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### COLLEGE OF AGRICULTURAL, CONSUMER & ENVIRONMENTAL SCIENCES

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## POPE-HARDIN COUNTY 4-H DEADLINES & TENTATIVE SHOW SCHEDULE

***Please pay close attention to deadlines. Failure to adhere to these, and other deadlines, may result in forfeiture of participation in the given activity.***

March 19	Final day to enroll in Public Presentations project.
March 31	Final day to enroll in Virtual International Night
April 8	Virtual International Night, Zoom 6 PM
April 12	Public Presentations, Saline County Extension Office 6 PM
May 1	Final day to change projects. Final day to enroll in 4-H to be eligible to exhibit at the 2021 Pope-Hardin County 4-H Show. All enrollment forms must be turned in.
June 1	QAEC must be completed. Failure to complete this training by the deadline will result in being unable to exhibit horses, small pets, dogs, cats, rabbit, or poultry. YQCA must be completed. Failure to complete this training by the deadline will result in being unable to exhibit beef, goat, sheep, or swine.
June 26	General Show, Dixon Springs Agricultural Center Check in at 8:30 AM Starts at 9 AM Projects include: all general projects, livestock posters, shooting sports exhibits, cats, dogs, poultry, rabbits, small pets
July 1	State Fair registrations, from State Fair Delegates at General Show, are due to Extension Office
September 10	Award applications due to Extension office. Club financial paperwork, secretary books, and treasurer books due to Extension office.

\*Livestock and Horse participants will have individual visits scheduled.

***Please note that additional deadlines will be posted throughout the 4-H year. All 4-H events and deadlines will be advertised by the Pope-Hardin County Extension office via email and social media. It is the responsibility of the Pope-Hardin County 4-H families to use this information to adhere to all published deadlines.***

If you have questions, contact the University of Illinois Extension, Pope-Hardin County Office, 354 State Hwy 145 N, Simpson, IL 62985, 618-695-6060, or [klvaughn@illinois.edu](mailto:klvaughn@illinois.edu).



## Illinois 4-H Outlines Safety Requirements for In-person Events

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

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

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

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

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

If any of these guidelines presents a challenge for you, please contact us directly at (618) 382-2662. 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!

## 4-H EXHIBITION POLICIES FOR POPE-HARDIN COUNTY

### ALL DEADLINES WILL BE ENFORCED

1. Pope-Hardin County 4-H does not have Show Superintendents, but in the event of the need for rule/guideline clarification Extension staff will form a temporary ad hoc committee comprised of Extension staff and volunteers to address any necessary issues.
2. 4-H membership is open to all youth ages 8-18 regardless of sex, race, color, or national origin.
3. Member must be 8 years old by September 1 of current 4-H year to be eligible to exhibit at the State Fair.
4. Cloverbuds must be 5 -7 years old by September 1 of the current 4-H year.
5. All projects must be pre-registered for the county show by the deadline in order to show at the county show.
6. All exhibits must be products of the current 4-H year.
7. A project can be entered in only one class with the exception of live animal projects.
8. Ribbons will be awarded at the county shows.
9. Premium checks must be cashed, or notification of loss must be received as soon as possible. It is the responsibility of the 4-H member to notify the leader and it is the responsibility of the club leader to notify the Extension Office.
10. Premiums will be based on an "X: factor", which will depend on the number of 4-H members, number of projects exhibited and the amount of state reimbursement. 4-H exhibitors will receive one (1) premium per class for projects that are premium eligible.  
**Note: 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 the Junior Department Premium Book.)**
11. Members will receive "X: value" premiums on all projects exhibited at the county shows that qualify.
12. Each project exhibited will be graded with a Blue, Red or White ribbon.
13. Only blue ribbon winners will be considered when making State Fair selections. \* See note at end of section.
14. Champion awards are limited to blue ribbon projects. In order to be considered for a champion award in a specific project, the 4-H member must be enrolled in that project by the deadline, the project must be exhibited at the county show, and the member must complete and submit 4-H Experience Level Recognition by deadline. County Champion awards are only issued for County-only projects. **4-H Experience Level Recognitions that are not completed and turned in by the county deadline will not receive trophies/plaques at the Achievement Night program.**
15. All projects and ribbons will remain in place until the official dismissal time.
16. If a member has a valid reason, another 4-H member can show a project for the 4-H member at the County Show and premium money will still be paid on that project.
17. Leaders will look over 4-H Experience Level Recognitions before bringing to the office to make sure they are signed.
18. In case of death or loss of project, an animal may be replaced with sufficient proof of animal (tattoo number, veterinary health records and reason for death) 10 days before judging.
19. Members exhibiting livestock must be enrolled in a livestock project and must be owned or leased by the member or in partnership with a parent, guardian, or other family member. Members must own or lease animals by respective tattoo date for each species, following State Fair guideline dates.
20. Conference judging will be done by project categories. Members must be present for judging, or have a designated replacement.
21. There must be more than one animal present to compete for Showmanship.
22. All clubs must hold a minimum of six (6) 4-H meetings
23. Secretary Book, audited Treasures' Book and all records must be in the Extension office by the deadline.
24. No 4-H member can exhibit at State Fair more than 1 year as superior exhibitor in the same project.
25. Transportation to and from State Fair is the parent's responsibility.
26. All 4-H members and volunteers are bound by the Illinois 4-H Code of Conduct (found on page 68 of Handbook).

*\*NOTE: if judges find no project exhibit in any category deemed State Fair quality, then no State Fair Delegates will be selected and no championship ribbon given. State Fair projects **are not** chosen by default if there is only one enrolled project*

## POPE-HARDIN 4-H AWARDS

1. Recognition for Participation in 4-H.
2. **County Livestock Awards-** Breed Champion, Jr. and Sr. Showmanship; **Horse Awards-** Jr. and Sr. High Point, Jr. and Sr. Horsemanship, Jr. and Sr. Showmanship; **General Awards-** County Champions, Cats, Dogs, Poultry, Rabbit, and Small Animal.
3. All awards (trophies/plaques/ribbons) will be presented pending donation and adequate funds and all awards will be presented at the Achievement Program.
4. State Fair Delegate & Alternate Awards: State Fair Delegates from General Show and Public Speaking Presentations that were chosen to advance to State Fair will receive a recognition item. State Fair Alternates from General Show and Public Speaking Presentations that were chosen to advance to State Fair if the delegate is unable to attend State Fair will receive a recognition item.
5. Up to five County Excel Awards will be available to 4-H members that excelled throughout the 4-H year in the communication, community service, leadership, project mastery, or personal growth.
6. 4-H Experience Level Recognition medals will be given to 4-H members that complete the 4-H Experience Level Recognition application.
7. In order to receive any awards, such as but not limited to County Champion, State Fair Delegate, State Fair Alternate, etc., the 4-H member must complete the 4-H Experience Level Recognition form.
8. County Champion awards will be given, upon judge's discretion, only when projects are not State Fair Eligible such as but not limited to, Live Animals and County Only Projects.

## 4-H INTERNATIONAL NIGHT EXHIBIT

1. Working as an individual or family, prepare an exhibit that informs the public about a country or a U.S. region.
2. Prepare a presentation including a slide show 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.
3. In order for a member to be premium eligible they must be enrolled in the Intercultural Passport to the World project by the deadline, and complete a part of the presentation.

### 4-H International Night Exhibit Awards

Best Display – Best display certificate will be awarded to the individual/family with the best overall display of their country or U.S. Region.

Most Knowledge – Most knowledge will be awarded to the individual/family with the best overall knowledge of their country or U.S. Region.

## ILLINOIS 4-H POLICIES

The 4-H Year begins September 1, 2020 and ends on August 31, 2021.

### ILLINOIS 4-H MEMBER ENROLLMENT

1. Any boy or girl who is eight years of age and has not yet reached his/her 19<sup>th</sup> birthday on or before September 1 of the current 4-H year may participate fully in the 4-H program.
2. Mentally handicapped individuals may participate fully in the 4-H program regardless of their chronological age.
3. A youth who enrolls in a 4-H club/group must attend at least **ONE** meeting, tour, workshop, or other activity of that club/group to be called a 4-H club member. Youth that do not comply are not eligible to take part in 4-H exhibitions, receive 4-H premiums, or other 4-H awards and recognitions that are available to 4-H members.
4. Youth may also enroll as independent members to fully participate in the 4-H Program. Independent members must meet with an adult mentor (non-related) at least four times during the year to be eligible to exhibit at the 4-H show. Independent members may apply for all awards, but no points can be earned in the "club activities".

### CLOVERBUDS

Youth ages 5-7 that are involved in 4-H are known as Cloverbuds. The Cloverbud Program is designed to introduce 5-7 year olds to a variety of 4-H experiences. Cloverbuds do not elect officers, give talks, or hold regular business meetings. They do an activity and talk about what they have done or process the information. The program is noncompetitive. Cloverbuds do not participate in competitive events, contests, shows or raise animals as a 4-H project and are not eligible to receive premiums. However, they may be given the opportunity to display their projects non-competitively at the county show and receive a participation ribbon. **Cloverbuds may NOT show live animals.**

## ILLINOIS STATE FAIR REQUIREMENTS

1. Exhibitors must be currently enrolled as a 4-H member and have been at least 8 years old as of September 1, 2020 to exhibit at the Illinois State Fair in 2021. Parents and leaders should make provisions for the adequate care and supervision of exhibitors.
2. Members may exhibit one project only. If a member was selected in more than one area in either group, they must choose one and notify the county office by the date required of the county office.
3. Members are responsible for transporting their project to the state fair and must be present to attend conference judging with their project on the specified days at the Illinois State Fair.
4. The General Project Exhibit will be held in the Orr Building of the state fairgrounds. Members must drop off their projects any time from 8 to 9:30 a.m. All projects should be in place by 9:30. Judging is scheduled throughout the day. The judging schedule will be posted in each area. Members should check the judging schedule and return to the judging area about 10 minutes before their scheduled judging time. Projects must remain on display throughout the day until 4:00 p.m. All projects must be removed no later than 4:30 p.m. daily. If you cannot pick up your project, you may make arrangements with another person from your county to pick up your project on your behalf, as long as you provide them your claim ticket.
5. Premium for state fair exhibitors is unknown at this time and depends on stat funding.

# Illinois State Fair Exhibit Date

Sunday, August 15, 2021

## 2021 ILLINOIS STATE FAIR 4-H GENERAL PROJECT DIVISION

Premium List – X Factor Table

<b>Level 1: B=8X, R=7X, W=5X</b>	<b>Level 2: B=7X, R=6X, W=4X</b>	<b>Level 3: B=6X, R=5X, W=3X</b>	<b>Level 4: B=4X, R=3X, W=1X</b>
Beef	Cats	Aerospace	Animal Science Displays
Dairy Cattle	Clothing - STEAM	Clothing - Shopping	Bicycle
Goats	Dogs	College & Career Readiness	Child Development
Horse & Pony	Entomology - Beekeeping	Crops	Civic Engagement
Sheep	Entomology – General	Drones	Communications
Swine	Geology	Electricity	Computer Science
Welding	Interior Design	Foods & Nutrition	Consumer Education
Woodworking	Maker	Horticulture – Vegetable Gardening	ESports
	Photography	Leadership	Exploratory
	Poultry	Nature - Natural Resources & Outdoor Adventures	Family Heritage
	Rabbit	Nature – Fishing & Wildlife	Forestry
	Robotics	Shooting Sports	Health
	Tractor	Small Engines	Horticulture - Floriculture
		Technologies	Intercultural
		Theater Arts	Plants & Soils
		Video/Film Making	Small Pets
		Visual Arts	Veterinary Science
			Weather

Level 1 = the most difficult or expensive projects, to Level 4 = the beginner projects or less expensive projects.

B = Blue ribbon, R = Red ribbon, W = White ribbon

### \*READY4LIFE CHALLENGE DESCRIPTION

Open to 11 to 18 year olds enrolled in project area.

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.

## IL 4-H STATE PROJECTS

*\*Some 4-H state projects may not be eligible for exhibit at State Fair.*

*All projects listed are eligible for premiums.*

### **AEROSPACE**

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

#### **Aerospace 2 Model Rocketry (SF 50130)**

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

#### **Aerospace 2 Aerospace Display (SF 50131)**

Prepare a display related to the aerospace project that 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 that 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 3 Model Rocketry (SF 50130)**

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

#### **Aerospace 3 Aerospace Display (SF 50131)**

Prepare a display related to the aerospace project that 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 that 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 4 Model Rocketry (SF 50130)**

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

#### **Aerospace 4 Aerospace Display (SF 50131)**

Prepare a display related to the aerospace project that 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 that you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

**Aerospace Ready4Life Challenge (SF 50133)** See description on page 7.



## **ANIMAL SCIENCE**

Each county may send 2 entries from 50135, and 1 entry from 50137.

### **Animal Science (SF 50135)**

Prepare a display focusing on any activity related to an 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:** (SF 50137) See description on page 7.

## **BEEF**

Live animal exhibit. Individual visits will be scheduled with participants.

## **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) See description on page 7.

## **CAT**

Live animal exhibit will be judged on Cat Care.

## **CHILD DEVELOPMENT**

Each county may submit 3 entries from 50141.

### **Child Development (SF 50141)**

Prepare a display that demonstrates the skills and knowledge you have gained studying child development. Topics might include, but are not limited to, selecting age appropriate toys and activities, explaining child behavior, or

recognizing child safety concerns. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.

**Child Development Ready4Life Challenge** (SF 50142) See description on page 7.

## **CIVIC ENGAGEMENT**

Each county may submit 2 entries total from classes 50145, 50146, 50147; and 1 entry from 50149. **Due to space restrictions, exhibits are limited to 2' 6" wide and 15" deep.**

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

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

### **Civic Engagement 2** (SF 50146)

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

### **Civic Engagement 3** (SF 50147)

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

**Civic Engagement Ready4Life Challenge** (SF 50149) See description on page 7.

### **Service Learning 1** (not eligible for state fair)

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

### **Service Learning 2** (not eligible for state fair)

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

### **Service Learning 3** (not eligible for state fair)

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

## CLOTHING & TEXTILES

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

All exhibits entered in the clothing and textiles area will be judged based on their construction and fit (if applicable). Exhibitors bringing garments should not wear their garments when they arrive for judging 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 (SF 50151a, 50151b, 50151c)

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

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

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

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

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

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

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

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

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

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

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

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

**Sewn Non-Clothing Exhibits (SF 50152b)** Exhibit one of the following:

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

**Sewn Clothing Exhibits (SF 50152c)** Exhibit one of the following:

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

**STEAM Clothing 3 – A Stitch Further (SF 50153a, 50153b, 50153c)**

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

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

- Clothing Portfolio – Complete at least four different samples/activities from Chapters 2, 3 AND/OR 4 of the project manual. The Portfolio should be placed in an 8 ½" x 11", 3 ring binder. Include an appropriate cover, dividers, and table of contents. NOTE – this can be a continuation of a Portfolio created in STEAM Clothing 1 and/or STEM Clothing 2. Additional pages can be added each year but must be dated with the

year created. See project manual, pages 11-13, for portfolio formatting.

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

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

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

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

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

## **CLOTHING: SHOPPING**

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

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 (SF 50154)**

**Beginning** – Choose one of the following activities from Unit 1 or Unit 2 of the project book:

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

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

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

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

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

**Sewing & Textiles Ready4Life Challenge** (SF 50157) See description on page 7.

## **COLLEGE & CAREER READINESS**

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

**Build Your Future** (SF 50365)

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

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

**College & Career Ready4Life Challenge** (SF 50366) See description on page 7.

## COMMUNICATIONS

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

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

For 1<sup>st</sup> year enrolled in project: Exhibit a binder portfolio showcasing at least three activities from the project manual. Show basic activities and anything that extended lessons. For 2<sup>nd</sup> and 3<sup>rd</sup> years in project: Include everything from earlier years' work and add a section showcasing at least four additional activities per year.

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

For 1<sup>st</sup> year enrolled in project: Exhibit a binder portfolio showcasing at least three activities from the project manual. Show basic activities and anything that extended lessons. For 2<sup>nd</sup> and 3<sup>rd</sup> years in project: Include everything from earlier years' work and add a section showcasing at least four additional activities per year.

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

For 1<sup>st</sup> year enrolled in project: Exhibit a binder portfolio showcasing at least three activities from the project manual. Show basic activities and anything that extended lessons. For 2<sup>nd</sup> and 3<sup>rd</sup> years in project: Include everything from earlier years' work and add a section showcasing at least four additional activities per year.

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

To provide the best learning experience, it is suggested that counties receive submissions in this class prior to the exhibition date to allow a judge adequate time to read the submissions and provide meaningful review. Each member may submit only one entry per class. Each entry is to be typewritten on 8 ½" x 11" paper and include the exhibitor's name. Entries must be original and **written for the 4-H project**. Stories should be double-spaced. Poems may be single-spaced.

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

### **Journalism** (SF 50369)

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

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

**Communications Ready4Life Challenge** (SF 50370) See description on page 7.

## **COMMUNICATIONS: PUBLIC PRESENTATIONS**

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

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

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

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

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

- How-to demonstrations which show the audience how to do something.
- Object lessons which use objects as metaphors to share a message.
- Educational models where drawings or diagrams help explain a topic.

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

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

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

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

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

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

## **COMPUTER SCIENCE**

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

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



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

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

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

**Intermediate Visual Programming** (SF 50159)

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

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

**Advance Visual Programming** (SF 50160)

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

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

**Website Design** (SF 50161)

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

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

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

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

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

**Computer Science Ready4Life Challenge** (SF 50164) See description on page 7.

## CONSUMER EDUCATION

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

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

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

### **My Financial Future 1 Beginner** (SF 50168)

Develop a Financial Planning portfolio which includes the items listed below. This project can be completed all in one year; or a member may take several years to explore each of the activities and develop a more detailed financial plan. The original OR photocopies of the completed activities from the project manual should be included in the portfolio. Each year enrolled in the project should build on previous year experiences.

- **First Year** – Complete a minimum of Activities 1-6 from the My Financial Future – Beginner project manual which includes: Who Needs This?; Let's get SMART; Bringing Home the Bacon; Managing Your Money Flow; My Money Personality; and Money Decisions.
- **Second Year and Beyond** – Complete a minimum of Activities 7-11 from the My Financial Future – Beginner project manual which includes: Banking your \$\$\$\$; Charging it Up; Check it Out; Better than a Piggy Bank!; and My Work; My Future.

### **My Financial Future 2 Advanced** (SF 50169)

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

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

**Consumer Ed Ready4Life Challenge** (SF 50167) See description on page 7.

## CROPS

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

### **Soybeans** (SF 50170)

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

### **Corn** (SF 50171)

Exhibit two fresh plants of field corn (include root system that is washed) that are representative of member's 4-H project field; **OR** exhibit an experimental or educational project related to one experience from your project.

Include explanation of the project in a report for public understanding. *Sweet corn should be exhibited in Vegetable Gardening unless being raised under commercial contract by the exhibitor.* Include the member's crop records with the exhibit, such as the 4-H crop record found online @ 4-H.illinois.edu, an FFA crops record, or similar information.

#### **Small Grains (SF 50172)**

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

#### **Crops Innovation Class (SF 50173)**

##### **Open to youth enrolled in any Crops project**

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

**Crops Ready4Life Challenge (SF 50175)** See description on page 7.

## **DAIRY CATTLE**

Live animal exhibit. Individual visits will be scheduled with participants.

## **DOG**

Live animal exhibit will be judged on Dog Care.

## **DRONES: UNMANNED AERIAL VEHICLES/SYSTEMS**

Each county may submit 2 entries from each class.

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

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

#### **UAV Display (SF 50375)**

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

### **UAV Unmanned Aerial Systems (SF 50376)**

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

## **ELECTRICITY**

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

### **Electricity 1 (SF 50177)**

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

### **Electricity 2 (SF 50178)**

(May only be battery-powered projects using battery components and wiring). Exhibit a circuit board demonstrating parallel and series switches, including a circuit diagram; 3-way or 4-way switch circuit using DC/battery; **OR** a basic electrical device (examples: rocket launcher, burglar alarm, etc.). All projects must include a report explaining how the project was constructed and the principles demonstrated. Recommendations can be found 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 (SF 50179)**

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

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

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

**Electricity Ready4Life Challenge (SF 50181)** See description on page 7.

## **ENTOMOLOGY GENERAL**

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

Size and number of exhibit cases should relate appropriately to the number of insects being displayed for a

specified class. Cases should be no deeper than 4". Exhibitors should note that Entomology exhibits may be placed UPRIGHT for display.

#### **Entomology 1** (SF 50183)

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

#### **Entomology 2** (SF 50184)

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

#### **Entomology 3** (SF 50185)

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

#### **Entomology Display** (SF 50186)

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

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

**Entomology Ready4Life Challenge** (SF 50187) See description on page 7.

## **ENTOMOLOGY BEEKEEPING**

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

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

#### **Beekeeping 1** (SF 50188)

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

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

- Equipment needed by a beekeeper.

### **Beekeeping 2** (SF 50189)

Exhibit one (1) of the following:

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

### **Beekeeping 3** (SF 50190)

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

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

**Entomology Beekeeping Ready4Life Challenge** (SF 50191) See description on page 7.

## **ESPORTS**

Each county may submit 3 entries from 50430.

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

### **eSports** (SF 50430)

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

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

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

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

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

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

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

## **FAMILY HERITAGE**

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

### **Family Heritage (SF 50197)**

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

**Family Heritage Ready4Life Challenge (SF 50199)** See description on page 7.

## **FOODS & NUTRITION**

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

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

*Using the recipes included in the project manual*, prepare an exhibit of 3 cereal marshmallow bars; **OR** ¼ of 8" square or round coffeecake; **OR** 3 cookies. No icing should be on any products. If you make changes to the recipe, bring a copy of the recipe with your changes. Bars, coffeecake, or cookies should be displayed on a disposable plate placed in a zip-sealing plastic bag. *In addition to your food exhibit*, complete the *What's on Your Plate? Activity* on pages 10-11 in the 4-H Cooking 101 project manual. Bring a document with printed pictures of your 3 or more plates and the answers to questions 1-7 to remain on display with your project. The words on the plates must be legible and clearly visible in the picture. Pictures, graphics or photos are acceptable.

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

*Using the recipes included in the project manual*, prepare an exhibit of 3 cheese muffins; **OR** 3 scones; **OR** ½ loaf (9" x 5") of basic nut bread. If you make changes to the recipe, bring a copy of the recipe with your changes. Bread, muffins, or scones should be displayed on a disposable plate placed in a zip-sealing plastic bag. *In addition to your food exhibit*, complete *Experiment with Meal Planning Activity* on page 91 in the 4-H Cooking 201 project manual. Bring either page 91 with your completed answers or a document with the answers to remain on display with your project along with a picture of the meal you prepared. You do **not** need to complete the Challenge Yourself section on page 91.

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

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

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

*Using the recipes included in the project manual, prepare an exhibit of ¼ of a 15" x 10" loaf of focaccia bread (do not include dipping oil); OR one baked pie shell – traditional, oil, or whole wheat (no graham cracker); OR ¼ golden sponge cake, top side up, without frosting; OR ½ loaf French bread. If you make changes to the recipe, bring a copy of the recipe with your changes. Display exhibit on a disposable plate and place in a zip-sealing plastic bag. In addition to your food exhibit, pick one of the recipes from Cooking 401 that is not a choice for exhibit. Make the recipe and take a picture of the results. Bring a document with a printed picture of the food you made from the recipe and the answers to the following two questions: 1.) If you made this recipe again, what would you do differently? 2.) What did you learn that can help you in other ways besides preparing food?*

#### **Food Science 1 (SF 50204)**

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

#### **Food Science 2 (SF 50204)**

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

#### **Food Science 3 (SF 50204)**

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

#### **Food Science 4 (SF 50204)**

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

#### **Sports Nutrition (SF 50206)**

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



### Examples for Activity 1

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

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

### Food Preservation (SF 50208)

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

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

All preserved products should be prepared and processed according to the current USDA/Extension information. USDA information on preserving food, including recipes, can be found at: [www.homefoodpreservation.com](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 (SF 50211)**

##### **Open to youth enrolled in any Foods project.**

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

**Foods Nutrition Ready4Life Challenge (SF 50210)** See description on page 7.

## **FORESTRY**

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

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

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

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

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

#### **Forests of Fun 3 (SF 50214)**

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

**Forestry Ready4Life Challenge (SF 50216)** See description on page 7.

## **GEOLOGY**

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

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

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

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

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

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

### **Rock Hounds 1 (SF 50220)**

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

### **Rock Hounds 2 (SF 50221)**

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

### **Geology Innovation Class (SF 50222)**

#### **Open to youth enrolled in Geology.**

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

**Geology Ready4Life Challenge (50224)** See description on page 7.

## **GOATS**

Live animal exhibit. Individual visits will be scheduled with participants.

## **HEALTH**

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

### **Health 1 (SF 50226)**

Select four First Aid Skills and complete the activities for that section. Bring the project book and be prepared to

discuss the completed sections. Exhibit a family first aid kit and be prepared to explain what each item is used for.

### **Health 2 (SF 50227)**

Select four Staying Healthy Skills and complete the activities for that section. Bring the project book and be prepared to discuss the completed sections. Exhibit a “smarts” project as explained in the project manual.

### **Health 3 (SF 50228)**

Select four Keeping Fit Skills and complete the activities for that section. Bring the project book and be prepared to discuss the completed sections. Exhibit a poster or display on one of the Keeping Fit Skills.

### **Health - Your Thoughts Matter – Navigating Mental Health (not eligible for state fair)**

Prepare an exhibit that demonstrates the knowledge and understanding gained through completion of the Your Thoughts Matter Member Project Guide. Exhibit the following 1) a poster or display that highlights activities and knowledge gained as you completed any two of activities 1 – 9 included in the curriculum; AND 2) the item you created in Activity 10 - the flyer, website, video, or other promotional tool that points individuals to the resources you found. To exhibit in this project area, 4-H members must have been involved in a 4-H Your Thoughts Matter SPIN Club experience.

### **Health Innovation Class (SF 50229)**

#### **Open to youth enrolled in Health 1, 2 or 3.**

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

**Health Ready4Life Challenge (SF 50231)** See description on page 7.

## **HORSE**

Live animal exhibit. Individual visits will be scheduled with participants.

## **HORTICULTURE: FLORICULTURE**

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

### **Floriculture A (SF 50192)**

Exhibit one of the following options:

- Create a flower arrangement, either a round arrangement or a bud vase. No silk flowers are permitted; **OR**
- Create a photo collage or a collection of pictures of flowers that you have raised. Label your flowers by name and tell if you started with a seed, cutting or transplants. Mount pictures on a poster board; **OR**
- Exhibit in one container: 3 stems of blooms - each with attached foliage. Foliage that would go inside the container may be removed. All three blooms or stems should be the same variety, color, shape and size and must have been grown from seed, young seedling plants, bulbs or rhizomes by the exhibitor. (NOTE: Exhibitors choosing lilies should include no more than 2/3 of foliage for their exhibit.)

### **Floriculture B (SF 50193)**

Exhibit one of the following options:

- Display a mixed planter that may include herbs with foliage plants and/or flowering plants. The planter should include three or more kinds of plants. The container exhibit space must not exceed 18"x18".
- Create an artistic display of dried flowers and/or herbs explaining how each was dried; **OR**
- Create a photo collage or collection of pictures of plants from your theme garden. Label your plants by name and explain how the plants were chosen to fit the theme.

### **Floriculture C (SF 50194)**

Exhibit one of the following options:

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

### **Floriculture D (SF 50195)**

Exhibit one of the following options:

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

### **Floriculture Display (SF 50196)**

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

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

**Floriculture Ready4Life Challenge (SF 50198)** See description on page 7.

## **HORTICULTURE: VEGETABLE GARDENING**

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

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

### **Herb Display (SF 50313)**

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

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

#### **Vegetable Display (SF 50314)**

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

1. This class is allowed a 2'6" x 2'6" space for display.
2. Display must include 6 or more different kinds of vegetables. There may not be more than 2 different varieties of any vegetable. For example, red and white potatoes would be classified as two different varieties. Acorn squash and zucchini would be classified as two different vegetables.
3. The number and type of vegetables used must conform to the Vegetable Plate/Basket List.
4. Exhibitors must provide the name and variety of all vegetables used (i.e. Cabbage – Golden Acre; Cucumber, slicing – Straight Eight; Tomatoes, slicing – Rocky Top; Snap Beans – Contender, etc.).

#### **Vegetable Plate (SF 50315)**

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

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

#### **VEGETABLE PLATE/DISPLAY LIST**

When selecting vegetables for exhibition, keep in mind that the judge will evaluate them on the basis of cleanliness, uniformity, condition, quality, and trueness to variety. *(Lists are provided by UI Extension Horticulturists; Items are listed according to the correct definition of vegetables)*

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

Greens (collard, endive, escarole, kale, mustard, spinach, Swiss chard) (1 plant)  
Horseradish Root (1 marketable root specimen harvested this year)

**Vegetable Gardening Display** (SF 50316)

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

**Vegetable Gardening Ready4Life Challenge** (SF 50318) See description on page 7.

## **INTERCULTURAL**

Each county may submit 1 individual entry from 50233; 1 individual entry from 50234; 1 individual entry from 50236; 1 club entry from 50235. **Due to space restrictions, exhibits are limited to 2' 6" wide and 15" deep.**

**Passport to the World, Individual** (SF 50233)

Prepare a display illustrating what you have learned about a country's or U.S. region's geography, economy, agriculture, people, language, housing, culture, music, crafts, clothing, holidays or other aspect. Exhibit should be educational in nature and should not promote one's beliefs over another person's beliefs. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Include the project manual with completed sections that pertain to the exhibit information. Due to space restrictions, exhibits are limited to 2' 6" wide and 15" deep.

**Diversity & Cultural Awareness** (SF 50234)

Create a display or binder portfolio that illustrates the results of a minimum of three (3) completed activities from the project book. Due to space restrictions, exhibits are limited to 2' 6" wide and 15" deep.

**Intercultural Ready4Life Challenge** (SF 50236) See description on page 7.

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

Exhibit a display illustrating the steps that the club has completed on the project selected for the year. Include a written outline or report of accomplishments and future goals. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what the club members have learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. The display must be accompanied by 3 or more club exhibitors at the time of the judge's critique. Club members should make a 5- to 10-minute presentation to the judge. All club members present for the judge's critique should be able to discuss the project and answer questions. Only club members present for judging who participate in the actual critique and presentation are eligible for ribbons and premiums. Due to space restrictions, exhibits are limited to 2' 6" wide and 15" deep.

## INTERIOR DESIGN

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

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

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

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

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

### **Design Decisions, Advanced** (SF 50244)

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

### **Interior Design Innovation Class** (SF 50245)

#### **Open to enrolled in Interior Design.**

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

**Interior Design Ready4Life Challenge** (SF 50247) See description on page 7.

## LEADERSHIP

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

### **Leadership 1** (SF 50249)

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

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



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

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

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

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

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

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

### **Leadership Innovation Class (SF 50252)**

#### **Open to youth enrolled in Leadership 1, 2, or 3.**

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

**Leadership Ready4Life Challenge (SF 50255)** See description on page 7.

### **Leadership Group Exhibit (SF 50254)**

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

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

## MAKER

Each county may submit 3 entries total from 50400.

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

- Exhibitors must complete the DIY Make & Build Curriculum, and answer all the questions at the end of each lesson. You must display (or upload if virtual) your answers to these questions, as well as your Maker Log from the DIY Make and Build curriculum.
- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two. Your device or object **cannot** be one of the included activities in the DIY Make and Build Curriculum.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be 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

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

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

### Natural Resources 1 (SF 50256)

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

### Natural Resources 2 (SF 50257)

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

### Natural Resources 3 (SF 50258)

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

### Outdoor Adventures 1: (SF 50259)

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

### Outdoor Adventures 2 (SF 50259)

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

### Outdoor Adventures 3 (SF 50259)

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

**Natural Resources Ready4Life Challenge (SF 50267)** See description on page 7.

## **NATURE: FISHING AND WILDLIFE**

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

### **Sportsfishing 1** (SF 50260)

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

### **Sportsfishing 2** (SF 50261)

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

### **Sportsfishing 3** (SF 50262)

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

### **Wildlife 1** (SF 50266)

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

### **Wildlife 2** (SF 50263)

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

### **Wildlife 3** (SF 50265)

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

**Fishing & Wildlife Ready4Life Challenge** (SF 50291) See description on page 7.

### **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**

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

ALL photos in exhibits must have been taken by the exhibitor. Photo/Model releases from individuals pictured in the exhibitor's photographs are required unless the photograph is of a group in a public place where identification

would not be an issue. The release can be obtained at:

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

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

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

Additional details required for Photo Editing ONLY:

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

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

The exhibition size requirements for all photographs will be:

Minimum image size: 5X7

Maximum image size: 8X10

Maximum exhibit size (including frame): 18X20

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

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

### **Photography 1 (SF 50268)**

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

### **Photography 2 (SF 50269)**

Exhibit one of the options listed below:

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

### **Photography 3 (SF 50270)**

Exhibit one of the options listed below:

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

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

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

Exhibit one framed 8" x 10" photo that has been altered using digital photo-editing techniques (beyond cropping

and red-eye reduction). Include a print of the original photo(s), taped to the back of the photo frame. Photos in which an automatic filter was applied at the time the photograph was taken will not be eligible for award.

#### **Photography Innovation Class:** (SF 50272)

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

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

**Photography Ready4Life Challenge** (SF 50274) See description on page 7.

## **PLANTS & SOILS**

### **Plants & Soils 1** (not eligible for state fair)

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

### **Plants & Soils 2** (not eligible for state fair)

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

### **Plants & Soils 3** (not eligible for state fair)

Prepare a display or poster that illustrates an activity from the project manual. The display should demonstrate an understanding of the relationship between soil and other cycles found in nature. Displays should also provide an example of a leadership or service-learning experience focused on environmental stewardship. Include your project journal that documents activity recordkeeping requirements, answers activity questions, and details personal thoughts and ideas.

**Plants & Soils Ready4Life Challenge** (not eligible for state fair) See description on page 7.

## **POULTRY**

Live animal exhibit will be judged on Poultry Care.

## **RABBITS**

Live animal exhibit will be judged on Rabbit Care.

## **ROBOTICS**

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

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

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

Innovation/Open Source Class (50292).

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

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

**Robotics 1: Intermediate:** (SF 50285)

Exhibitors should complete Activities 7-12 in the Robotics 1 with EV3 project book. Exhibitors will design, build and program a robot that uses at least one sensor to autonomously follow a path, respond to and/or avoid obstacles. Exhibitors in this class must use at least one sensor in their robot design. They will bring their project book, their program code (on laptop or on paper), and a short journal sharing what they learned about the engineering design process and programming throughout their work in the project and specifically while preparing the exhibit.

**Robotics 2:** (SF 50286)

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

**Robotics Innovation Open Source Class** (SF 50292)

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

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

**Junk Drawer Robotics**

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

**Junk Drawer Robotics 1** (not eligible for state fair)

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

**Junk Drawer Robotics 2** (SF 50288)

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

**Junk Drawer Robotics 3** (SF 50289)

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

**Robotics Ready4Life Challenge** (SF 50293) See description on page 7.

## SHEEP

Live animal exhibit. Individual visits will be scheduled with participants.

## SHOOTING SPORTS

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

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

NOTE: Shooting Sports Displays have the following prohibitions:

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

### Shooting Sports: Rifle Display (SF 50381)

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

**Shooting Sports Ready4Life Challenge** (SF 50385) See description on page 7.

## SMALL ENGINES

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

Small Engine displays must be no larger than 4' x 4' display board. Exhibits must be portable. No complete engines, lawn tractors, tillers, chainsaws, etc. are permitted for display. No electrical power is available for displays/exhibits.

### Small Engines 1 (SF 50294)

Exhibit a display, selecting one of the following items:

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

### **Small Engines 2 (SF 50294)**

Exhibit a display, selecting one of the following items:

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

### **Small Engines 3 (SF 50294)**

Exhibit a display, selecting one of the following items:

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

**Small Engines Ready4Life Challenge (SF 50297)** See description on page 7.

## **SMALL PETS**

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

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

Live animal exhibit will be judged on Small Pet Care.

## **SWINE**

Live animal exhibit. Individual visits will be scheduled with participants.



## TECHNOLOGIES

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

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

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

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

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

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

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

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

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

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

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

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

Exhibitors are expected to use the engineering design process to complete their designs. This process is important to the outcomes and exhibitors must keep a log outlining the step-by-step notes, sketches, and documentation

from throughout the design and print process. The logbook should define the problem that is being solved/use of the object and describe in detail each step of the Engineering Design Process taken during the creation of the invention.

**3-D Printing & Design Ready4Life Challenge** (not eligible for State Fair) See description on page 7.

## **THEATRE ARTS**

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

### **Theatre Arts 1** (SF 50299)

Exhibit one of the following items:

- Portfolio of acting activities completed during the current year (A video of performances is not considered a portfolio and will not be accepted for exhibit.); **OR**
- Display illustrating a drawing/photograph of a clown character created by the exhibitor; **OR**
- Display illustrating a picture story developed by the exhibitor.

### **Theatre Arts 3** (SF 50301)

Exhibit one of the following items:

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

### **Theatre Arts Innovation Class** (SF 50302)

**Open to youth enrolled in Theatre Arts.**

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

**Theatre Arts Ready4Life Challenge** (SF 50304) See description on page 7.

## **TRACTOR**

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

### **Tractor A** (SF 50306)

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

### **Tractor B** (SF 50307)

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

**Tractor C (SF 50308)**

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

**Tractor D (SF 50309)**

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

**Tractor Innovation Class (SF 50310)****Open to youth enrolled in Tractor A, B, C or D.**

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

**Tractor Ready4Life Challenge (SF 50312)** See description on page 7.

## VETERINARY SCIENCE

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

**Veterinary Science 1 (SF 50320)**

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

**Veterinary Science 2 (SF 50320)**

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

**Veterinary Science 3 (SF 50320)**

Prepare a display focusing on any activity related to the veterinary science project. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All

exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Live animals are not permitted as exhibits in this area. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.

**Veterinary Science Ready4Life Challenge** (SF 50322) See description on page 7.

## **VIDEO/FILMMAKING**

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

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

### **Requirements that apply to ALL video classes:**

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

### **Commercial or Promotional Video** (SF 50324)

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

### **Animated Video** (SF 50325)

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

### **Documentary** (SF 50326)

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

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

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

### **Video/Filmmaking Innovation Class** (SF 50328)

#### **Open to youth enrolled in Video/Filmmaking**

Demonstrate the skills and knowledge you have gained through the Video project. **Your exhibit should not fit in the other exhibit options for this project.** The exhibit may include, but isn’t limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you’ve learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such

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

**Video/Film Ready4Life Challenge** (SF 50330) See description on page 7.

## **VISUAL ARTS**

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

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

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

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

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

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

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

**Visual Arts Food/Cake Decorating Beginning** (SF 50332)

**Exhibit one of the following:**

- Exhibit four decorated cookies, using a minimum of four different techniques. Exhibit may use cookies OR cookie forms.

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

**Visual Arts Food/Cake Decorating Intermediate (SF 50333)**

**Exhibit one of the following:**

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

**Visual Arts Food/Cake Decorating Advanced (SF 50334)**

- Exhibit a decorated, stacked or multi-layer cake; or a tiered cake, using a minimum of four Level 3 techniques. Exhibit may use cake OR cake forms.

**Visual Arts Food/Cake Decorating Master (SF 50335)**

Exhibit to include a one-page written description of your project, including goals, plans, accomplishments, and evaluation of results. Include up to four pictures of your accomplishments **AND** exhibit an original design decorated cake using more than five techniques. Exhibit may use cake OR cake forms.

**Visual Arts Chalk/Carbon/Pigment**

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

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

Any original artwork done with pencils, chalk, pens, ink, paint, charcoal, dyes, etc. on canvas, paper, or glass. This would include all painting, sketching, drawing, cartooning, original non-computer generated graphics, printing, etc. Painted and/or glazed pre-formed ceramics and painted porcelain dolls are not eligible for State Fair exhibit. Drawings and paintings should be matted or framed under glass. (Exceptions: Oil and acrylic paintings do not require glass and are not required to be matted.) Watercolor, chalk, pen & ink, computer-generated art, etc. do require some protective covering. Gallery frames are acceptable. Canvas paintings that continue "over the edges" are acceptable without frames; however, the piece must still be prepared for hanging. Matted pieces without frames are acceptable, however the piece must be prepared for hanging OR it must include a photo of the artwork being displayed in a non-hanging manner. There is no specific requirement for the type of mat used.

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

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

**Visual Arts Clay (SF 50337)**

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

**Visual Arts Computer-Generated Art (SF 50338)**

Any original art created in any software package. Exhibit may not include scanned work, clip art, downloaded images from the internet, any imported image, or photographs. All pixels must be original. Photo mosaics are NOT allowed. Exhibitors in this class (like all other classes in this sub-section) must be enrolled in Visual Arts; Computer project enrollment is not required. NOTE: Wood and metal exhibits created through the use of laser cutting programs/devices should be entered in this class. Plastic exhibits with an artistic focus created using a 3-D printer should be entered in this class. If the art created is designed to hang, then the entry should have some protective

covering, such as a glass frame, and prepared for hanging. If the art is something that has been created with a laser cutting program/device and is NOT designed to hang, it does not require protective covering nor does it need to be prepared to hang.

**Visual Arts Fiber (SF 50339)**

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

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

Any non-original item made of fiber. Examples are fabric collage, soft sculpture, stitchery, weaving, embroidery, cross-stitch, crocheting, knitting, weaving, hooking, and felting. Exhibitors may use a pattern and/or an idea generated from another source.

**Visual Arts Glass/Plastic (SF 50340)**

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

**Visual Arts Heritage Arts (SF 50341)**

Exhibit an item of **traditional** art learned from another person or **from a pattern** (NO KITS may be entered in this class). Non-original cross-stitched, knitted and crocheted items by pattern fit in this class. ALL ORIGINAL cross-stitched, knitted and crocheted items should be exhibited in Fiber Arts; (machine knitted items ARE NOT acceptable for this class.) Other possibilities include: needlepoint, counted cross-stitch, crewel, embroidery, cut work, hardanger embroidery (embroidery openwork), macramé, baskets, candles, pysanki (decorated eggs), leather, quilts, baskets (made using a traditional pattern), traditional handmade dolls with handmade costumes, soaps made using nature dyes also can be made using hand-made molds or broken into chunks for display or candles. No machine quilting allowed in Heritage Arts. Exhibitors must also bring 1) the pattern or a copy of the pattern they used to create their traditional art; and 2) a description of the traditional origins of their art choice.

**Visual Arts Leather (SF 50321)**

Exhibit one of the following options using leather:

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

**Visual Arts Metal (SF 50342)**

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

**Visual Arts Nature (SF 50343)**

Any original item made of natural material such as wreaths, cornhusk dolls, etc. Items should be made of natural materials (which may be purchased) but securing elements such as glue and wire may be used in the inner

construction as long as they do not detract from the overall "natural" appearance. Articles such as dried pressed flowers may be displayed under glass since it is necessary for protection/preservation of the natural materials. Candles are not suitable as entries. All baskets should be entered in Heritage Arts.

**Visual Arts Paper (SF 50344)**

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

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

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

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

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

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

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

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

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

**Visual Arts Wood (SF 50349)**

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

**Visual Arts Ready4Life Challenge (SF 50351)** See description on page 7.



## WEATHER

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

### **Weather and Climate Science 1** (SF 50392)

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

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

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

### **Weather and Climate Science 3** (SF 50394)

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

**Weather Ready4Life Challenge** (SF 50395) See description on page 7.

## WELDING

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

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

This exhibit class is open to members who are in the 7<sup>th</sup> grade and higher. Exhibit one arc weldment/item demonstrating the skill level of the exhibitor. Members new to the project should consider selecting a weldment from the suggested [\*Weldment List\*](#) found on page 43 of *Arcs and Sparks* (4-H 573 – Shielded Metal Arc Welding). **This class is for industrial welding only.** (Members that wish to use welding to create objects with an artistic appeal should consider enrolling in the 4-H Visual Arts project and consider entering those types of exhibits in the Visual Arts – Metal class.) Exhibits must be portable and cannot be exhibited on a trailer.

**Welding Ready4Life Challenge** (SF 50355) See description on page 7.

## WOODWORKING

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

### Woodworking 1 (SF 50357)

Any item made of wood constructed or refinished by the member, appropriate for their age, skills and ability in this project. Pre-cut kits assembled by the member are not acceptable. Exhibits must be portable and cannot be exhibited on a trailer.

### Woodworking 2 (SF 50358)

Any item made of wood constructed or refinished by the member, appropriate for their age, skills and ability in this project. Pre-cut kits assembled by the member are not acceptable. Exhibits must be portable, and cannot be exhibited on a trailer.

### Woodworking 3 (SF 50359)

Any item made of wood constructed or refinished by the member, appropriate for their age, skills and ability in this project. Pre-cut kits assembled by the member are not acceptable. Exhibits must be portable, and cannot be exhibited on a trailer.

### Woodworking 4 (SF 50360)

Any item made of wood constructed or refinished by the member, appropriate for their age, skills and ability in this project. Pre-cut kits assembled by the member are not acceptable. Exhibits must be portable, and cannot be exhibited on a trailer.

**Woodworking Ready4Life Challenge** (SF 50362) See description on page 7.



## 4-H HORSE AND PONY SHOW

### HELMETS ARE REQUIRED FOR ALL MOUNTED EXHIBITORS IN OR OUT OF THE SHOW RING.

*All statements under "General Rules and Regulations" are also in effect for Horse & Pony Shows.*

1. All horse & Pony entries must be owned or leased and personally cared for by the exhibitor and immediate family and must not be cared for or maintained by a professional trainer during the required tenure of ownership (May1- Show time). The entry must be shown by the exhibitor.
2. The ownership/possession of each horse and pony project exhibited at the Pope-Hardin County 4-H Fair Horse Show **must be verified by June 1, 2021**. To verify ownership/possession of a project, call and ask for or stop by the office and pick up the Horse and Pony verification form. Get one form for each horse or pony you are considering for a project. These are simple to fill out, but must be on file in the office.
3. **All horse exhibitors must have completed the Quality Assurance and Ethics Certification (QAEC), and it must be on file at the County Extension Office by June 1, 2021.** QAEC may be completed online at <http://web.extension.illinois.edu/qaec/>
4. All horses and other equidae, twelve (12) months of age and older attending an advertised equine event, shall be accompanied by a negative **Coggins** test for equine infectious anemia (EIA) conducted within the last twelve (12) months ( AGID or ELISA tests are accepted). **A copy of this test shall accompany the animal and must be presented at the registration table at the horse show.**
5. Recommended vaccinations include:(EEV) - Equine Encephalomyelitis - Eastern & Western, (EIV) - Equine Influenza Virus, (WNV) West Nile Virus, (EHV) Equine Herpes Virus, Rabies and Tetanus Toxoid.
6. Each 4-H member is responsible for control of his/her animal. Unruly animals must be flagged. Any animal deemed uncontrollable by the County Horse & Pony committee will be removed from the show area by the owner and will not be allowed to be exhibited.
7. Animals under six (6) years of age may be shown in a hackamore, bosal or ridden two handed with a snaffle bit.
8. All Horse and Pony exhibits shall be in place and ready to be judged at the scheduled time. The exhibitor will have a time limit of 5 minutes to get the animal into the ring after call for that class.
9. No 4-H member will be allowed to stay on the show grounds overnight unless he/she is exhibiting a livestock project and must stay with a parent or designated chaperone.
10. NO STALLIONS over one year of age may be shown.
11. There are State Fair classes for horse projects; however *delegates ARE NOT selected at the county level*. If any 4-H member (age 10 or over by September 1 or the current 4-H year) wants to enter the Horse Show at the State Fair, please contact the Extension Office.
12. 4-H members who plan to show a horse must have a parental signed "Permission to Participate" permission form.
13. Horse project 4-H members must show the same animal in both the halter and horsemanship classes to complete their project requirements. All horse Show rules and deadlines must be met.



## 4-H LIVESTOCK SHOW REQUIREMENTS

***A complete list of Illinois livestock regulations and requirements is available upon request  
All statements under "General Rules and Regulations" are also in effect for the Livestock Shows***

- 1. All 4-H'er must have completed the YQCA training in order to remain in a livestock project. Any member who has NOT completed by June 1, 2021 and notified the Extension Office WILL NOT be permitted to remain in the project area or participate in the 4-H Livestock Show.**
- All livestock entries must have been owned, cared for or maintained by exhibitor and their immediate family during the required tenure of ownership. This project may not be cared for or maintained at a professional fitter's facility. All breeding stock (beef, swine, dairy, sheep, rabbits, and market goats) must be owned by May 15 of the 4-H year to show at the county 4-H show.
- Health testing and health papers are required on all livestock- according to State Fair Guidelines. Guidelines are listed on pages 56-65. Please contact the Extension Office for questions about Heath Rules. **A CERTIFICATE OF VETERINARY INSPECTION (health papers) is required before unloading livestock at the fair.**
- If a 4-H Member is unable to show the exhibit personally, then he/she must submit a written excuse to the Extension Office for approval prior to the show date.
- In the event of a 4-H member's inability to show their animal due to acute or chronic illness or injury, another 4-H member may assist them. Extension staff must be notified prior to the show.
- Each 4-H member is responsible for control of his/her animal.** Any animal deemed unruly by the County Livestock Committee will be removed from the show area by the owner and will not be allowed to be exhibited.
- All livestock exhibits shall be in place and ready to be judged at the scheduled time. The exhibitor will have a time limit of 5 minutes to get the animal into the ring after call for that class.
- Two animals per class can be shown by a 4-H member. If a 4-H member has more than one animal in the class, it will be shown by another 4-H member (no Cloverbuds or non-4-H members). The same animal cannot be shown in more than one class with the exception of showmanship.
- Premiums will be paid one per call, regardless of the number of breeds or classes entered. However, ribbons and grades will be awarded on each entry.
- There are State Fair classes for the Livestock projects; however delegates are **NOT** selected at the county level. Members meeting eligibility requirements and entry deadlines may participate. Contact the Extension office to get the website or copies of sections needed of the State Fair Jr. Dept. Premium Book.

## SHOWMANSHIP ACTIVITY

- Showmanship classes will be held at the end of each species being judged, or at a time during the show determined by the judge. There will be two Showmanship Classes: Junior and Senior division in each species, based on age as of Sept 1, 2020, not age at show time.
- All 4-H members will be allowed to show in the showmanship class with their own animal.
- If there is only one participant in any given showmanship class, awards will be given at the discretion of the judge.

## POPE-HARDIN COUNTY EXTENSION 4-H SHOW RISK MANAGEMENT PLAN

*Disclaimer: This document only refers to the 4-H activities, events, and actions of 4-H volunteers, 4-H enrolled membership, and county Extension employees at Pope-Hardin County Shows.*

### Section 1 General Operations

1. A grounds safety check will be done by volunteers and/or Extension staff members to make sure facilities are ready to receive participants and animals and that safety rules and signs have been posted.
2. A building evacuation plan and a traffic flow pattern will be posted in all buildings.
3. A First Aid kit will be available at the registration table.
4. All animals will be unloaded in designated areas. Parents, leaders, and 4-H members are to make sure paths are clear of public traffic when unloading.
5. A special accident insurance policy will be maintained for all 4-H Show activities.

### Section 2 Risks to Personnel

1. All 4-H Leaders and Extension staff will be made aware, prior to the show, on the following issues: liability, risk management plan, emergency action plans, insurance, animal rights, handling of grievances, emergency medical needs, and vet information.
2. All 4-H Show Volunteers will read and be familiar with the Pope-Hardin County 4-H Show Risk Management Plan and will have a copy available in their handbook.
3. All 4-H Show Volunteers will be asked to observe carefully the skills of members in handling their equipment and their animals around other 4-H members and the public. If the safety of a 4-H member, an animal, or the public is in danger, Extension staff has the right to take preventive action.
4. All 4-H volunteers will be asked to report to the Extension staff any suspicions they have of child abuse, animal abuse, drug or alcohol abuse, theft, or any other inappropriate behaviors.

### Section 3 Risks to Participants

1. All 4-H members will abide by the 4-H Code of Conduct for participation at 4-H events. Members not abiding by these rules will be asked to leave the grounds and may have to forfeiture premium monies.
2. All 4-H members should go to the registration desk regarding First Aid Treatment for participants.
3. All 4-H Exhibitors will be educated on how to deal with Animal Rights issues and people at the show.
4. All 4-H members will have access to emergency action procedures and building evacuation plans in relation to natural disasters, fires, etc.
5. All 4-H Horse exhibitors will read and sign that they understand 4-H Horse Safety Rules.
6. All 4-H Horse exhibitors registered in hunt seat equitation over fences will be shown the jumping course before competition and be allowed a warm up jump. Care will be taken in laying out the course to insure safety.
7. Prior to 4-H members showing their animals, Extension staff, volunteers or designated 4-H leaders will inform members of the following: how and when to leave stall or pen area; where to stand and wait for entry into show arena; who can wait with you and/or help you with your animal; equipment needed and/or allowed in show arena; how to enter show arena; and how to leave arena.
8. 4-H members will be told to keep obstacles out of the aisle, make sure animals are securely tied or in their pens, and have grooming chutes and stands kept in secure and safe places to facilitate safe public traffic flow.
9. 4-H members will be warned to withhold water fights unless it is a scheduled adult supervised activity held in a designated area away from major public use.
10. 4-H members will not be allowed to stay overnight on the grounds unless the appropriate agreement form has been completed, signed by the parent or guardian, and filed in the 4-H office.

### Section 4 Risk to the Public

1. To prevent conflict with the public, signs saying "Show in Progress - Please use Caution" will be posted during show times where animals are being moved.
2. Signs saying "Don't Feed the Animals" will be posted in each area.
3. Signs saying "Please Don't Stick Fingers or Other Objects in Cages" will be posted in the Rabbit and Poultry area.

### **Section 5 Risks to Property/Building/Equipment**

1. Any act of vandalism or damage to buildings, caused by 4-H participants or animals, will be reported to the 4-H Show Extension staff.
2. Accidents or injury caused by faulty wiring, unstable buildings, natural disaster, or lack of maintenance by the facility owners are not the liability of 4-H and/or the University of Illinois Extension.
3. Death, illness, or injury of an animal is the liability of the OWNER.
4. Stolen equipment or exhibits is a risk taken by the exhibitor. Exhibitors are reminded to label all equipment, keep it locked when not in use, and keep track of it if you lend it out.
5. The show area will be observed at all times to limit and watch for theft of articles on display, but Pope-Hardin County Extension staff and volunteers, cannot be responsible if a theft occurs.

### **Section 6 Emergency Action Plan**

In case of a major emergency all show attendees must meet a safe distance from the main entrance of the building, i.e. the main parking lot, for a head count to be conducted by the club leader.

### **Major Accident or injury**

1. Major accidents or injuries will be reported to Extension staff.
2. Extension staff and 4-H Leaders will determine if outside help is needed and call an Ambulance: 911.
3. After emergency situations have occurred and been handled, an Extension staff member will gather 4-H members involved at the time to update them of the situation and relieve anxieties.

### **Missing Person**

1. Missing persons will be reported to Extension staff immediately.
2. If the person does not show up, Extension staff will gather facts on the missing person, i.e. recent activities, location last seen, clothing description, special medical problems, etc.
3. Extension staff and 4-H Leaders will direct a preliminary search of the grounds.
4. If preliminary search fails, the Sheriff will be notified.
5. Extension staff will notify the parents of the missing person if the parents are not already aware of the situation.

### **Major Fire**

1. Fires will be reported to Extension staff immediately.
2. Extension staff will call the Fire Department.
3. Announcements regarding evacuation and safety procedures will be announced in the area of the fire by Extension staff.
4. Extension staff and 4-H Leaders will help direct traffic as needed in emergency situation.
5. If emergency medical help is needed, the Major Accident guidelines will be followed.

### **Section 7 Grievances**

1. The Extension staff will take the appropriate action to handle ALL grievances involving 4-H show activities.
2. Grievances involving judging activities should be put in writing and given to Extension staff.

Pope-Hardin County does not have show superintendents, but in the event of the need for grievance or rule/guideline clarification Extension staff will form a temporary ad hoc committee comprised of Extension staff and volunteers.

## ILLINOIS 4-H CODE OF CONDUCT

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

Our first priority is to create a safe, inclusive space for learning, sharing and collaboration that is welcoming to people from diverse backgrounds, cultures, and perspectives. Diversity includes, but is not limited to: race, color, religion, political beliefs, national or ethnic origin, immigration or citizenship status, sex, gender identity and expression, transgender status, sexual orientation, age, marital or family status, educational level, learning style, pregnancy, physical appearance, body size, and individuals with disabilities.

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

### CONSEQUENCES

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

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

## NAME AND USE OF 4-H EMBLEM



The 4-H Name & Emblem is a highly valued mark within our country's history. As such, it was granted a very unique and special status; it is in a category similar to the Presidential Seal and the Olympic Emblem. This federal protection makes it a mark into and of itself with protection that supersedes the limited authorities of both a trademark and a copyright. As a result, responsibility and stewardship for the 4-H Name & Emblem were not given to the U.S. Patent Office but were given to a higher level of the federal government, a member of the Cabinet, the Secretary of Agriculture. The Secretary has responsibility for the 4-H Name and Emblem, at the direct request of Congress. The "18 USC 707" is the statement in the United States Code that outlines the protection of the 4-H Name & Emblem.

In all private and commercial use of the 4-H Emblem, the statement "18 USC 707" must legibly appear either to the right of the base of the stem or below the lower right leaf of the clover. In use internal to the Cooperative Extension System (all 4-H Youth Development programs and clubs duly given authorization to use the 4-H Name & Emblem) use of the statement is at the discretion of the State 4-H Program Leader, or for those uses that are multi-state, regional, or national in scope, at the discretion of National 4-H Headquarters.

The 4-H Emblem should always appear in its entirety - meaning it should always appear as a whole and complete image - the image recognized by millions of people. This means:

- ❖ Don't remove any leaves. If you are using a clover image that has an "H" on each leaf, the leaves cannot be removed or have another image superimposed over the top of one of the leaves. Other images should be moved and appear completely separate from the 4-H Emblem. This also means you shouldn't "cut off" a leaf by running it off the edge of the paper in print media or other designs.
- ❖ Don't place text or other images over or on top of the 4-H Emblem. The 4-H Emblem should not appear screened under words or graphics. No photo, drawing, symbol, word or other figure or object may be placed on or obscure the 4-H Emblem. This includes on web pages, where it should not appear as a "watermark" behind other information.
- ❖ *Keep it Upright* - In general, the 4-H Emblem should not be rotated or turned on its side. There are some exceptions, such as on fabric where the emblem is scattered randomly across the fabric or in other random designs. If you are considering an exception, please contact the National 4-H Headquarters.
- ❖ **Color** - The 4-H Emblem should never be screened, shaded, gradated, or appear in a multi-colored hue. The official and preferred color of the 4-H Emblem is 100 percent PMS 347 green, (The H's reversed out to the color of the paper on which the emblem is printed). The clover can also be white, black, or metallic gold. The H's on the clover can be white, metallic gold (only on a green clover), green (only on a white clover), black, or *reversed out to the color of the paper (or medium) on which the emblem is printed*. The clover can be outlined in green (for white clover) or white (for green clover) to add prominence to the image and make the emblem stand out from the background.
- ❖ One-color printing requires either PMS 347 green or black. For commercial applications, the "18 USC 707" notice should be the same color as the clover leaves. Black is the only acceptable alternative to green for one-color printing and should be used only when cost prohibits green ink or color photocopies.

Two-color printing—Only PMS 347 green may be used for the leaves and "18 USC 707" notice—the H's will be reversed out of the PMS 347 to be white or the color of the paper on which the emblem is printed. The H's may also be printed in metallic gold (PMS 873) on a green background.