

## 2021 4-H Show Schedule \*\*

**\*\* Show Schedule Subject to change:** 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.

DATE	TIME	EVENT/DEADLINE
Saturday, March 27	9:00 am	Oral Communications/Public Presentations Contest
<b>Friday, May 14</b>	<b>4:30 pm</b>	<b>4-H UNIT Horse Show Entries Due!</b>
Saturday, June 5		STATE PUBLIC SPEAKING EVENT, Decatur, IL
Sunday, June 20		UNIT 4-H Horse Show (Refuge Ranch, Rochester, IL)
Friday, June 25	<b>4:30 pm</b>	<b>ONLINE FAIR ENTRY DEADLINE/EAR NOTCH SHEETS DUE@ Ext Office</b>
Sunday, June 27	6:00 pm	Unit Dog Show – Sangamon Co Fairgrounds, New Berlin, IL
Wednesday, July 14		<i>State Fair Entry Membership Verification Signature <b>DEADLINE</b></i>
Saturday, July 31	9:00 am	UNIT 4-H Cat Show (Special Events Building-Yellow Door)
	After Cat Show	Guinea Pig Show (Special Events Building-Yellow Door)
<b>Assigned judging times begin at</b>	10:00 am	Home & Family Show - (Special Events Building – BROWN Door)
<b>Assigned judging times begin at</b>	12 Noon	Food, Nutrition & Health Show – Logan Extension office
Monday, August 2		
<b>Assigned judging times begin at</b>	9:00 am	All General 4-H project judging begins (Miscellaneous, Floriculture, Horticulture/Vegetables, Crops, Visual Arts)
	4:00 pm	Cloverbud Exhibit Show
Tuesday, August 3	7:30 am	4-H Rabbit Show
	8:00 am	4-H Poultry Show
	9:00 – 11:00 am	State Fair 4-H Delegate appts. (Mtg Room/Extension Office)
	11 am – Noon	State Fair 4-H Alternate appts. (Mtg Room/Extension Office)
<b>Swine/Sheep IN BARNs</b>	<b>12 NOON</b>	<b>All 4-H swine/sheep animals must be in livestock barns</b>
	1:15 – 1:30 pm	Sheep Wethers Weigh-in
	1:30 – 3:00 pm	4-H Barrows & Commercial Gilts Weigh-in
	2:00 – 3:30 pm	Sheep & Swine Health/Registration papers checked (at show pavilion)
Wednesday, August 4	<b>8:00 am</b>	<b>Dairy Cattle must be on fairgrounds –</b> Dairy Cattle Health/Registration papers checked (at show pavilion)
	9:00 am	4-H Dairy Show
	9:00 am	4-H Swine Show
<b>Beef IN BARNs</b>	<b>12 NOON</b>	<b>All 4-H beef animals must be in livestock barns</b>
	12:15 pm	4-H Steers & Commercial Heifers Weigh-In/Beef Health & Registration Papers & tattoos checked (ALL beef animals to be brought to Show Pavilion/Scales for check-in)
<b>Goats on Grounds</b>	<b>1:00 pm</b>	<b>All 4-H goat animals must be on fairgrounds</b>
	1:00 – 1:15 pm	Meat Goat Wethers Weigh-in
	1:30 pm	Goat Health Papers check (Livestock Show Pavilion)
	2:00 pm	4-H Goat Show – Livestock Show Pavilion
	6:45 pm	ALL 4-H Scrambles - participant number pickup (small office next to Show Pavilion)
	7:00 pm	Chicken/Goat/Pig/Calf Scramble Meeting (Show Pavilion)
	7:30 pm	4-H Grandstand Show/Judging Scramble Steers/Calf Scramble
Thursday, August 5	8:00 am	4-H Sheep Show
	9:00 am	4-H Beef Show
	<b>2:00 pm</b>	Master Showmanship Contest (beef, sheep, swine)
Friday, August 6	<b>9:00 am</b>	<b>YOUTH LIVESTOCK AUCTION CONSIGNMENT DEADLINE</b>
Sunday, August 8	12 pm (NOON)	Youth Livestock Auction at Show Pavilion
	<b>12-2:00 pm</b>	<b>All 4-H Exhibits must be removed</b>
Saturday, August 14		<b>LOGAN COUNTY GENERAL PROJECT DAY AT ILLINOIS STATE FAIR</b>

## Show Policies and Regulations

**Illinois 4-H COVID 19 Social Distancing & Safety Practices:** The following COVID-19 social distancing/safety practices reflect requirements of Illinois Department of Public Health and University of Illinois event guidelines. These mitigation protocols may be modified to reflect requirements of local public health department based on local conditions at the time of the event.

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

If any of these guidelines presents a challenge for you, please contact us directly at 217-732-8289. 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.

**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.**

### Entry Procedure and Deadlines:

- No alcoholic beverages or controlled substances allowed during 4-H shows.
- Youth must be currently enrolled as a 4-H member and have been age 8 – 18 as of Sept. 1, 2020 to exhibit.
- 4-Hers must be enrolled in each 4-H project they wish to exhibit at the 4-H show by March 1. 4-H'ers should check their enrollments in the 4-H Online system (<https://il.4honline.com/>) prior to March 1 to ensure they are enrolled in the correct projects.
- Members must attend at least 1 club meeting or activity prior to completing online fair entry to be eligible to participate in summer shows, including the fair.
- Logan County 4-H Show entry will be submitted through Fair Entry (<https://logan4-hfair.fairentry.com>) no later than Friday, June 25. Any member that does not complete online entry will not be eligible to participate in the fair.
- Each member that entered in projects that require an exhibit tag will be notified when they are printed and ready for pick up prior to the show. 4-Hers should firmly attach the tag to their exhibit.
- 4-Hers will not be penalized for not bringing an exhibit.
- Cloverbud members are allowed to exhibit any activity they have done throughout the year and receive a participation ribbon. They will have opportunity to talk with a volunteer about their project in a show and tell style.
- GENERAL PROJECT EXHIBITS – allowed one entry unless otherwise specified

## Exhibit Rules and Guidelines

**Exhibit rules:** Specific rules for each project are listed in this Showbook. Be certain to follow the rules listed in this book exactly. 4-H exhibits which do not meet these guideline rules will not be eligible to receive a “blue” rating or any higher awards, such as champion project.

**Work of the exhibitor:** Projects are to be constructed by the exhibitor, and they must have been made in the current 4-H year. The same product or speech that is selected at the county level must be exhibited at the State Fair/State Contests, adjusted to State Fair class requirements (if necessary). All animals exhibited must have been owned and/or personally cared for by the exhibitor from the state required ownership date until the time of exhibit.

**Size:** See specific project requirements for size limitations. Exhibits over 4' tall may be placed on the floor.

**Category:** In the case where a project may have been entered into the wrong category, the superintendents have authority to move a project to the correct class if it doesn't meet the requirements of the class it was originally entered in. The project will be judged, but it forfeits all special awards, including state fair delegate and alternate.

**Conference Judging:** CONFERENCE JUDGING is required for general project exhibits, which means being present with your exhibit and discussing it with a judge. If a member has a conflict they must contact the Extension office to make arrangements.

**Premiums:** Premiums are given to 4-H members for judged projects based on the rating at the show using a “point value” system. The amount varies each year based on the amount provided to the Illinois Department of Agriculture for the 4-H Premium Fund. These funds are appropriated by the State of Illinois General Assembly. Members will only be paid a premium for 1 entry per class (ex. If member exhibits 2 projects in any one class, he/she will only be paid for 1).

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

**Ribbons/Point Values:**

Each exhibit will be judged for the following awards:

**Blue - meets requirements, good exhibit; Red – needs some improvement; White - needs much improvement**

Project Category	Blue	Red	White	Participation
Cloverbud	0	0	0	0
All Foods and Nutrition projects, All Natural Resource projects, Animal Science displays, Shopping in Style, Crops & Soils, Interior Design, Visual Arts, Small Engines, Collectibles, Communications, Entomology, Horticulture & Floriculture, Exploratory, Welcome to 4-H, Family Heritage, Health, Geology, Bicycle, Citizenship, Consumer Education, Child Development, Forestry, Intercultural, Leadership, Plant & Soil Science, Service Learning, Small Engines, Tractor, Theatre Arts, Weather, Vet Science, <i>All others not listed</i>	3	2	1	0
Cats, Dogs, Rabbits, Poultry, Small Pets, Woodworking, Welding, Electricity, Robotics, Technology, Aerospace, Video/Film, Photography, Shooting Sports Displays, Clothing & Textiles, Computer Science, Maker, Drones, eSports	4	3	2	0
Livestock (Beef, Sheep, Swine, Goats, Dairy, Horse/Pony)	5	4	3	0

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

**Tips for a successful 4-H Show:** Read your specific project exhibit requirements in the 4-H handbook. You must follow the project requirements exactly or you may not be awarded a blue ribbon. Review your 4-H project manual and be certain you have all the materials needed to complete the project. Get help now! Call your leaders or the Extension office if you have questions about exhibit requirements. Do not wait until the fair starts or the day of the show. Be sure you are aware of the date and time of your exhibit judging.

**State Fair:** Any 4-H members may be selected to participate in the State Fair. Members may exhibit one individual and one group (club) project at the State Fair, excluding live animals. If a member was selected in more than one area as an individual, they must choose only one to show at State Fair. Members are responsible for transporting their project to the State Fair and must be present for conference judging with their project on the specified day.

**\*Logan County Day at the Illinois State Fair will be Saturday, August 14, 2021\***

**Project care:** Care will be exercised to prevent accidents or damage of any kind to the projects, but the superintendents, University of Illinois Extension staff and project helpers will not assume any liability for damage to property or person.

**Saying “Thank You”:** Please remember to take time to say “Thank you” to the sponsors of trophies and gifts following the 4-H shows. Saying the words is nice, but taking time to write a short note is much appreciated. These notes help the donors realize that award sponsorship really means something to the 4-H member who received it. To assist you, the Extension office has attached an addressed thank you to the sponsor on your plaque and/or trophies. Animal project members should also write a thank you note if someone buys your animal at the youth livestock auction.

**Livestock Guidelines**

**Ethics Guidelines:** All livestock projects must be cared for or maintained by the individual 4-H member as a part of the learning process intended for all 4-H projects. With their entry, members are certifying that the project animal(s) has/have been cared for and maintained by the member and his/her immediate family during the required tenure of ownership and said animal(s) has/have not been cared for by a professional fitter or maintained at a professional fitter’s facilities. Members who need assistance fitting or grooming their animals for the show may seek help from their family members or other Logan County 4-H members. The 4-H member must be present during any grooming as an active participant in the process.

**Animal Rights:** If violations are observed, the animals will be excused from exhibition and possibly ordered to be removed from the grounds with all awards being forfeited as determined by superintendents, fair board, and/or Extension staff. Any practice or deviation from normal humane husbandry practices, including but not limited to artificial manipulations, physical abuse, medical treatments or mechanical applications of any substance, other than on the prescriptions of a licensed veterinarian, will constitute a violation of show rules and are subject to the above provisions.

**Showmanship:** You must sign up for showmanship classes when you do your fair entries online. No additions to classes will be made on show day. If a 4-H member wins Jr. Showmanship, they must move up a showmanship level and upon reaching Sr. Showmanship may stay in that class for remainder of 4-H exhibit years. 4-H members may enter showmanship classes every year of their 4-H career.

**Quality Assurance & Ethics Certification (QAEC):** All 4-H youth enrolled in animal project areas of poultry, horses, rabbits, cats, and dogs and plan to exhibit a “live animal” will be required to complete the QAEC online course once during a 4-H member’s career. Anyone who has already taken the certification does not need to retake the test. Members should print out their affidavit and

certificates and keep with their 4-H records. The Quality Assurance and Ethics Certification has been developed to review what is expected of youth when preparing for and exhibiting animals in competition. The course can be accessed here:

<http://web.extension.illinois.edu/gaec/>

**Youth for the Quality Care of Animals Training (YQCA):** All youth enrolled in a large animal livestock project area (beef, dairy, sheep, swine, goat) & plan to exhibit a “live animal” are required to attend/take training on an annual basis each year you exhibit livestock. In person as well as online training options to be offered (<http://yqca.org>) – watch the 4-H newsletter for dates or call 4-H office to obtain info. Members should print their completion certificates & keep with 4-H records.

**Health Certificates:** Health certificates for Beef, Dairy, Goats, Sheep, Swine, and Poultry in accordance with the Illinois Exhibition Livestock Health Requirements will be required. Animal health papers should be presented to specie superintendent and the fair vet when animals are unloaded at the fairgrounds. Lack of health papers may result in dismissal of animals from the grounds.

**Animal Registration Papers:** All exhibitors showing in purebred classes must have registration papers. Registration papers must be in the first and last name of the exhibitor (not to include farm names, initials of 4-H’ers, family names, etc.) and date of ownership as shown on registration papers must comply with 4-H ownership dates. Registration papers must be in the exhibitor’s possession at the fair-no electronic copies or Certificates from breed association representatives will be accepted in lieu of registration papers. The entry form itself still has to be in the individual exhibitor’s name.

**Illinois State Fair Livestock Entries:** Illinois State Fair Livestock Entry Forms are to be filed with the Illinois State Fair Junior Department and will need to be signed by a University of Illinois Extension employee before exhibitors send them to State Fair Entry Office. Signature verifies exhibitor is an active 4-H member and enrolled in the project area they are entering in. **It is the responsibility of exhibitor to submit entry forms to Illinois State Fair Jr. Department.** These entries are due July 15, 2021. Entry forms are available at Illinois State Fair website: <http://www.agr.state.il.us/isf/premium/> **TO RECEIVE 4-H MEMBERSHIP VERIFICATION SIGNATURE, ENTRIES MUST BE BROUGHT TO THE 4-H OFFICE BY JULY 14, 2021**

### General Project Information

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

**Club/Group Projects:** Clubs can take any project as a club/group project. All members wishing to participate must be enrolled in the project by the set deadline. The members will present the group project to the judge at the same time as individual project judging. The exhibit requirements for the project are the same as for individuals, however only 1 project is needed for the group. At least 3 members must be present for judging. Only members present at the judging will receive a premium. Only certain projects are eligible to advance to State Fair as a group exhibit.

**AEROSPACE-Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance. Projects are released on Sunday, August 8 from 12-2 pm.**

STATE FAIR SELECTION: Each county may send 2 entries total from 50130, 50131 and 1 entry from 50133.

Note: Members may choose to exhibit in more than one class but only one entry per class (i.e. A member enrolled in Aerospace 2 could exhibit in both classes 50130 Model Rocketry and Aerospace Ready4Life Challenge 50133)

**Model Rocketry: (SF 50130)**

**(Open to youth in Aerospace 2, Aerospace 3, and Aerospace 4)**

Exhibit one model rocket assembled or made by the member. The exhibit will be a static display. The model rocket should be in good flying condition. DO NOT include the rocket engine with your exhibit. The rockets will not be launched. Attach the printed directions for construction of the rocket if any were used.

**Aerospace Display: (SF 50131)**

**(Open to youth in Aerospace 2, Aerospace 3, and Aerospace 4)**

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

**Aerospace Ready4Life Challenge (SF 50133)**

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

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

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

## **BEEF**

**Thursday, August 5, 9:00 a.m. (Beef must be in livestock/cattle barns by NOON Wednesday, Aug. 4)**

Superintendent: Marc Short, Lincoln

Assistant Superintendents: Tracey Rawlings, New Holland; Matt Short, Lincoln; Kevin Foran, Williamsville

Announcer: Bill Bree, Lincoln

1. Exhibitor must follow all general livestock guidelines listed after 4-H Showbook Schedule.
2. All beef animals must be exhibited regardless of the number in a class.
3. 4-H Scramble calves will be grouped together, NO exceptions.
4. **Steer classes** will be weighed in Wednesday afternoon **Aug 4**, beginning at 12:15 p.m. Each breed will be divided into weight classes by the Superintendent and weighmaster after weigh-in is completed and will show in those classes Thursday. **Health & Registration papers will be checked on Wednesday, Aug 4 at 12:15 pm – ALL BEEF ANIMALS** to be brought to Show Pavilion/Scales for check in. Health requirements can be found online at <https://www2.illinois.gov/sites/agr/Animals/AnimalHealth/Pages/fair-exhibition-requirements.aspx>
5. Artificial coloring of animals will not be allowed above the hocks and animals found being artificially colored will be disqualified. Beef Superintendents shall be responsible for tueling procedures and for enforcement of rules.
6. Warts are a big concern. It will be left to the discretion of the County Fair Vet if an animal will be disqualified due to warts on an animal.
7. Personalized Show Shirts may be worn except during showmanship.
8. Must declare breed in February (at weigh-in time) and confirm breed with registration paper in June. If no paper in June the animal will show with crossbreds. No crossbreds will be allowed to show in a breed.
9. Show order will be: Steers, Breeding Beef Heifers, Prospect Heifers, Cow/Calf.
10. Animals do not have to be fitted for showmanship classes – it shall be the exhibitor's choice whether or not to fit for showmanship.
11. Grand Champion will be chosen from breed winners and Champion Crossbred. Reserve Grand Champion will be selected from remaining class with the reserve in class to the Grand Champion brought in. A Champion and Reserve Champion British Breed Steer will be selected, if not selected in Grand Champion drive.

### Steers

1. Beef Steers must have been owned by February 1, 2021.
2. All beef steers must be tattooed and weighed. All beef steers will be mouthed at the official County weigh-in Wednesday afternoon at the same time that they are weighed. No steer will be allowed to show regardless of birth date that has more than one pair of its milk teeth replaced by permanent teeth, and the permanent teeth cannot be advanced enough to be in wear. The decision of the examining veterinarians will be final.
3. Final decision of weight classes will be made at the scale.
4. Show order will be Steers: Black Angus, Herefords, Shorthorns, Simmentals, All Other Breeds/Crossbreds and Non-Papered Breeds. Grand Champion and Reserve Grand Champion Steer Over all Breeds.
5. The Top Rate-of-Gain Market Steer will be chosen, announced at the conclusion of the steer show and presented an award at that time.
6. Steer Blood Testing Rule: The Beef Superintendent and Logan County Extension Office reserve the right to blood test the Champion and Reserve Champion Steers of each Purebred Class at the Logan County 4-H Show for type to verify breed characteristics. Any protests must be filed in writing at the 4-H Office within 24 hours after the conclusion of the 4-H Beef Show. The protesting party will pay all blood testing expenses if tests are proven negative; if found positive, the 4-H'er will be responsible for all costs. Any breeder and/or exhibitor found to be in violation will not be awarded premiums and will be barred from exhibiting at the Logan County 4-H Show for the following one year. The second occurrence will bar that 4-H'er for his/her 4-H career from exhibiting. All premium and sale money will be held until tests are returned. Anyone found in violation: Sale money over market price will be refunded to the buyer.
7. **No 4-H cattle will be allowed to show with horns. Scurs are acceptable.**

### Heifers

1. Purebred Beef Breeding Heifer Classes
  1. Senior Heifer Calf – Sept. 1 to Dec. 31, 2020
  2. Late Summer Heifer – July 1 to August 31, 2020
  3. Early Summer Heifer – May 1 to June 30, 2020
  4. Late Junior Yearling Heifer – March 1 to April 30, 2020
  5. Early Junior Yearling Heifer – Jan. 1 to Feb. 28, 2020
  6. Senior Yearling Heifer-Sept. 1 to Dec. 31, 2019

- i. All Senior Yearling Heifers must be confirmed safe in calf with written documentation by examining veterinarian.
2. Beef purebred heifers must have been owned by June 1, 2021.
3. Tattoos of the top two places in each heifer class will be checked in the show ring if questioned.
4. Each breed of cattle will name a Champion Female and they are eligible to show for Supreme Champion Female.
5. Heifers will show in order of Black Angus, Red Angus, Hereford, Shorthorn, Simmental, and Papered Other Breeds and Commercial. Each breed shall show straight through until Champions have been selected.
6. Recognized Breed Associations will include: American Hereford Assoc., American Polled Hereford Assoc., American Shorthorn Assoc., American Simmental Assoc., and American Angus Assoc. Females registered in any other Breed Associations must show in Papered Other Breeds classes.
7. **ANY ANIMALS WITHOUT CORRECT REGISTRATION PAPERS WILL BE SHOWN IN NON-PAPERED COMMERCIAL HEIFER CLASS! (see Animal Registration info on page 8)**

#### Prospect Classes

- Prospect Heifer-Calved after 1/1/2021
- Prospect Bull-Calved after 1/1/2021
  1. All Breeds will be shown together.
  2. Registration papers are not required on calves but are optional.
  3. Any heifers exhibited in the Prospect Heifer class are not eligible to be shown in any heifer classes shown by breed.
  4. Calves shown in the Prospect classes are eligible to be shown with the dam in the Cow/Calf classes but not required.
  5. ALL livestock must have a health certificate that meets all health requirements of the state.

#### Cow/Calf Class

- Cow/Calf
  1. Registration papers are not required for the cow or the calf but are optional.
  2. Cow must be owned by the 4-H'er when bred.
  3. All breeds will be shown together.
  4. Both cow and calf must be halter broke and exhibited at the same time.
  5. The class is to be judged on the quality of the cow and calf and the efficiency of the cow in producing the calf.
  6. Calves shown with the cow are also eligible to be shown in the Prospect Calf classes but not required.
  7. ALL livestock must have a health certificate that meets all health requirements of the state.
  8. The calf is to be owned, exhibited and maintained by the exhibitor the same as the cow.
  9. Calf is to be born on or after January 1, 2021.
  10. At the Superintendent's discretion, cow/calves may leave the evening of Thursday, August 5.

**Beef Showmanship**-Exhibitors must REGISTER during online Fair Entry process for showmanship classes. If a member wins Jr. Showmanship, they must move up a showmanship level and upon reaching Sr. Showmanship may stay in that class for remainder of 4-H exhibit years. You are eligible to enter showmanship classes EVERY year of your 4-H career.

- Junior-8 to 10 years of age
- Intermediate-11 to 14 years of age
- Senior-15 to 19 years of age

#### **Beef Animal Science: (SF 50135) – Exhibited with General Projects on Monday, 8/2**

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

#### **Animal Science Beef Ready4Life Challenge: (SF 50137) Exhibited with General Projects on Monday, 8/2**

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

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

**BICYCLE** (not eligible for state fair)- **Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance. Projects are released on Sunday, August 8 from 12-2 pm**

**Bicycle 1 – 2** – Create a display on something you learned in your bicycle project.

### **Bicycle Ready4Life Challenge** (not eligible for state fair)/(Open to 11- to 18-year-olds enrolled in any Bicycle project)

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

## **CAT**

**Saturday, July 31 - 9:00 am - (Special Events Building/Yellow Door – Logan County Fairgrounds, Lincoln, IL)**

### **Unit 16 (Logan/Menard/Sangamon) Cat Show**

Superintendent: Jayden Lawrence, Beason

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

**Outdoor Cat** – Spends more than 50% outside

**Indoor Cat** – Spends more than 50% inside

**Kitten** – between the ages of 4 months to a year

#### **Cat Animal Science: (SF 50135) Exhibited with General Projects on Monday, 8/2**

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

#### **Animal Science Cat Ready4Life Challenge: (SF 50137) Exhibited with General Projects on Monday, 8/2 (Open to 11- to 18-year-olds enrolled in any Cat project)**

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

### **CHILD DEVELOPMENT- Saturday, July 31- at Special Events Building (brown door). Judging times will be assigned in advance.**

**Projects are released on Sunday, August 8 from 12 - 2 pm.**

STATE FAIR SELECTION: Each county may submit 3 entries entry from 50141 and one from 50142

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

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

#### **Child Development Ready4Life Challenge (SF 50142) - Open to 11- to 18-year-olds enrolled in Child Development project**

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

**CIVIC ENGAGEMENT/(CITIZENSHIP) – Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance. Projects are released on Sunday, August 8 from 12-2 pm**

STATE FAIR SELECTION: Each county may submit 2 entries total from classes 50145, 50146, 50147 and 1 entry from 50149.

**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. **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).

**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. **EXHIBITS ARE LIMITED TO 2' 6" WIDE AND 15" DEEP.**

**Civic Engagement Ready4Life Challenge:** (SF 50149) - **(Open to 11- to 18-year-olds enrolled in any Citizenship project)**

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

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

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

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

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

**CLOTHING & TEXTILES - Saturday, July 31 - at Special Events Building (brown door). Judging times will be assigned in advance. Projects are released on Sunday, August 8 from 12 - 2 pm.**

STATE FAIR SELECTION: Each county may submit 3 entries total from 50151, 50152, 50153; 2 entries from 50154, 50155, 50156; and 1 Ready4Life entry from 50157.

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

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

**CLOTHING/STEAM**

**STEAM Clothing 1 – Fundamentals:** (SF 50151) Exhibit in one or more of the following classes: Non-Sewn (SF 50151A), Non-Clothing (SF 50151B), or Sewn Clothing (SF 50151C). Only one exhibit per class. (i.e. A member enrolled in STEAM Clothing 1 could exhibit in both classes 50151A Non-Sewn Exhibits and 50151C Sewn Clothing; but a member can **NOT** exhibit **TWO** Sewn Non-clothing Exhibits in SF 50151B)

*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.*

**Non-Sewn Exhibits**



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

#### **Sewn Non-Clothing Exhibits**

- 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**

- 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 50152) Exhibit in one or more of the following classes: Non-Sewn (SF 50152A), Non-Clothing (SF 50152B), or Sewn Clothing (SF 50152C). Only one exhibit per class. (i.e. A member enrolled in STEAM Clothing 2 could exhibit in both classes 50152A Non-Sewn Exhibits and 50152C Sewn Clothing; but a member can NOT exhibit TWO Sewn Non-clothing Exhibits in SF50152B)

#### **Non-Sewn Exhibits**

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

#### **Sewn Non-Clothing Exhibits**

- 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**

- 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 50153) Exhibit in one or more of the following classes: Non-Sewn (SF 50153A), Non-Clothing (SF 50153B), or Sewn Clothing (SF 50153C). Only one exhibit per class. (i.e. A member enrolled in STEAM Clothing 3 could exhibit in both classes 50153A Non-Sewn Exhibits and 50153C Sewn Clothing; but a member can NOT exhibit TWO Sewn Non-clothing Exhibits in SF50153B)

#### **Non-sewn Exhibits**

- Clothing Portfolio – Complete at least four different samples/activities from Chapters 2, 3 AND/OR 4 of the project manual. The Portfolio should be placed in an 8 ½ x 11, 3 ring binder. Include an appropriate cover, dividers, and table of contents. NOTE – this can be a continuation of a Portfolio created in STEAM Clothing 1 and/or STEM Clothing 2. Additional pages can be added each year but must be dated with the year created. See project manual, pages 11-13 for portfolio formatting.
- Expanded Textile Science Scrapbook - Must include at least 10 different textile samples. Use Textile Information Cards template on page 29 in project manual to identify fabric swatches. Completed textile cards should be placed in an 8 ½ x 11, 3 ring binder. Include an appropriate cover. See Project, pages 39-52 for fabric science experiments.
- Advanced Entrepreneurial Sewing – Using knowledge gained in project manual, Chapter 5, display one sample product with a business plan that includes a business ID and logo. The Exhibit may be a notebook, poster or small display.

#### **Sewn Non-Clothing Exhibit**

- 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**

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

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

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

#### **Shopping in Style (SF 50154)**

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

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

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

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

selection, cost per wearing, and garment care.

**Shopping in Style: Advanced** – Choose one of the following activities from Unit 5 or Unit 6 of the project book

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

**Sewing & Textiles Ready4Life Challenge:** (SF 50157)

**(Open to 11- to 18-year-olds enrolled in any Sewing & Textiles project)**

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

**Cloverbuds – Exhibit Day – Monday, 8/2 – at 4 pm in Special Events Building (brown doors)**

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

**Individual Exhibit- Cloverbud Project** - Exhibit a poster or display showing one or more things you learned in this project.

**Cloverbud Club Exhibit** - A display of items or activities completed by the Cloverbud members as a part of their cloverbud club. Cloverbud club must be present for conference judging.

**COLLEGE & CAREER READINESS- Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance. Projects are released on Sunday, August 8 from 12-2 pm.**

STATE FAIR SELECTION: Each county may submit 1 entry from 50365; and 1 entry from 50366.

**Build Your Future:** (SF 50365)

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

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

**College & Career Ready4Life Challenge:** (SF 50366)

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

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

**COMMUNICATIONS - Saturday, July 31 - at the Special Events Building (brown door). Judging times will be assigned in advance. Projects are released on Sunday, August 8, from 12-2 pm.**

STATE FAIR SELECTION: Each county may submit 2 entries total from 50367, 30568, 50369; and 1 entry from 50370.

**Communications 1** (SF 50368)

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

**Communications 2 (SF 50368)**

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

**Communications 3 (SF 50368)**

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

**Creative Writing – (SF 50367)**

**Exhibits will be DUE to 4-H Office on Tuesday, July 20, 2021 to be reviewed prior to conference judging on show day, Saturday, July 31.**

Each member may submit only one entry per class. Each entry is to be typewritten on 8 ½ x 11 paper and include exhibitors name. Entries must be original and **written for the 4-H project**. Stories should be double-spaced. Poems may be single-spaced.

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

**Journalism (SF 50369)**

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

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

**Communications Ready4Life Challenge: (Open to 11- to 18-year-olds enrolled in any Communications project)**

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

**COMPUTER SCIENCE- Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance. Projects are released on Sunday, August 8 from 12-2 pm**

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

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

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

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

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

**Intermediate Visual Programming (SF 50159)**

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

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

**Advance Visual Programming (SF 50160)**

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

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

### **Website Design: (SF 50161) - Open to youth in Computer Science Visual or Text Based Programming**

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

### **Computer Open Source / Innovation CS (SF 50162) - Open to youth enrolled in Computer Science Text-Based Programming or robotics project).**

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

### **Computer Science Ready4Life Challenge (SF 50164)- Open to 11- to 18-year-olds enrolled in any Computer project**

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

## **CONSUMER EDUCATION - Saturday, July 31-at the Special Events Building (brown door). Judging times will be assigned in advance. Projects are released on Sunday, August 8, from 12-2 pm.**

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

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

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

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

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

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

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

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

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

Consumer Breadcrumbs.

**Consumer Ed Ready4Life Challenge (SF 50167)- Open to 11- to 18-year-olds enrolled in any Consumer Education project.**

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

**CROPS - Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance. Projects are released on Sunday, August 8 from 12-2 pm**

STATE FAIR SELECTION: Each county may submit 3 entries total from 50170, 50171, 50172, 50173; and 1 entry from 50175. All Crops to be exhibited must be free of disease, insect injury and apparent nutrient deficiency.

**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 @ <https://go.illinois.edu/croprecord> , an FFA crops record, or similar information.

**Corn (SF 50171)**

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

**Crops Innovation Class (SF 50173) - Open to youth enrolled in any Crops project**

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

**Crops Ready4Life Challenge (SF 50175) - Open to 11- to 18-year-olds enrolled in any Crops project**

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

**DAIRY CATTLE - Wednesday, August 4 – 9:00 a.m.**

**(Dairy must be on fairgrounds by 8 am on Wednesday, August 4 – health papers checked @ show pavilion - 8 am)**

Superintendent: Cindy Stoll, Chestnut

1. Exhibitor must follow all general livestock rules listed after 4-H Showbook Schedule.
2. All breeds will show in their respective classes regardless of number in the class.
3. Dairy cows in production will show as entered in the breed classes.
4. Dairy calves and heifers must have been owned by June 1, 2021.
5. Dairy cows must have been owned by January 1, 2021 and must have had a calf within the past year to be shown in cow class.
6. Each breed will name a Champion Heifer and Cow; Grand Champion Heifer and Cow will be named for all breeds.
7. Health and Registration papers will be checked on Wednesday, Aug 4, in the Show Pavilion at 8 am. Health requirements can be found online here:  
<https://www2.illinois.gov/sites/agr/Animals/AnimalHealth/Pages/fair-exhibition-requirements.aspx>
8. Purebred Dairy Cattle Classes are as follows:
  1. Junior Heifer Calf – on or after 12/1/20

2. Senior Heifer Calf – 9/1/20 – 11/30/20
  3. Junior Yearling – 3/1/20 – 8/31/20
  4. Senior Yearling – 9/1/19 – 2/28/20
  5. Cow – born before 9/1/19
9. Purebred Dairy Cattle Breeds are: Holstein, Milking Shorthorn, Guernsey, and Other Purebred Breeds.
  10. **ANY ANIMALS WITHOUT CORRECT REGISTRATION PAPERS WILL BE DISQUALIFIED!**

**Dairy Showmanship**-Exhibitors must REGISTER during online Fair Entry process for showmanship classes this year. If 4-H member wins Jr. Showmanship, they must move up a showmanship level and upon reaching Sr. Showmanship may stay in that class for remainder of 4-H exhibit years. You are eligible to enter showmanship classes EVERY year of your 4-H career.

- Junior-8 to 12 years of age
- Senior-13 to 18 years of age

**Dairy Cattle Animal Science (SF 50135) - Exhibited with General Projects on Monday, 8/2**

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

**Animal Science Dairy Cattle Ready4Life Challenge (SF 50137) - (Open to 11- to 18-year-olds enrolled in Dairy Cattle project) Exhibited with General Projects on Monday, 8/2**

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

**DOG**

**Dog Animal Science: (SF 50135) Exhibited with General Projects on Monday, 8/2. Judging times will be assigned in advance.**

**Projects are released on Sunday, August 8 from 12-2 pm**

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

**Animal Science Dog Ready4Life Challenge: (SF 50137) Exhibited with General Projects on Monday, 8/2. Judging times will be assigned in advance. Projects are released on Sunday, August 8 from 12-2 pm**

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

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

**ELECTRICITY - Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance. Projects are released on Sunday, August 8 from 12-2 pm**

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

**Electricity 1 (SF 50177)**

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

**Electricity 2 (SF 50178)**

(May only be battery-powered projects using battery components and wiring) Exhibit a circuit board demonstrating parallel and series switches, including a circuit diagram; 3-way or 4-way switch circuit using DC/battery; **OR** a basic electrical device (examples: rocket launcher, burglar alarm, etc). All projects must include a report explaining how the project was constructed and the principles demonstrated. Recommendations can be found on the website. Projects using paper clips, cardboard, thumbtacks, & brads are not eligible for state fair exhibits in electricity. Members wishing to exhibit these types of projects should consider exhibiting in Junkdrawer Robotics 1 or 2.

**Electricity 3 (SF 50179)**

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

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

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

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

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

**ENTOMOLOGY GENERAL- Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance. Projects are released on Sunday, August 8 from 12-2 pm.**

STATE FAIR SELECTION: Each county may submit 2 entries total from 50183, 50184, 50185, 50186; 1 from 50187.

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

**Entomology 1 (SF 50183)**

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

**Entomology 2 (SF 50184)**

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

**Entomology 3 (SF 50185)**

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

**Entomology Display (SF 50186) Open to youth enrolled in Entomology 1, Entomology 2 or Entomology 3**

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

**Entomology Ready4Life Challenge (SF 50187) Open to 11- to 18-year-olds enrolled in any Entomology project.**

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

**ENTOMOLOGY BEEKEEPING - Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance. Projects are released on Sunday, August 8 from 12-2 pm.**

STATE FAIR SELECTION: Each county may send 2 entries total from Classes 50188, 50189, 50190; and 1 entry from 50191.

Create an exhibit that shows the public what you learned in the beekeeping project this year. **Note:** No bee hives may be exhibited. (Honey moisture content will be measured.) Fill level: the honey should be filled to the jar shoulder, not over, nor under. Chunk



honey should go in a wide-mouth jar, preferably one specially made for chunk honey (see beekeeping catalogs). Be careful to distinguish “chunk honey” (comb in jar) from “cut comb” (comb only in plastic box). *Honey exhibited (including chunk, cut comb, and sections) must be collected since the previous year fair.*

**Beekeeping 1 (SF 50188)**

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

- Flowers Used to Make Honey. Display pressed flowers from ten (10) different Illinois plants that bees use for making honey.
- Uses of Honey and Beeswax.
- Setting Up a Bee Hive.
- Safe Handling of Bees.
- Equipment needed by a Beekeeper.

**Beekeeping 2 (SF 50189)**

Exhibit one (1) of the following:

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

**Beekeeping 3 (SF 50190)**

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

1. Extracted Honey: Three (3) 1# jars (glass)
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- 3 sections (honey built by bees in frames of wood commonly called “sections” (boxes are usually 4 ½” x 4 ½” in size)
5. Section honey: three (3) sections of comb honey (in basswood boxes or Ross rounds) or
6. Prepare an educational display about honey bees or beekeeping.

**Entomology Beekeeping Ready4Life Challenge (SF 50191) Open to 11- to 18-year-olds enrolled in any Entomology project.**

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

**ESPORTS - Monday, August 2-check in from 8-9 am at Special Events Building (brown doors) with judging beginning at 9 am.**

**Projects are released on Sunday, August 8, from 12-2 pm.**

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 - Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance.**

**Projects are released on Sunday, August 8 from 12-2 pm.**

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

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

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

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

Exhibit maximum of six items from your collection, as well as a picture of your complete collection which demonstrate your understanding of a technique, skill or knowledge you learned from your Collectibles "My Favorite Things" project manual. Photo of your complete project will be left for exhibit and items in your collection will be taken home after judging.

**FAMILY HERITAGE - Saturday, July 31-at the Special Events Building (brown door). Judging times will be assigned in advance. Projects are released on Sunday, August 8, from 12-2 pm.**

STATE FAIR SELECTION: 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 the size needs to be a different size because the historical item is larger than 22'x28" please contact the superintendents for approval.

**Family Heritage Ready4Life Challenge (SF 50199) Open to 11- to 18-year-olds enrolled in any Family Heritage project.**

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

**FOODS & NUTRITION - Saturday, July 31 at Logan Extension Office. Judging times will be assigned in advance. Projects will be moved to Logan County Fair Exhibit building (yellow doors) and released on Sunday, August 8, from 12-2 pm.**

STATE FAIR SELECTION: Each county may submit 7 total entries 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 one or more of the following exhibit options:* 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 one or more of the following exhibit options:* 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 one or more of the following exhibit options:* 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 one or more of the following exhibit options:* 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 1-4 (SF 50204)**

Prepare a display, digital presentation, or poster on one of the food science experiments from the manual that you completed. Share 1) the food science question you investigated; 2) process used to conduct the experiment; 3) results and observations; 4) what you

learned; and 5) how you have applied this information. You must furnish any equipment you need for the exhibit. Internet service is not provided. All exhibits must include something visual, such as a printed copy of a digital presentation. Electronic equipment will only be used during your judging time and will not remain on display during the exhibit period.

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

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

#### **Examples for Activity 1**

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

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

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

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

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

All preserved products should be prepared and processed according to the current USDA/Extension information. USDA information on preserving food, including recipes, can be found at: [www.homefoodpreservation.com](http://www.homefoodpreservation.com) or 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, 2019.
- Green beans, pressure canner. July 13, 2019.
- Beef jerky, food dehydrator and oven. July 13, 2019.

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

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

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

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

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

### **Foods Innovation Class (SF 50211) - Open to youth enrolled in any Foods project.**

Demonstrate the skills and knowledge you have gained through the project. The exhibit may include, but isn't limited to, original recipes, results of experiments not in the foods project books, variations on recipes or experimenting with unique cooking or baking methods. Your work can be displayed by a food product, demonstrations, digital presentations, performances, or posters which you

have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. If you bring a food product, the food will NOT be tasted.

**Foods Nutrition Ready4Life Challenge (SF 50210) Open to 11- to 18-year-olds enrolled in any Foods project**

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

**FORESTRY - Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance. Projects are released on Sunday, August 8 from 12-2 pm.**

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

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

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

**Forestry Ready4Life Challenge (SF 50216) - Open to 11- to 18-year-olds enrolled in any Forestry project.**

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

**GEOLOGY - Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance. Projects are released on Sunday, August 8 from 12-2 pm.**

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

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

**Pebble Pups 1 (SF 50218)**

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

**Pebble Pups 2 (SF 50219)**

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

**Rock Hounds 1 (SF 50220)**

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

**Rock Hounds 2 (SF 50221)**

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

**Geology Innovation Class (SF 50222) - Open to youth enrolled in Geology.**

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

**Geology Ready4Life Challenge (50224)- Open to 11- to 18-year-olds enrolled in the Geology project.**

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

### **GOATS - For youth enrolled in Dairy Goats, Meat Goats**

**Wednesday, August 4 – 2:00 p.m. – LIVESTOCK SHOW PAVILION**

**(Goats MUST be on fairgrounds by 1 pm on Wednesday, August 4)**

#### **Meat Goat Wether Weigh In – 1:00 p.m**

Superintendent: Bruce Davis, Easton

Assistant Superintendent: Lane Davis, Mt. Pulaski

1. Read General Rules & Regulations for 4-H Livestock found listed after 4-H Showbook Schedule.
2. Every goat must be shown on a collar or halter. They should also be secured properly during show. Entries must be on the grounds by 1 pm, Wednesday, August 4, and ready for judging at 2:00 p.m.
3. Meat Goat Wethers will be weighed in at 1 pm and then split into classes by superintendent based on weight after weigh-in is completed.
4. **ALL GOATS MUST HAVE HEALTH PAPERS.** Health Paper check is at 1:30 pm of show day or prior to Goat Show @ Livestock Show Pavilion. Health requirements are found online here:  
<https://www2.illinois.gov/sites/agr/Animals/AnimalHealth/Pages/fair-exhibition-requirements.aspx>
5. Exhibitor must have owned and cared for animal since June 1, 2021.
6. All dairy goats and all meat goat wethers must be debudded (no horns). Meat goats shown in breeding classes are allowed to have horns.
7. If wether is to be shown at IL State Fair, it must be tattooed before May 15 with official tattoo.
8. Show Order: Dairy Goats, Meat Goats, Prior Year Scramble Goat class
9. Meat Goat Wethers are eligible to sell at Youth Livestock Auction.
10. A goat may only be shown in one class except mother/offspring, and last year's scramble goat.
11. **NO FERTILE MALE GOATS ALLOWED**

#### **Dairy Goats**

**Doe Kids born after Jan. 1, 2020**

**Yearling dry doe 1 year of age**

**Yearling milker, 1 year of age in milk**

**Doe two years and older in milk**

**Mother and offspring – any mother of any age with any one offspring**

#### **Meat Goats**

**0-3 month old Meat Goat Kid Doe born 5/2/21 – 8/1/21**

**3-6 month old Meat Goat Kid Doe born 1/2/21 – 5/1/21**

**6-9 month old Meat Goat Doe born 10/2/20 – 1/1/21**

**9-12 month old Meat goat doe born 7/2/20 – 10/1/20**

**12-16 month old Meat goat doe born 3/2/20 – 7/1/20**

**16-20 month old Meat goat doe born 11/2/19 – 3/1/20**

**20-24 month old Meat goat doe born 7/2/19 – 11/1/19**

**24 months and older Meat goat doe 7/1/19 and older**

**Meat Goat Wether born after Oct. 1, 2020**

**Mother and offspring – any mother of any age with any one offspring**

#### **4-H Only Class Below**

**Prior Year Scramble Goat from 2020 Goat Scramble**

**Goat Showmanship**-Exhibitors must REGISTER during online Fair Entry process for showmanship classes. If 4-H member wins Jr. Showmanship, they must move up a showmanship level and upon reaching Sr. Showmanship may stay in that class for remainder of 4-H exhibit years. You are eligible to enter showmanship classes EVERY year of your 4-H career.

- Junior-8 to 12 years of age
- Senior-13 to 18 years of age

#### **Goat Animal Science: (SF 50135) Exhibited with General Projects on Monday, 8/2**

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

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

**Animal Science Goats Ready4Life Challenge: (SF 50137) Exhibited with General Projects on Monday, 8/2 (Open to 11- to 18-year-olds enrolled in any Goat project)**

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

**HEALTH - Saturday, July 31 at Logan Extension Office. Judging times will be assigned in advance. Projects will be moved to Logan County Fair Exhibit building and released on Sunday, August 8, from 12-2 pm.**

STATE FAIR SELECTION: 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 Innovation Class (SF 50229) - Open to youth enrolled in Health 1, 2 or 3.**

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

**Health Ready4Life Challenge (SF 50231)- Open to 11- to 18-year-olds enrolled in any Health project.**

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

## **HORSE**

**Horse Animal Science: (SF 50135) Exhibited with General Projects on Monday, 8/2. Judging times will be assigned in advance. Projects are released on Sunday, August 8 from 12-2 pm**

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

**Animal Science Horse Ready4Life Challenge: (SF 50137) Exhibited with General Projects on Monday, 8/2. Judging times will be assigned in advance. Projects are released on Sunday, August 8 from 12-2 pm**

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

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

**HORTICULTURE: FLORICULTURE - Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance. Projects are released on Sunday, August 8 from 12-2 pm.**

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

- **Flowers**-Each exhibitor will be limited to one entry in each class; flower entries are limited to three total entries.
- Scale of points:
  - Cultural perfection (color, form, substance, size, foliage, stem).....85
  - Distinction of species or variety.....5
  - Condition.....10
    - **Annual Flower/Flower Gardening**-exhibit in one container, 3 individual stems each with uniform bloom or blooms-each with attached foliage (foliage that would be inside the container must be removed). All three blooms or stems need to be the same variety, color, shape, and size. Must have been grown from seed, young seedling plant, bulbs, or rhizomes by the exhibitor.
    - **Perennial Flowers**-one kind, 3 stems, uniform in size.
    - **Annual Flowers**-collection of mixed annuals, at least 2 different kinds, 6 stems
    - **Perennial Flowers**-Collection of mixed perennials, at least 2 different kinds, 6 stems
    - **Flowering Shrubbery**-one kind, 6 stems
    - **Dahlia**-or any other bulb other than gladioli, 3 stems, alike, same variety, and color
    - **Gladiola**-3 stems alike, same variety and color
    - **One Single Rose**
    - **Florabunda or Grandiflora**-one stem
    - **House Plant - (houseplant alone is NOT state fair eligible)** exhibit one house plant (foliage or flowering) in container OR a garden dish. Plant must be started from a seed, cutting or tuber and grown by the exhibitor in the current 4-H year.

**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 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, Floriculture D)**

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

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

**Floriculture Ready4Life Challenge (SF 50198) - Open to 11- to 18-year-olds enrolled in any Floriculture project.**

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

**HORTICULTURE: VEGETABLE GARDENING - Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance. Projects are released on Sunday, August 8 from 12-2 pm.**

STATE FAIR SELECTION: Each county may submit 3 entries total for 50314, 50315, 50316; and 1 entry for 50318.

All vegetables exhibited 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 vegetables, including but not limited to different varieties, soil testing, fertilizers used, etc. Vegetable 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 a Superior exhibit.

- 1 to 1 ½ inch of top should be left on all beets, carrots, and onions. Husks should be left on and not broken on sweet corn. No waxes or oils may be used on vegetables.
- The two plates used for vegetable exhibitors will be placed on the table for judging then moved to proper classes by superintendents. The 4-H member's vegetable plates will be displayed together. For State Fair consideration, you must exhibit TWO plates at the Logan County Fair and TWO plates at State Fair.

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)** A single display container should hold majority of vegetables.

**(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) – plates to be furnished by 4-H member – sturdy plate (like Chinex is recommended – NO Styrofoam)**

**(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)

Lettuce (1 head or plant)

Potatoes (any variety) (5)



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

**Vegetable Gardening Display (SF 50316)**

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

**Vegetable Gardening Ready4Life Challenge (SF 50318) - Open to 11- to 18-year-olds enrolled in Veg. Gardening project.**

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

**INTERCULTURAL - Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance.**

**Projects are released on Sunday, August 8 from 12-2 pm.**

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

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

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

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

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

**Intercultural Ready4Life Challenge (SF 50236)- Open to 11- to 18-year-olds enrolled in any Intercultural project.**

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

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

Exhibit a display illustrating the steps that the club has completed on the project selected for the year. Include a written outline or report of accomplishments and future goals. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what the club members have learned. You must furnish any equipment you need for your exhibit. Internet service will

not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. The display must be accompanied by 3 or more club exhibitors at the time of the judge's critique. Club members should make a 5- to 10-minute presentation to the judge. All club members present for the judge's critique should be able to discuss the project and answer questions. Only club members present for judging who participate in the actual critique and presentation are eligible for ribbons and premiums. Due to space restrictions, exhibits are limited to 2' 6" wide and 15" deep.

**INTERIOR DESIGN - Saturday, July 31-at the Special Events Building (brown door). Judging times will be assigned in advance.**

**Projects are released on Sunday, August 8, from 12-2 pm.**

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

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

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

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

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

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

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

**Interior Design Innovation Class (SF 50245) - Open to enrolled in Interior Design.**

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

**Interior Design Ready4Life Challenge (SF 50247)- Open to 11- to 18-year-olds enrolled in the Interior Design project.**

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

**LEADERSHIP- Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance. Projects are released on Sunday, August 8 from 12-2 pm.**

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

**Leadership 1 (SF 50249)**

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

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

**Leadership 2 (SF 50250)**

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

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

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

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

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

### **Leadership Innovation Class (SF 50252) - Open to youth enrolled in Leadership 1, 2, or 3.**

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

### **Leadership Ready4Life Challenge (SF 50255) - Open to 11- to 18-year-olds enrolled in any Leadership project.**

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

### **MAKER - Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance. Projects are released on Sunday, August 8 from 12-2 pm**

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 - Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance. Projects are released on Sunday, August 8 from 12-2 pm.**

### **NATURE: NATURAL RESOURCES AND OUTDOOR ADVENTURES**

STATE FAIR SELECTION: 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 -3:** (SF 50259)

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

**Natural Resources Ready4Life Challenge** (SF 50267)

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

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

**NATURE: FISHING AND WILDLIFE**

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

**Sportsfishing 1** (SF 50260)

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

**Sportsfishing 2** (SF 50261)

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

**Sportsfishing 3** (SF 50262)

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

**Wildlife 1** (SF 50266)

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

**Wildlife 2** (SF 50263)

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

**Wildlife 3** (SF 50265)

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

**Fishing & Wildlife Ready4Life Challenge** (SF 50291) - **Open to 11- to 18-year-olds enrolled in any Fishing or Wildlife project.**

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

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

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

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

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

**PHOTOGRAPHY- Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance.**

**Projects are released on Sunday, August 8 from 12-2 pm.**

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

Note: Members may choose to exhibit in more than one class but only one entry per class (i.e. A member enrolled in Photography 3 could exhibit in both classes 50269 Photography 3 and Photo Editing 50271)

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

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

**PLANTS & SOILS - Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance.**

**Projects are released on Sunday, August 8 from 12-2 pm.**

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

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

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

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

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

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

**Plants & Soils Ready4Life Challenge** (not eligible for state fair) - **Open to 11- to 18-year-olds enrolled in Plants/Soils project.**

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

## **POULTRY – Tuesday, August 3**

**Meat Pen Weigh-In – 7:45 a.m.**

**Tuesday, August 3 – 8:00 a.m.**

Superintendent: Don Wibben

Assistant Superintendent: Brooke Furman

1. All birds must be hatched after September 1, 2020. At Judge's discretion older aged birds will be disqualified.
2. The American Standard of Perfection will be the guide for judging the breed type classes with utility also being emphasized.
3. All breed groupings shall consist of one cockerel and two pullets. They may also be shown as singles.
4. Broiler-fryer and Roaster market pens shall consist of three cockerels or three pullets. Broiler-fryers will need to weigh under 4 lbs. Roasters will need to weigh over 4 lbs.
5. All meat pens will be weighed before the start of show. Scales will be provided.

### **CHICKENS**

Breeds shown in poultry are Mediterranean, American, Asiatic, English, Hybrids/X-Breds, Bantam (Feather Legged), Bantam (Clean Legged), and any "other breeds" not listed above.

**Single Pullet**

**Single Cockerel**

**Young Breeding Pen of 3 (1 cockerel, 2 pullets)**

### **MARKET PEN**

**Broiler-Fryer, all breeds, crosses, and hybrids** (judged on conformation, fleshing finish, feathering, and uniformity)

**Roaster, all breeds, crosses, and hybrids** (judged on conformation, fleshing, finish, feathering, and uniformity)

### **TURKEYS, GEESE & DUCKS**

**Tuesday, August 3, 8:00 am**

1. Members may exhibit turkey, ducks and geese
2. All birds must have been hatched after September 1, 2020. At judged discretion older aged birds will be disqualified.
3. Birds must be owned by June 1, 2021.

**Single Tom Turkey**

**Single Goose**

**Single Duck**

**Single Turkey Hen**

**Single Gander**

**Single Drake**

**Breeding Pair Turkey**

**Breeding Pair Geese**

**Breeding Pair Ducks**

**Poultry Showmanship**-Exhibitors must REGISTER during online Fair Entry process for showmanship classes. You are eligible to enter showmanship classes EVERY year of your 4-H career.

- Junior-8 to 12 years of age

- Senior-13 to 18 years of age

**Poultry Animal Science (SF 50135) Exhibited with General Projects on Monday, 8/2**

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

**Animal Science Poultry Ready4Life Challenge (SF 50137) - Open to 11- to 18-year-olds enrolled in any Poultry project. Exhibited with General Projects on Monday, 8/2**

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

**RABBITS**

**Tuesday, August 3 – 7:30 a.m.**

Superintendent: Nathan Sasse, Beason

Assistant Superintendent: Joe Stambaugh, Beason

1. All rabbits need to have a tattoo in the left ear in order to be shown. If you need rabbits tattooed, contact superintendent Nathan Sasse 217-737-8219 by July 16<sup>th</sup>. Also consult the 4-H Rabbit Superintendent if you do not know your breed of rabbit.
2. The 4-H Rabbit Show is NOT a sanctioned American Rabbit Breeders Association Show. The ARB Rules will be abided at the judge's discretion.
3. If the 6 Class or 4 Class would win the Champion Rabbit Trophy, then the Reserve Champion of that Class would be eligible to show for Reserve Champion Rabbit Trophy.
4. If the same Exhibitor wins both Champion and Reserve Champion Meat Pens, a third place meat pen must be selected to sell in the Youth Livestock Auction in place of the Reserve Meat Pen. Other Auction rules apply.

**Pen of 3 Meat Rabbits** - (above 2 lbs., not over 5 lbs. within ¼ lb. of each other, should be as evenly matched as possible. Pen may be of one breed or cross) not to be over 70 days old

**Single Fryer** – Rabbits to be above 2 lbs and not over 5 lbs. Not to be over 70 days old. Can be one of the rabbits from your meat pen.

**All 6 Class** (Including following breeds: American, Beveren, California, Champagne D'Argent, American Checkered Giant, American Chinchilla, Giant Chinchilla, Cinnamon, Crème D'Argent, Flemish Giant, Hotot, English Lop, French Lop, New Zealand, Palimino, Satin, Sliver Fox, Giant Angora, and all other 6 class breeds)

- |                                 |                                 |
|---------------------------------|---------------------------------|
| - Sr. Buck over 8 months of age | D. Int. Doe 6-8 month of age    |
| - Sr. Doe over 8 months of age  | E. Jr. Buck 2 – 6 months of age |
| - Int. Buck 6 – 8 months of age | F. Jr. Doe 2 – 6 months of age  |

**All 4 Class** (Including following breeds: English Angora, French Angora, Florida White, Belgian Hare, Britannia Petite, Standard Chinchilla, Dutch, Dwarf Hotot, English Spot, Harlequin Havana, Himalayan, Lilac, Holland Lop, Mini Lop, Netherland Dwarf, Polish, Mini Rex, Rhinelander, Silver, Silvermarten, Tan, Satin Angora, Jersey Wooly, American Sable, Rex, American Fuzzy Lop, and all other 4 class breeds – small & fancy) May enter meat pen and fryer class with another breed or cross.

- A. Sr. Buck over 6 months of age
- B. Sr. Doe over 6 months of age
- C. Jr. Buck 2 -6 months of age
- D. Jr. Doe 2- 6 months of age

**Rabbit Showmanship** – Exhibitors must REGISTER during online Fair Entry process for showmanship classes. You are eligible to enter showmanship classes EVERY year of your 4-H career.

- Junior – 8 to 12 years of age
- Senior – 13 to 18 years of age

**Rabbit Animal Science (SF 50135) Exhibited with General Projects on Monday, 8/2**

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

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

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

**Exhibited with General Projects on Monday, 8/2**

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

**ROBOTICS - Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance. Projects are released on Sunday, August 8 from 12-2 pm.**

STATE FAIR SELECTION: Each county may submit 3 entries total 3 entries 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.

**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 exhibits meets the guidelines.**

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

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

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

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

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

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

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



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

**Robotics Ready4Life Challenge (SF 50293)- Open to 11- to 18-year-olds enrolled in any Robotics project**

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

**SHEEP**

**Thursday, August 5 – 8:00 a.m. (Sheep MUST be in livestock/sheep barn by NOON on Tuesday, August 3)**

Superintendent: John Coers, New Holland

Assistant Supt.: Jim Coers, New Holland, Steve Schreiner, Lincoln, Jared Coers

1. Exhibitors should follow all general Livestock rules found listed after 4-H Showbook Schedule.
2. All breeds will show in their respective classes regardless of number in the class.
3. A Grand Champion and Reserve will be named.
4. All entries in the breeding classes must be purebred. Registration papers will be called for during the Fair.
5. All lambs must be born after September 1, 2020. Lambs will be mouthed and must show no evidence of permanent teeth.
6. Breeding sheep (including ewe and ram lambs) must have been owned by June 25, 2021. Wethers must have been owned by May 15, 2021.
7. Health and registration papers will be checked on Tuesday, August 3 in the Show Pavilion from 2-3:30 p.m. All ear tags, tattoos, or horn markings must be visible for ring clerks to read. Health requirements can be found online here: <https://www2.illinois.gov/sites/agr/Animals/AnimalHealth/Pages/fair-exhibition-requirements.aspx>
8. Artificial coloring will not be allowed. Any animal being artificially colored will be disqualified.
9. Market wethers will be weighed on Tuesday, August 3 from 1:15 -1:30 p.m. in hog barn.
10. Pens will be assigned by Superintendent. No pens may be moved without approval.
11. **ANY SHEEP WITHOUT CORRECT REGISTRATION PAPERS WILL BE SHOWN IN COMMERCIAL CLASS!**

**Breeding Sheep**-Breeds of sheep to be shown are: Southdown/Dorper, Dorset/Oxford, Hampshire, Corriedale, Natural Color, Montadale, Tunis, All Other Breeds Wool, All Other Breeds Meat, Commercial Ewe Class.

**Ewe Lamb**

**Ram Lamb (except commercial class)**

**Pair of Lambs**

**Ewe one year and older**

**Market Wethers**-Market wethers will be weighed and broken into Light, Medium & Heavyweight classes by the superintendent.

**Market Wether**

**Pair of Market Wethers**

**Sheep Showmanship**-Exhibitors must REGISTER during online Fair Entry process for showmanship classes. If 4-H member wins Jr. Showmanship, they must move up a showmanship level and upon reaching Sr. Showmanship may stay in that class for remainder of 4-H exhibit years. You are eligible to enter showmanship classes EVERY year of your 4-H career.

- Junior-8 to 12 years of age
- Senior-13 to 18 years of age

**Sheep Animal Science (SF 50135) Exhibited with General Projects on Monday, 8/2**

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

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

**Exhibited with General Projects on Monday, 8/2**

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

**SHOOTING SPORTS - Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance. Projects are released on Sunday, August 8 from 12-2 pm.**

STATE FAIR SELECTION: Each county submit 2 entries total from 50401, 50402, 50403, 50404, 50405; and 1 from 50406.

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

NOTE: Shooting Sports Displays are prohibited from displaying the following:

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

**Shooting Sports: Archery Display (SF 50380)**

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

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

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

**Shooting Sports: Shotgun Display (SF 50382)**

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

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

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

**Shooting Sports: Pistol Display (SF 50384)**

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

**Shooting Sports Ready4Life Challenge (SF 50385) - Open to 11- to 18-year-olds enrolled in Shooting Sports projects.**

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

**SMALL ENGINES - Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance.**

**Projects are released on Sunday, August 8 from 12-2 pm.**

STATE FAIR SELECTION: Each county may submit 1 entry total for 50294; and 1 entry for 50297.

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

**Small Engines 1-3 (SF 50294)**

Exhibit a display, selecting one of the following items:

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

**Small Engines Ready4Life Challenge (SF 50297) - Open to 11- to 18-year-olds enrolled in any Small Engines project,**

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

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

**SMALL PETS - Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance. Projects are released on Sunday, August 8 from 12-2 pm.**

**For youth enrolled in Small Pets or Guinea Pigs**

**Small Pets-Guinea Pig Show-Saturday, July 31 – at conclusion of cat show which begins at 9 am- (Special Events Building/Yellow Door)**

Exhibit **ONE** guinea pig that you have owned and cared for as part of your Small Pets-Guinea Pig project.

- Guinea Pig should be healthy the day of the show.
- 4-H'ers must be able to control their guinea pig at all times.

**Animal Science Guinea Pig Display (SF 50135)**

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

**Animal Science Small Pets / Guinea Pig Ready4Life Challenge (SF 50137)- Open to 11- to 18-year-olds enrolled in any Small Pets project.**

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

## **SWINE**

**Wednesday, August 4 – 9:00 a.m. (Swine MUST be in livestock/swine barns by NOON on Tuesday, August 3)**

Superintendent: Jim Bobell, Elkhart

Assistant Superintendents: Michael Coers, Hartsburg; Brett Davison, Beason; Blane Olson, Lincoln; Sandy Bobell, Lincoln; Eric Eimer, Lincoln

1. Read General Rules and Regulations for 4-H livestock found listed after 4-H Showbook Schedule.
2. All animals exhibited in the 4-H breeding hog classes will be purebred &/or crossbred, and must have been farrowed on or after January 1, 2021 for breeding swine and for barrows
3. Swine must have been owned by June 1, 2021
4. All breeds will show in their respective classes regardless of the number in the class.
5. Health and Registration papers will be checked on Tuesday, August 3 from 2-3:30 p.m. in the Show Pavilion. Registration papers required on all purebreds. Health Requirements can be found online here:  
<https://www2.illinois.gov/sites/agr/Animals/AnimalHealth/Pages/fair-exhibition-requirements.aspx>
6. Commercial selection classes will be allowed to drive for Champion Commercial Gilt.
7. The commercial gilt selection class entries are subject to all health rules.
8. Ear notch sheets are due in the Extension Office by June 25. If the sheets are not received by June 25, the exhibitor will not be eligible to show. **All swine to be exhibited at the 4-H Swine Show will need to be listed on the ear notch sheet regardless of breeding or market classification.** The Ear Notch Sheet can be found online at:  
<https://go.illinois.edu/loganearnotchsheet> \_ Fresh ear notches will be disqualified. County Fair Veterinarian and the Swine Superintendent will make final decision.
9. **Commercial gilts will be placed in classes and will be shown by weight.** The maximum weight limit on commercial gilts is **385 pounds.** Any gilt that weighs out of this limit will show in a super heavy market hog class with any super heavy barrows.
10. All **barrows** will be **weighed** Tuesday, August 3 **between 1:30 and 3:00 p.m.** Purebred barrows will be divided into weight classes by superintendent and weighmaster after "weigh-in" is completed. All barrows weighing **over 300 lbs.** will be placed in the Super Heavy barrow class with any crossbred gilt that weighs over 385 lbs.
11. Reweigh procedures are as follows:
  1. The request to reweigh must be made immediately as the animal leaves the scale.
  2. Barrow must not leave the scale area.
  3. Barrow must reweigh within 15 minutes of original weigh time.
  4. The second weight will be official weight.

12. Grand Champion will be chosen from breed winners and Champion Crossbred. Reserve Grand Champion will be selected from remaining class with the reserve in class to the Grand Champion brought in.

13. **ANY ANIMALS WITHOUT CORRECT REGISTRATION PAPERS WILL BE SHOWN IN CROSSBRED CLASS!**

**FARROWING DATES:** #1 Gilt: January 1-20, 2021  
#2 Gilt: January 21 – February 10, 2021  
#3 Gilt: February 11, 2021 & after

**Breeding Gilts**– Breeds of gilts to be shown are Spot, Yorkshire, Chester White, Hampshire, Duroc, Berkshire, All Other Breeds, and Commercial Selection.

**Market Barrows**–Breeds to be shown are Spot, Yorkshire, Chester White, Hampshire, Duroc, Berkshire, All Other Breeds, and Grade or Crossbred

**Super Heavy**-any barrow weighing over 300 pounds and any Commercial gilt weighing over 385 pounds

**Swine Showmanship**-Exhibitors must REGISTER during online Fair Entry process for showmanship classes. If 4-H member wins Jr. Showmanship, they must move up a showmanship level and upon reaching Sr. Showmanship may stay in that class for remainder of 4-H exhibit years. You are eligible to enter showmanship classes EVERY year of your 4-H career.

- Junior-8 to 12 years of age
- Senior-13 to 18 years of age

**Swine Animal Science (SF 50135) Exhibited with General Projects on Monday, 8/2**

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

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

**Exhibited with General Projects on Monday, 8/2**

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

**TECHNOLOGIES - Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance.**

**Projects are released on Sunday, August 8 from 12-2 pm.**

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

**FOR ALL 3-D PRINTING & DESIGN CLASSES:** 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 Design Beginner** (not eligible for State Fair)

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

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

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

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

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

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

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

### **3-D Printing & Design Ready4Life Challenge** (not eligible State Fair)- **Open to 11- to 18-year-olds enrolled in any 3-D project**

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

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

Choose one of the following classes based on your interest and skill level. STATE FAIR SELECTION: Each county may submit 2 entries from each class (50375 and 50376).

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.

### **THEATRE ARTS - Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance.**

#### **Projects are released on Sunday, August 8 from 12-2 pm.**

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

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

Exhibit one of the following items:

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

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

Exhibit one of the following items:

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

#### **Theatre Arts Innovation Class** (SF 50302) - **Open to youth enrolled in Theatre Arts.**

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

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

**Theatre Arts Ready4Life Challenge (SF 50304) - Open to 11- to 18-year-olds enrolled in any Theatre project**

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

**TRACTOR - Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance. Projects are released on Sunday, August 8 from 12-2 pm.**

STATE FAIR SELECTION: Each county may submit 2 entries total for 50306, 50307, 50308, 50309, 50310 and 1 entry for 50312.

**Tractor A (SF 50306)**

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

**Tractor B (SF 50307)**

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

**Tractor C (SF 50308)**

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

**Tractor D (SF 50309)**

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

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

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

**Tractor Ready4Life Challenge (SF 50312) - Open to 11- to 18-year-olds enrolled in any Tractor project**

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

**VETERINARY SCIENCE - Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance. Projects are released on Sunday, August 8 from 12-2 pm.**

STATE FAIR SELECTION: Each county may submit 1 entry total from 50320, and 1 entry from 50322.

**Veterinary Science (SF 50320) - Open to youth in Vet Science 1, Vet Science 2, Vet Science 3**

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

**Veterinary Science Ready4Life Challenge (SF 50322)- Open to 11- to 18-year-olds enrolled in any Veterinary Science project**

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

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

**VIDEO/FILMMAKING - Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance. Projects are released on Sunday, August 8 from 12-2 pm.**

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

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

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

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

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

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

**Animated Video (SF 50325)**

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

**Documentary (SF 50326)**

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

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

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

**Video/Filmmaking Innovation Class (SF 50328) - Open to youth enrolled in Video/Filmmaking**

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

**Video/Film Ready4Life Challenge (SF 50330) - Open to 11- to 18-year-olds enrolled in any Video/Film project.**

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

**VISUAL ARTS - Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance. Projects are released on Sunday, August 8 from 12-2 pm.**

(1 State Fair entry in each class of the following classes: Paper, Fiber, Fiber Arts Non-Original for 8-10-year-olds, Clay, Wood, Glass/Plastic, Leather, Metal, Nature, Computer-Generated Art, Three-Dimensional Design/Mixed Media, Heritage Arts, Food/Cake Decorating, and Chalk/Carbon/Pigment created on wood, metal, or textiles; 2 entries in Chalk/Carbon/Pigment created on canvas, paper, or glass; 2 entries in Scrapbooking. Each county may also submit one entry in the Visual Arts Ready4Life Challenge Class.) May exhibit maximum of SIX projects with no more than ONE per class. Judging will take place at assigned times.

**Exhibitors must be enrolled in the Visual Arts project category in which they are exhibiting (Visual Arts/Clay, Visual Arts/Wood, Visual Arts/Nature, etc).** 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

performed molds are not considered original and are not acceptable in any Visual Arts Class. Combining parts of different patterns (pictures, photographs, images from the internet or a magazine) with the member's own ideas can result in an original design, but simply changing the color, pattern and/or size of a pattern does NOT make the design original. This also applies for ideas found on a site such as Pinterest. If you see something on Pinterest that you like, use the concept and create something different using the concept; however if it MUST NOT look exactly like something the judge can search for and find on Pinterest. The exhibit must combine parts of different patterns and/or ideas with the concepts of the member, 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 quilts made from a pattern may enter it in Heritage Arts. Quilts exhibited in the Visual Arts – Heritage Arts area will be evaluated using a visual arts rubric which takes into account correct use of design elements; craftsmanship; and creativity. All work on the quilt MUST be completed by the 4-H member. You cannot exhibit a quilt that was quilted by someone else.

**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)

**ALL CHALK/CARBON/PIGMENT PICTURES/DRAWINGS ARE TO BE MATTED AND/OR FRAMED AND WIRED FOR HANGING.** Any original art work 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.) Water color, 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 art work 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 hand, 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 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, quilting, 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"x12", with a front and back cover. The album/notebook must have a minimum of 4 pages (front and back, 8 sides), exhibited in page protectors. "Embellishments" are defined as the decorations or special details and features that add to a page and make it more visually appealing. Embellishments may include, but are not limited to, ribbon, clips, special lettering, etc. Beginners must use a minimum of four embellishments and tell a story with pictures.

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

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

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

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

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

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

**Visual Arts Wood:** (SF 50349)

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

**Non-Original Visual Arts Exhibit Classes: (NOT STATE FAIR ELIGIBLE – except Fiber Non-Original SF0350 – one may be selected for State Fair from ages 8-10)** Includes kits, pre-printed designs, pre-molded pieces, etc.

\*Non-Original Paper

\*Non-Original Glass/Plastic (small LEGO)

\*Non-Original Fiber (\*\* SEE BELOW)  
\*Non-Original Clay (painted pre-formed  
Ceramics exhibit here)  
\*Non-Original Wood  
\*Non-Original Chalk/Carbon/Pigment

creation may be entered here)  
\*Non-Original Leather  
\*Non-Original Metal  
\*Non-Original Nature  
\*Non-Original Mixed Media-item using 2+ media

**\*\* Visual Arts Fiber Non-Original (State Fair Delegate to be selected from 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 Ready4Life Challenge:** (SF 50351)

**(Open to 11- to 18-year-olds enrolled in any Visual Arts project)** Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

**Visual Arts Food/Cake Decorating (ALL LEVELS) – Saturday, July 31-check at Logan Extension Office. Judging times will be assigned in advance. Projects will be moved to Logan County Fair Exhibit building (yellow doors) and released on Sunday, August 8, from 12-2 pm.**

**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 form.

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

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

**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 form.

**WEATHER - Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance. Projects are released on Sunday, August 8 from 12-2 pm.**

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

**Weather and Climate Science I** (SF 50392) / **Weather and Climate Science 2** (SF 50393) / **Weather and Climate Science 3** (SF 50394)

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

**Weather Ready4Life Challenge** (SF 50395)- **Open to 11- to 18-year-olds enrolled in any Weather and Climate project.**

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

**WELDING - Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance. Projects are released on Sunday, August 8 from 12-2 pm.**

STATE FAIR SELECTION: Each county may submit 2 entries total from 50353 and 1 entry from 50355.

**Welding** (SF 50353)

This exhibit class is open to members who are in the 7<sup>th</sup> grade and higher. Exhibit one Arc weldment/item demonstrating the skill level of the exhibitor. Members new to the project should consider selecting a weldment from the suggested [Weldment List](#) found on page 43 of *Arcs and Sparks* (4-H 573 – Shielded Metal Arc Welding). **This class is for industrial welding only.** (Members that wish

to use welding to create objects with an artistic appeal should consider enrolling in the 4-H Visual Arts project and consider entering those types of exhibits in the Visual Arts – Metal class.) Exhibits must be portable and cannot be exhibited on a trailer.

**Welding Ready4Life Challenge (SF 50355) - (Open to 11- to 18-year-olds enrolled in any Welding project)**

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

**WOODWORKING - Monday, August 2-at Special Events Building (brown doors). Judging times will be assigned in advance.**

**Projects are released on Sunday, August 8 from 12-2 pm.**

STATE FAIR SELECTION: Each county may submit 2 entries total from 50357, 50358, 50359, 50360 and 1 entry from 50362.

**Woodworking 1 (SF 50357)**

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

**Woodworking 2 (SF 50358)**

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

**Woodworking 3 (SF 50359)**

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

**Woodworking 4 (SF 50360)**

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

**Woodworking Ready4Life Challenge (SF 50362) - Open to 11- to 18-year-olds enrolled in any Woodworking project**

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



**Thank you!**

UNIVERSITY OF ILLINOIS  
EXTENSION  
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We appreciate all you do for our fairgrounds!

**Logan County Fair Association**



*Thank you  
Hollander's 4-H  
Club for setting  
up gates in the  
building!*