitor may show a maximum of **4 single barrows** of which only 2 may be in the same class, but a premium will only be paid for one. (Example: 1 barrow from 210-230 weights and 1 barrow from 240-260 weights.) If an exhibitor shows 4 single barrows then they may only show 1 per class.

**Showmanship** classes will be held at the end of the Swine Show. Participant must be a currently enrolled member of McDonough County 4-H in the swine project area and exhibiting in a 4-H swine class. Junior Division - (age 8-10); Intermediate Division (age 11-13); Senior Division - (age 14 & over); and Advanced Division – (previous winners of senior division). *Age of exhibitor is determined as day of show.* A 4-H member may win one showmanship division per year. **Master Showmanship Swine** is open to an exhibitor who is a McDonough County 4-H Member, and enrolled in at least one of the three species in the contest. The exhibitor must be fourteen (14) years of age or older as of September 1, 2020. If the exhibitor should win in the McDonough County contest they must be able to attend and participate in the state contest at the Illinois State Fair **Friday, August 13th, 7:30 p.m.** See additional Master Showmanship Contest rules on page 11.

## Swine Classes Offered 10301-10325

### ***Gilt Classes***

- **Purebred Breeding January Gilt** - Farrowed during the month of January 2021.
- **Purebred Breeding February Gilt** - Farrowed during the month of February 2021.
- **Crossbred Breeding Single Gilts** - Farrowed during January and February 2021. The number of Crossbred Breeding Single classes will be determined after all entries have been made, checked in, and weighed.

### ***Barrow Classes***

- **Single Barrow** – *Purebred and Crossbred* -(Weight classes determined after weigh-in). 4-H member may exhibit 4 single barrows not to exceed the 6 total head limit. The number of single barrow classes will be determined after all entries have been made, checked in, and weighed. Barrowed farrowed on or after January 1, 2021.



McDonough County Federation created Cookie Bags for local food pantries



MINI FAIR

*June 25*





## 4-H DOG SHOW

FRIDAY, JUNE 25th

9:00 a.m. Rabbit Barn

PREMIUMS OFFERED

Dog Conformation "BLUE" - 3.0X "RED" 2.0X "WHITE" - 1.0X

Dog Obedience "BLUE" - 3.0X "RED" 2.0X "WHITE" - 1.0X

**SUPERINTENDENT:** Karen Chatterton

All dogs being shown in the dog obedience project must be trained by and belong to the exhibitor or to a member of the exhibitor's immediate family; or the dog can be leased with a signed agreement by June 1, 2020. The signed lease agreement must be on file at the McDonough County Extension Office by June 1, 2021. Dog may be purebred or non-purebred; male or female. To exhibit, the owners must have a certificate from a veterinarian showing the dog has had its rabies and parvovirus vaccinations and be registered with the county.

- All dogs must be shown with a six foot leather, nylon, or canvas leash and must be under the exhibitor's control at all times. No prong or electronic collars are allowed on dogs on the fairgrounds. Collars with identification tags are not show collars and should not be used in the show rings. Harnesses or other training aids (i.e. gentle leader) are not show collars. A location will be determined for handlers, dogs and family members during the show.

Copies of exercises and points for obedience classes are available at the Extension Office. A dog that is not under the control of the exhibitor, or shows viciousness toward its handler, judge, or other dogs will be excused from further competition. \*\*Members must complete a dog obedience course before the fair to in order to participate in a Dog Obedience and Showmanship class. If you take an obedience class outside of McDonough County, please bring proof of completion the day of the show.

- **If a State Fair qualifying score of 170 was achieved previously, a dog cannot repeat the same class except in *Graduate Novice, Pre Open, Open, Graduate Open, and Utility*. Exhibitors may show for two (2) years in *Graduate Novice* providing the dog does not have a CDX or qualified for a leg on a CDX. *Open and Utility* exhibitors can show for three (3) years in these classes (Exception: if a dog has 3 qualifying scores for a degree 6 months prior to the 4-H Dog Obedience Show, it must be shown in the next highest class)."**
- **Exhibitor may enter *Beginner Novice I* class only once. After exhibiting in the *Beginner Novice I* class, he or she must advance to *Beginner Novice II* or *Pre Novice*.**
- **AKC rules will be used for judging.**
- **This is a State Fair qualifying exhibition opportunity and all State Fair rules and requirements will be followed.**
- **Female dogs in season cannot participate in the 4-H Dog Show and may not be present on the fairgrounds during the show.**
- **A run-off will be held in case of a tie for total score. All beginning level classes will use on-leash heeling exercises. All advanced classes will use novice off-leash heeling exercises.**

One dog per member. Dog can exhibit in Dog Care, one Obedience Class, and Showmanship.

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

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

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

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

**Preferred Novice Class**

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

**Novice Class**

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

**Graduate Novice Class**

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

**Preferred Open Class**

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

**Open Class**

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

### **Graduate Open Class**

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

### **Preferred Utility Class**

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

### **Utility Class**

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

## **RALLY OBEDIENCE**

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

### **Rally Novice**

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

### **Rally Intermediate**

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

### **Rally Advanced**

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

### **Rally Excellent**

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

## 4H-EXHIBIT CLASSES OFFERED ON MINI FAIR DAY FRIDAY, JUNE 25

***Exhibits for the following classes be CONFERENCE judged OR Drop and Go.***

**PREMIUMS OFFERED      "BLUE"      3.0 X      "RED" 2.0 x      "WHITE"      1.0 x**

### CLOTHING & TEXTILES

All exhibits entered in the clothing and textiles area will be judged based on their construction and fit (if applicable). Exhibitors bringing garments should not wear their garments when they arrive for judging as the garment will be reviewed by the judges for construction first. Exhibitors will be asked to change into the garment as the second step of the judging process. If the garment was constructed for another individual, that individual must be present to wear the garment for the judge. (Only the exhibitor who made the garment is eligible for ribbon and premium.) Construction and appearance will both be considered during judging. If a pattern was used to make the item, the pattern instructions, either written or electronic, are to be included with the exhibit. Exhibit tags should be attached to the garment, not to the hanger.

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

#### CLOTHING: STEAM

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

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

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

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

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

##### **Sewn Non-Clothing Exhibits (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 (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 (50152a, 50152b, 50152c)**

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

**Non-Sewn Exhibits (50152a) Exhibit one of the following:**

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

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

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

**Non-Sewn Exhibits (50153a) Exhibit one of the following:**

- Clothing Portfolio – Complete at least four different samples/activities from Chapters 2, 3 AND/OR 4 of the project manual. The Portfolio should be placed in an 8 ½" x 11", 3 ring binder. Include an appropriate cover, dividers, and table of contents. NOTE – this can be a continuation of a Portfolio created in STEAM Clothing 1 and/or STEAM Clothing 2. Additional pages can be added each year but must be dated with the year created. See project manual, pages 11-13, for portfolio formatting.
- Expanded Textile Science Scrapbook – Must include at least 10 different textile samples. Use Textile Information Cards template on page 29 in the project manual to identify fabric swatches. Completed textile cards should be

placed in an 8 ½" x 11", 3 ring binder. Include an appropriate cover. See project manual, pages 39-52, for fabric science experiments.

- Advanced Entrepreneurial Sewing – Using knowledge gained in project manual, Chapter 5, display one sample product with a business plan that includes a business ID and logo. The exhibit may be a notebook, poster or small display.

**Sewn Non-Clothing Exhibit (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 (50153c) Exhibit one of the following:**

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

## **CLOTHING: SHOPPING**

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

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 the previous year's learning experience.

### **Shopping in Style (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** – (50155) Choose one of the following activities from Unit 3 or Unit 4 of the project book:

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

- Exhibit should include garment you purchased along with a poster or report that 1) includes a wardrobe inventory which indicates why you selected the garment you did, clothing budget, and cost of garment; **OR** 2) explains how advertising influences clothing purchases, making a distinction between wants and needs; and how the purchase of this garment compliments and/or extends your wardrobe. **OR**
- Exhibit should include garment you purchased along with a poster or report that 1) describes a cost comparison of this item completed by the exhibitor when purchasing the garment; should include variety of shopping options and/or price tracking at stores over a period of time; **OR** 2) provides a quality comparison rating the specific clothing item purchased based on care, construction, cost and unique features; should include construction quality details, design features that influenced selection, cost per wearing, and garment care.

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

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

**Sewing & Textiles Ready4Life Challenge** (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.

## ANIMAL SCIENCE

**ALL items in the display should be affixed to the display board. NO additional items should be included.** Live animals are not permitted as exhibits in this area.

**Open to members enrolled in Beef, Cats, Dairy, Dogs, Goats, Horse, Poultry, Rabbits, Sheep, and Swine**

**Animal Science** (50135)

Prepare a display focusing on any activity related to the animal 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** (50137)

**Open to 11- to 18-year-olds enrolled in any Beef, Cats, Dairy, Dogs, Goats, Horse, Poultry, Rabbits, Sheep, and Swine project.**

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

# SMALL PETS

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

## **Animal Science Small Pets (50135)**

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

## **Animal Science Guinea Pigs Display (50135)**

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

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

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

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

# VETERINARY SCIENCE

## **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.



## 4H-EXHIBIT CLASSES OFFERED ON MINI FAIR DAY MONDAY, JULY 5

***Exhibits for the following classes be CONFERENCE judged OR Drop and Go.***

**PREMIUMS OFFERED      "BLUE"      3.0 X      "RED" 2.0 x      "WHITE"      1.0 x**

### AEROSPACE

#### **Model Rocketry (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 (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 (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.

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

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

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

# CHILD DEVELOPMENT

## **Child Development (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 (50142)**

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

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

# CIVIC ENGAGEMENT

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

## **Civic Engagement 1 (50145)**

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

## **Civic Engagement 2 (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 (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 (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.

## **COLLEGE & CAREER READINESS**

### **Build Your Future** (50365)

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

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

### **College & Career Ready4Life Challenge** (50366)

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

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

## **COMMUNICATIONS**

### **Communications 1** (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 a section showcasing at least four additional activities per year.

### **Communications 2** (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 a section showcasing at least four additional activities per year.

### **Communications 3** (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 a section showcasing at least four additional activities per year.

### **Creative Writing (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 the exhibitor's name. Entries must be original and **written for the 4-H project**. Stories should be double-spaced. Poems may be single-spaced.

- **Rhymed Poetry** – An interpretation of a subject in rhymed verse. Submit a collection of three poems.
- **Free Style Poetry** – An interpretation of a subject in unrhymed verse. Submit a collection of three poems.
- **Short Story** – A fiction piece comprised of three basic elements: a theme, a plot and characters. Submit one story, maximum length: 2,000 words.
- **Essay** – A short nonfiction composition in which a theme is developed or an idea is expressed. Submit one essay, maximum length: 500 words.
- **Feature Story** – Nonfiction human-interest story judged on interest to readers, writing style, readability, and thoroughness of coverage. Submit one story, maximum length: 1,000 words.

### **Journalism (50369)**

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

- **Year 1:** Accomplishments of a minimum of 5, 2-star activities from Part 1, answering all the questions in the activities.
- **Year 2:** Results of doing a minimum of 5, 2-star activities in Part 2, answering all the questions in the activities.
- **Year 3:** Results of doing a minimum of 5, 3-star activities from Parts 1 and 2. One of the activities must include writing an advance story, a follow-up story, or a feature story.
- **Year 4:** Results of doing at least 2, 2-star activities and 3, 3-star activities from Part 3. If the activities include making an audio or videotape, State Fair will provide a way for the judge to view or listen to it.

### **Communications Ready4Life Challenge (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.

## **COMPUTER SCIENCE**

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

### **Beginning Visual Programming (not eligible for state fair)**

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

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

### **Intermediate Visual Programming (50159)**

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

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

### **Advance Visual Programming (50160)**

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

Exhibit a video game you have created in Scratch (or other simple visual programming language). All exhibits must include something visual, such as a poster or printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

### **Website Design (50161)**

#### **Open to youth in Computer Science Visual or Text Based Programming**

Exhibit an original website that you have designed. Internet access will not be provided, so exhibitors must supply their own internet hotspot or the website must be hosted on the exhibitor's computer). All exhibits must include something visual, such as a poster or printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

### **Computer Open Source / Innovation CS (50162)**

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

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

### **Computer Science Ready4Life Challenge (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.

### **Computer Science Maker (50400)**

#### **Counties may submit 3 entries TOTAL combined from all Maker exhibit divisions.**

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

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

# CONSUMER EDUCATION

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

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

## **My Financial Future 1 Beginner** (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** (50169)

Building on your previous work in My Financial Future – Beginner project, continue adding to your Financial Planning portfolio which includes the items listed below. Members are encouraged to spend more than one year involved in this project so they have time to thoroughly explore the learning modules and develop a greater understanding of financial literacy, planning for their future, and develop a comprehensive career and financial planning portfolio. The original OR photocopies of the completed activities from the project manual should be included in the portfolio. Each year enrolled in the project should build on previous year's learning experiences.

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

## **Consumer Ed Ready4Life Challenge** (50167)

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

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

# CROPS

## **Soybeans (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 (50171)**

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

## **Small Grains (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 (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 (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

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 (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 (50376)**

Exhibit one Unmanned Aerial Vehicle and associated system assembled or made by the member. UAV or Drone exhibits in this class must be either originally designed or built from a kit of reconfigurable parts and components. These displays are limited to multicopters (tri, quad, hex, and octocopters), as well as FPV airplanes and flying wings with wingspans up to 36". A detailed build log with pictures, as well as a Mission Logbook must be included. The UAV MUST have a Flight Controller and utilize a camera/video transmission system. The exhibit will be a static display. The Drone should be in good flying condition with batteries fully charged, and all UAS components (including Video System) ready to demonstrate. DO NOT display your UAV with the propellers on, but rather on the table to the side of your UAV. The Drone will not be flown. Attach the printed directions/instructions of the UAV if any were used.

## **ELECTRICITY**

### **Electricity 1 (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, and brads are not eligible for state fair exhibits in electricity. Members wishing to exhibit these types of projects should consider exhibiting in Junk Drawer Robotics 1 or 2.

### **Electricity 2 (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, and brads are not eligible for state fair exhibits in electricity. Members wishing to exhibit these types of projects should consider exhibiting in Junk Drawer Robotics 1 or 2.

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

Exhibit a 120V lighting fixture or other appliance that uses a switch; **OR** two electrical household circuits using 120V materials to comply with National Electrical Code, one with a simple on/off switch to control bulb, and one using 3-way switches to control light from two locations; **OR** other project which demonstrates principles in the Wired for Power book. All electricity projects must include a report, explaining how the project was constructed, and principles for its operation. Recommendations can be found 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 (50181)**

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

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



# ENTOMOLOGY GENERAL

Size and number of exhibit cases should relate appropriately to the number of insects being displayed for a specified class. Cases should be no deeper than 4". Exhibitors should note that Entomology exhibits may be placed UPRIGHT for display.

## **Entomology 1 (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 (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 (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 (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 (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.



Scotland Clever Clovers lends a hand at Genesis Gardens

# ENTOMOLOGY BEEKEEPING

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

## **Beekeeping 1 (50188)**

Exhibit an educational display for one (1) of the following:

- Flowers used to make honey. Display pressed flowers from ten (10) different Illinois plants that bees use for making honey.
- Uses of honey and beeswax.
- Setting up a beehive.
- Safe handling of bees.
- Equipment needed by a beekeeper.

## **Beekeeping 2 (50189)**

Exhibit one (1) of the following:

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

## **Beekeeping 3 (50190)**

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

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

## **Entomology Beekeeping Ready4Life Challenge (50191)**

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

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

# ESPORTS

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

## **eSports (50430)**

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

# EXPLORATORY

not eligible for state fair

## **EXPLORATORY (Welcome to 4-H)**

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

- Windowsill gardening; **OR**
- 4-H animals; **OR**
- 4-H family; **OR**
- Coat of arms

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

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

# FAMILY HERITAGE.

## **Family Heritage (50197)**

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

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

**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.

# FOODS & NUTRITION

## **4-H Cooking 101** (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** (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** (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** (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** (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** (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 (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 (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 50206)**

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

- Examples for Activity 1
- Example A: Make a video of yourself practicing flexibility, strength and endurance physical fitness activities and making pasta salad with different vegetable, pasta and dressing ideas. Bring a screenshot and brief description of your video to leave on display.
- Example B: Make a poster of pictures of flexibility, strength and endurance physical fitness activities and information on the results of making the spinach and mandarin orange salad. Include answers to the questions in the book.

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

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

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

All preserved products should be prepared and processed according to the current USDA/Extension information. USDA information on preserving food, including recipes, can be found at: [www.homefoodpreservation.com](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, 2021.
- Green beans, pressure canner. July 13, 2021.
- Beef jerky, food dehydrator and oven. July 13, 2021.

**All food exhibits must be accompanied with the recipe(s)** – typed or written, with the source of the recipe(s) listed.

**Required Recipes and Sources for Food Preservation Exhibits** – all food preservation recipes must be from an approved source. Those sources are:

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

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

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

**Foods Innovation Class (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 (50210)**

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

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

# FORESTRY

## **Forests of Fun 1 (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 (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 (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 (50216)**

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

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

# GEOLOGY

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

## **Pebble Pups 1 (50218)**

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

## **Pebble Pups 2 (50219)**

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

## **Rock Hounds 1 (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 (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 (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

**Health 1 (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 (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 (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 (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 (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**

### **Floriculture A (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 (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 (50194)**

Exhibit one of the following options:

- Create a terrarium. Selected plants should be started by the exhibitor from cuttings or seeds or as purchased plugs. The terrarium must be cared for by the exhibitor for at least 5 months. Exhibitor should be able to explain the different plant, soil, and environmental needs and watering requirements of a closed system; **OR**
- Exhibit a plant that you propagated from cuttings, layering or division or started from seed. Create a photo board showing the progression of growth. Tips for vegetative propagation of houseplants can be found in the University of Illinois Extension Gardener's Corner ([go.illinois.edu/gardenerscorner](http://go.illinois.edu/gardenerscorner)).

### **Floriculture D (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 (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 (50198)**

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

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

## **HORTICULTURE: VEGETABLE GARDENING**

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

### **Herb Display (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 (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 (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 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.

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

# INTERCULTURAL

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

## **Passport to the World, Individual (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 (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 (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* (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.



McDonough County held a drive thru 4-H Awards program

# INTERIOR DESIGN

## **Design Decisions, Beginning (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 (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 (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 (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 (50247)**

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

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

# LEADERSHIP

## **Leadership 1 (50249)**

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

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

### **Leadership 2 (50250)**

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

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

### **Leadership 3 (50251)**

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

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

### **Leadership Innovation Class (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 (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 (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

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

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

# NATURE: NATURAL RESOURCES AND OUTDOOR ADVENTURES

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

## Natural Resources 1 (50256)

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

## Natural Resources 2 (50257)

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

## Natural Resources 3 (50258)

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

## Outdoor Adventures 1: (50259)

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

## Outdoor Adventures 2 (50259)

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

## Outdoor Adventures 3 (50259)

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

## Natural Resources Ready4Life Challenge (50267)

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

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

# NATURE: FISHING AND WILDLIFE

## **Sportsfishing 1 (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 (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 (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 (50266)**

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

## **Wildlife 2 (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 (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 (50291)**

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

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

## **Exploring Your Environment 1 (not eligible for state fair)**

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

## **Exploring Your Environment 2 (not eligible for state fair)**

Prepare a display or poster that illustrates an activity from the project manual. The display should demonstrate an understanding of one of the following: stewardship of natural resources, investigating greenhouse effects on living organisms, methods of reducing or managing waste in your home or community, or calculating your ecological footprint. Include your project manual that documents activity recordkeeping, your answers to activity questions, and details personal thoughts and ideas.



# PHOTOGRAPHY

ALL photos in exhibits must have been taken by the exhibitor. Photo/Model releases from individuals pictured in the exhibitor's photographs are required unless the photograph is of a group in a public place where identification would not be an issue. The release can be obtained at: <https://4h.extension.illinois.edu/members/projects/photography>. Photos may be taken with a camera, an electronic tablet (i.e. iPad), or a cell phone.

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

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

Additional details required for Photo Editing ONLY:

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

Members are allowed to shoot on a camera's automatic 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 (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 (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 (50270)

Exhibit one of the options listed below:

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

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

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

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

### **Photography Innovation Class: (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 (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**

Not eligible for state fair

### **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

**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:** (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:** (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** (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** (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** (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 (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**

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 (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 (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 (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 (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 (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

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 (50294)

Exhibit a display, selecting one of the following items:

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

## Small Engines 2 (50294)

Exhibit a display, selecting one of the following items:

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

## Small Engines 3 (50294)

Exhibit a display, selecting one of the following items:

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

## Small Engines Ready4Life Challenge (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

not eligible for State Fair

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

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

No 3-D Printer or 3-D printed object is required for this exhibit. Exhibit a simple 3-D rendered design using Computer Aided Design (CAD) Software such as Tinker CAD or Inventor. The design must be an object that performs a specific task, and it may not be based on already existing 3-D models. It must be able to be 3-D printed. Any CAD software can be used, but files must be in .STL format. Bring your design on a flash drive to be viewed for judging. Exhibits in this class may not have multiple parts, doors, hinges, or any sort of mechanics.

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

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

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

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

## **3-D Printing Beginner** (not eligible for State Fair)

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

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

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

Exhibitors are expected to go above and beyond those expectations set in 3-D Printing beginner. Exhibit a Complex 3-D printed object designed using Computer Aided Design (CAD) software such as Tinker CAD or Inventor. The 3-D print must be an object that performs a specific task, and it may not be based on already existing 3-D models. Exhibits in this class **MUST** have multiple parts, doors, hinges or some sort of mechanical feature. It must be 3-D printed using **ONLY A COMMERCIALY AVAILABLE HOME/DESKTOP 3-D PRINTER**. In addition, original design files must accompany each exhibit. These files must be in .STL format. Bring your design on a flash drive to be viewed for judging.

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

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

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

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

## **THEATRE ARTS**

### **Theatre Arts 1** (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** (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** (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** (50304)

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

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

# TRACTOR

## **Tractor A (50306)**

Exhibit a display or poster that illustrates one of the following topics: tractor safety; care and maintenance; the tractor as a valuable farm machine; or an activity listed in the 4-H project manual.

## **Tractor B (50307)**

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

## **Tractor C (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 (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 (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 (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.



# VIDEO/FILMMAKING

**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 (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 (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 (50326)**

Video in this class should represent a research-based investigation into a topic of choice. Video credits should list research sources and may include paper or electronically published materials, as well as interviews with experts or constituents related to the topic of investigation.

## **Short Story or Short Narrative (50327)**

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

## **Video/Filmmaking Innovation Class (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 (50330)**

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

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

# VISUAL ARTS

Exhibitors must be enrolled in the Visual Arts project category in which they are exhibiting. Exhibitors are encouraged to date the project when it is made. All visual arts exhibits are evaluated using a visual arts rubric which takes into account correct use of design elements; craftsmanship; and creativity.

Articles exhibited must be an original design created by the exhibitor (except in heritage arts which may follow a pattern AND Fiber-Non Original Ages 8-10 ONLY). Copyrighted or trademarked designs are not acceptable; this includes Team or School logos. Kits and preformed molds are not considered original and are not acceptable in any Visual Arts Class. Combining parts of different patterns (pictures, photographs, images from the internet or a magazine) with the member's own ideas can result in an original design, but simply changing the color, pattern and/or size of a pattern does NOT make the design original. This also applies for ideas found on a site such as Pinterest. If you see something on Pinterest that you like, create something different using the concept, however, it MUST NOT look exactly like something the judge can search for and find on the internet. The exhibit must combine parts of different patterns and/or ideas with the concepts of the member, however changing the color or changing the size of the item or pattern used does NOT make it original. If you create a replica of what you see somewhere else, it is not your original design. If a photo, sketch, or other idea source was used, submit it with your entry, firmly attached to your exhibit. Be prepared to explain how and where you got the idea for this project.

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

## **Visual Arts Food/Cake Decorating Beginning (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 (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 (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 (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 (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 (50352)**

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

#### **Visual Arts Clay (50337)**

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

#### **Visual Arts Computer-Generated Art (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 (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 (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 (50340)**

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

#### **Visual Arts Heritage Arts (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 (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 (50342)**

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

#### **Visual Arts Nature (50343)**

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

#### **Visual Arts Paper (50344)**

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

#### **Visual Arts Scrapbooking, Beginning (50345)**

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

#### **Visual Arts Scrapbooking, Intermediate (50346)**

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

#### **Visual Arts Scrapbooking, Advanced (50347)**

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

#### **Visual Arts Three-Dimensional Design/Mixed Media (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 (50349)**

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

### **Visual Arts Ready4Life Challenge (50351)**

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

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

## **WEATHER**

### **Weather and Climate Science 1 (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 (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 (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 (50395)**

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

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

# WELDING

## **Welding (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 (50355)**

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

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

# WOODWORKING

## **Woodworking 1 (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 (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 (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 (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 (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.