

JASPER COUNTY



Handbook

2020 - 2021

I ILLINOIS
Extension



Welcome to Jasper County 4-H

The Jasper County Youth Program provides youth programming for Jasper County Youth. The purpose of 4-H is to provide learning experiences and opportunities for boys and girls that will help them grow and develop to their fullest potential.

Specifically the Jasper County Extension Youth Program's objectives are to help young people to:

- Acquire skills and knowledge in subject matter areas
- Develop a positive self-image
- Learn to respect and get along with people
- Develop leadership skills and fulfill leadership roles
- Develop and practice responsible environmental skills
- Use accepted practices for mental, physical, emotional, and social health
- Explore and evaluate career and job opportunities
- Participate in community affairs
- Develop volunteers as individuals and leaders for 4-H and community

In an effort to help 4-H families understand how we all work together to accomplish these goals you will find below information about the staff and organizations that make the 4-H program in Jasper County work.

University of Illinois Extension – The U of I Extension is the overall governing body that provides the leadership and guidelines for the local youth programs.

County Director – Carl D. Baker, Unit 21 County Director, provides guidance for all fiscal matters in Unit 21 involving the county extension budget, county federation, and local clubs following the guidelines for fiscal responsibility from the U of I Extension.

Youth Educator – Dana Homann, Unit 21 Youth Educator provides leadership to the Extension Program Coordinators in Clay, Effingham, Fayette and Jasper Counties following the direction from the State Youth Educator Team and U of I Extension.

Extension Program Coordinator – Katie Turkal, Extension Program Coordinator provides the day-to-day guidance to local clubs to ensure they have the proper tools volunteers need to bring the various opportunities to the members. The programs and activities organized all work within the guidelines established from the Youth Educator Team and State 4-H Office.

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Jasper County Extension Volunteers

*To assist the county staff in providing the programs that are most beneficial to the county/community the following groups assist and provide information to the staff as well as assist in planning the various events and activities. **Interested in volunteering, call the Extension Office at 783-2521.***

Extension Council – The Extension Council for the Clay, Effingham, Fayette and Jasper Unit meet quarterly with the County Director, to review programs in all the counties and assist the County Director in determining programming needs within the unit and assist with managing the tax and state dollars for the unit.

Leaders – Jasper County Leaders provide hands on learning opportunities for club members and assist with club officers in running the monthly meetings and planning for club events and activities, working closely with the County Extension staff to see that the appropriate paperwork is completed.

Superintendents - The Jasper County Superintendents assist the county staff in executing the 4-H shows where members exhibit their projects and showcase their accomplishments at the Jasper County Fair.

Federation – The Jasper County 4-H Federation is a voluntary group of high school aged 4-H members who meet monthly and plan activities for the younger members as well as participate in various leadership activities and team building activities throughout the year.

Ambassadors – Jasper County 4-H Ambassadors are members 7th Grade – College age 4-H members who are willing to participate in local trainings to plan events for the younger members. Additional duties include making appearances in support and promotion of the Jasper County 4-H program.

Expansion & Review Committee - The Expansion & Review committee has representatives from the youth programs offered in the county representatives include youth and adults from the various youth programs as well as community leaders interested in youth programming.

4-H Foundation – The Jasper County 4-H Foundation is a not for profit organization, independent from the U of I Extension which serves as a fundraiser and manages donations in support of the Jasper County 4-H program. The Jasper County 4-H Foundation is a part of the Southeastern Illinois Community Foundation in Effingham.

Jasper County Farm Bureau 4-H Auction Committee – This committee is independent from the U of I Extension, sponsored by the Jasper County Farm Bureau to allow members an opportunity to showcase their livestock projects and offer community members an opportunity to purchase the members projects. Volunteers serving on the committee include, 4-H parents, superintendents, and Farm Bureau representative.

Jasper County 4-H Member Handbook

This Member Handbook highlights the following:

- Membership Information
- Projects available for exhibition at the county fair and state fair
- Requirements for the various projects
- Leader and Superintendent Contact Information
- Show Schedules
- Livestock Health Requirements
- Award Information

The 4-H program year begins on September 1 and concludes on August 31.

State 4-H Membership Policies

- Any youth, regardless of race, color, religion, gender, national origin, ancestry, marital status, familial status, sexual orientation, or disability, may enroll as a 4-H member.
- Youth who are 5 through 7 years of age on or before September 1 may enroll in 4-H Cloverbud groups.
- Youth who are 8 years of age and have not reached their 19th birthday on or before September 1, may enroll in 4-H clubs and groups or as an independent member.
- A youth who enrolls in a 4-H club or group must attend at least one meeting, tour, workshop or other activity of that club/group to be called a 4-H member. *(Jasper County requires members to attend 60% of the club and county meetings and/or activities after joining the club)*
- All 4-H members must be enrolled in at least one project
- Cloverbuds may be enrolled in Cloverbud projects only
- A member may add or delete project enrollments at any time during the 4-H year
- An annual \$20 4-H Program Fee is applied for members who join 4-H Clubs or 4-H groups. *Jasper County clubs handle the program fees within the clubs. Jasper County families pay \$20 per member and no more than \$50 per family.*

Membership Opportunities

4-H Clubs or Groups

Illinois 4-H offers a variety of membership opportunities for youth ages 8 – 18 through 4-H clubs or groups. Young people can choose the club or group that best meets their needs, interests, and skill levels. 4-H clubs and groups can meet in a community, school, after school, or military setting. There are different types of 4-H clubs and groups that youth can join.

Community Clubs

If you want to meet new people, make life-long friends, and enjoy a variety of educational and social events and activities, join a 4-H club.

Through club work, 4-H members plan programs, hold club leadership positions, and explore a variety of projects. 4-H clubs have five or more members and meet at least six times throughout the year. 4-H clubs are organized in a community – that includes a town, a suburban community, a city block, or housing complex. A typical club meeting includes a business meeting, social time, and educational programs or activities. Jasper County has 8 Community Clubs

School Clubs

4-H clubs can also meet in a school setting. Similar to community clubs, school clubs have five or more youth who participate in an on-going educational program for at least six sessions or meetings. Youth participation in school clubs is voluntary. Just like other school clubs or groups, meetings are held during lunch, an activity period, or a special time designated by school administration.

Afterschool Clubs

4-H clubs can also meet after school in urban, suburban, and rural communities. Just like other 4-H clubs, the members explore projects, practice leadership skills, and participate in county 4-H events and activities. Currently Jasper County does not have an after school club that meets 6 times throughout the year.

Military 4-H Clubs

4-H clubs can be found at or near all three active duty military installations.

Special Interest (SPIN) Clubs

A SPIN club is a club where everyone is learning about one project area instead of a Community Club where members explore several different project areas. SPIN clubs allow five or more members to focus on a topic that interests them for example, shooting sports, sailing, robotics, or fashion design. Or members can start their own SPIN club building on your interests. Currently there is 1 SPIN club in the county.

A note about Shooting Sports clubs: because Shooting Sports coordinators and instructors must complete training to be certified, not all counties are yet able to offer Shooting Sports clubs for rifle, shotgun and archery. You must belong to a Shooting Sports club or a county wide Shooting Sports program to enroll in a Shooting Sports project. Jasper County Extension currently offers shooting sports in rifle, shotgun and archery. Anyone wishing to be trained should contact the Jasper County Extension.

4-H Groups

4-H groups involve 5 or more youth in 6 or more learning experiences. Members of 4-H groups can and are encouraged to participate in all 4-H activities in the county and state. 4-H learning materials can be used by other youth organizations – after school programs, faith-based programs, Scouts, Boy's and Girl's Clubs, and others.

Independent Participation

Some youth are not able to participate in a 4-H club or group for various reasons. These youth can enroll in 4-H as an independent members. Independent members must have an adult mentor to guide project work and complete an enrollment form available through the local Extension office.

Cloverbud Groups

4-H Cloverbud groups are for youth ages 5-7. Cloverbuds participate in hands-on learning activities to explore art, plants, animals, sciences, and the environment. 4-H Cloverbud groups can be an independent group or a "project group" affiliated with a community club.

Jasper County Cloverbud members are eligible to exhibit a project associated with their individual or club project, if they choose. Following the guidelines below:

- Cloverbuds may show any project that pertains to the Cloverbud curriculum or anything that the club did throughout the year.
- Cloverbuds may show individually or as a group display
- Cloverbuds will receive a special Cloverbud Ribbon for exhibiting
- Cloverbud projects can be reviewed during the 4-H General Show at the Jasper County Fairgrounds. The reviewer will talk to the member(s) about their project and reward their work with a special Cloverbud ribbon. (This activity is optional for Cloverbuds)
- Cloverbuds are not eligible for awards or champion and reserve champion rewards
- Cloverbud members cannot participate in the 4-H Auction

2020-2021 4-H Clubs and Leaders

Club Name	Leader/Supt. Name	Address	Phone
ACES 4-H CLUB Club meetings held at the Hunt City Community Building	Nichole Hollis	P.O. Box 81, Wheeler	618-554-3758
BUCK GROVE KIDS Club Meetings held in members' homes south of Newton	Steffanie Stark	8227 E 300th Ave, Newton	618-562-2166
FOX'S SOUTHERN FARM KIDS Club meetings held at Amy Holder's house	Lori Rauch Amy Holder	5870 E 400 th Ave., Newton 4136 N. 1200th St., Newton	554-1884 217-273-8052
GRANDVILLE GANG Club Meetings at Hidalgo Community Building	Robin Deckard Kristin Radke	14956 N 1700th St, Newton 18984 N 1700th St, Hidalgo	217-493-2615 217-821-9949
HARMON 4-H Club Meetings held at Grove Township Building	Lee & Latisha Elliott	19273 N 400 th St., Montrose	217-821-3079 217-821-8760
HELPFUL LITTLE HANDS Club Meetings held at St. Mary's Church hall in Ste. Marie	Elanie Zwilling Nancy Ochs	2273 N 1800 th St., West Liberty 6929 N 1725 th St., West Liberty	618-843-0800 618-783-2669
Jasper Co. 4-H Shooting Sports Meeting locations TBD	Christopher Hankins (Shotgun & Pistol) Melissa Griffith- Olmstead (Archery)	801 N. Church St., Newton 19389 N 800th St, Jewett	618-553-3434 217-343-8091
REISNER SUNNY PIONEERS Club Meetings held in Newton	Shelah Bergbower	19624 E 1000 th Ave., Willow Hill	618-455-3240
THE FUTURES Club Meetings held at Latona Christian Church	RaeLee Zumbahlen Nikki Bierman	3046 E 1200th Ave, Wheeler 2454 E 1200th Ave, Wheeler	618-554-5095 217-821-7885
VANDERHOOF PRODUCERS Club Meetings held at the Farm Bureau	Sandra Bergbower	14500 E 1000 th St., Newton	618-783-4124
YOUNG ACHIEVERS Club Meetings at Wheeler Community Building	Chris Probst Dawn Meinhart Stacie Bierman	2765 E 1400th Ave, Wheeler 14288 N 550th St, Wheeler 14730 N Effingham St, Wheeler	217-821-4120 217-246-5743 217-273-0153



Date	Show/Event	Time	Location
Monday, April 5	Public Speaking Contest	7:00 p.m.	Extension Office
Saturday, June 5	Clean-up Day	8:00 a.m.	Fairgrounds
TBD	*Horse Show	TBD	Jasper Co. Fairgrounds
Wednesday, June 16	Deliver Barrows to Hartrich's	8:00 a.m.	Hartrich's Meats , Ste. Marie
Thursday, June 17	General Building Set-Up	4-6 p.m.	4-H Building
Friday, June 18	General Show Registration	4-6 p.m.	4-H Building
Saturday, June 19	Section 20 FFA Shows		4-H Show Ring
Saturday, June 19	Dog Show	9:00 a.m.	TBD
Saturday, June 19	Cat Show	1:00 p.m.	TBD
Saturday, June 19	Move In	After 4 p.m.	
Saturday, June 19	Records & Health Paper Check-in	3-6 p.m.	4-H Building
Sunday, June 20	Poultry Show	2:00 p.m.	4-H Show Ring
Sunday, June 20	Rabbit Show	5:00 p.m.	4-H Show Ring
Monday, June 21	Weigh-In	8:00 a.m.	Beef and Swine Barns
Monday, June 21	Sheep & Goat Shows	4:00 p.m.	4-H Show Ring
Tuesday, June 22	Swine Show	8:00 a.m.	4-H Show Ring
Tuesday, June 22	Beef Show	5:00 p.m.	4-H Show Ring
Wednesday, June 23	Open Shows		4-H Show Ring
Wednesday, June 23	4-H Showcase/ Grandparents Day	5:00 p.m.	4-H Building
Thursday, June 24	Master Showmanship	8:00 a.m.	4-H Show Ring
Thursday, June 24	Dairy Show	9:30 a.m.	4-H Show Ring
Thursday, June 24	Set Up Show Ring Auction	2:00 p.m.	4-H Show Ring
Thursday, June 24	Auction	5:00 p.m.	4-H Show Ring
Friday, June 25	Clean Up / Move Out		
Saturday, August 14	Illinois State Fair		Springfield, IL

University of Illinois Extension

CODE OF CONDUCT FOR 4-H EVENTS & ACTIVITIES

ALL participants in events and/or activities planned, conducted, and supervised by the University of Illinois Extension and 4-H, are responsible for their conduct to U of I Extension personnel and/or volunteers supervising the events. This responsibility is necessary for the health, safety, and welfare of the participants, and will be rigidly adhered to and uniformly enforced.

The following conduct is not allowed while participating in any 4-H event or activity and is subject to disciplinary action:

Category 1

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

Category 2

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

* *Prescription drugs must be listed on an Emergency Medical Information form.*

Consequences:

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

Category 1:

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

Category 2:

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

**JASPER COUNTY
SUGGESTED 4-H PREMIUM LIST**

Livestock	A	B	C
All Beef	7.00	6.00	5.00
All Dairy	7.00	6.00	5.00
All Horse/Pony	7.00	6.00	5.00
All Sheep/Goat	7.00	5.00	4.00
All Swine	7.00	5.00	4.00
All Poultry	5.00	3.00	2.00
All Dogs/Cats	5.00	3.00	2.00
All Rabbits	5.00	3.00	2.00

General Projects

Visual Arts, Intercultural, Career Exploration, Communications, Photography, Citizenship, Leadership Collections, Aerospace, Bicycle Computer, Electricity, Small Engines Tractor, Woodworking, Entomology, Forestry, Conservation, Geology, Horticulture, Home Furnishings, Child Care, Animal Science, Video	5.00	3.00	2.00
Crops & Soils	5.00	4.00	3.00
All Clothing	5.00	3.00	2.00
All Foods	5.00	3.00	2.00
Public Speaking/	10.00	5.00	4.00
Shooting Sports	5.00	3.00	2.00
Veterinary Science	5.00	3.00	2.00

The premiums listed are guidelines and indicate the least amount to be paid. *In the event additional funds are received from the Illinois Agriculture Premium Fund, premiums will be increased at the discretion of the Extension Staff to insure all available funds will be utilized and distributed to Jasper County 4-H members.*

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.

GRADING AND PREMIUMS

1. In each class, animals or products will be graded A, B, or C depending on quality as well as on the 4-H member's ability to supply the judge with adequate and precise information regarding their project. A = Excellent, B = Good, C = Fair.
2. Conference judging will be used in all Jasper County 4-H projects.
3. Classes in which projects may be considered for State Fair are indicated throughout the handbook.
4. Premiums will be awarded on the basis of the premium list. In the event additional funds are received from the Illinois Agriculture Premium Fund, premiums will be increased at the discretion of the Extension Staff to insure all available funds will be utilized and distributed to Jasper County 4-H members.

Best of Show Awards and ribbons will be awarded in the following areas: Photography, Visual Arts, Foods, Clothing, Conservation/Horticulture, Woodworking, Engineering. More plaques may be awarded if there are more who wish to donate. **Best of Show ribbons should be left on the project.**

CAREER EXPLORATION (AGES 8-10)

Each project allows members to explore various careers associated with the project. In an effort to encourage members to explore various careers throughout their 4-H career Jasper County will be offering the “Career Exploration” project for each project area.

Members enrolled in Foods 101 can bring their required exhibit for that class AND exhibit a career exploration project to be shown as another option, the same is true for each project area.

Members will complete a Career Exploration and bring the form when exhibiting their project. The judge for that project area will also judge the Career Exploration form and discuss various career possibilities associated with that specific project. Members with livestock projects will meet with the judge following the show to review and discuss the members’ career exploration project.

Premiums for the Career Exploration projects will be paid according to the suggested premium list in the 4-H handbook.

Career Exploration (8-10 year old) members will interview a person with the career of choice.

Forms are available on the 4-H website, from your local leader or at the Extension Office.

The suggested activities for the career exploration project have been adapted from the “Wild Over Work” 4-H curriculum.

READY4LIFE (AGES 11-18)

The Ready4Life classes are available to youth 11 years of age and older (4-H age) who are enrolled in any level of the project. There are no previous project requirements for this class. 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.

INNOVATION PROJECT (AGES 8-18)

The Innovation Project classes are available to youth 8 years of age and older (4-H age) who are enrolled in any level of the project. There are no previous project requirements for this class. 4-H members must demonstrate the skills and knowledge they have gained through the specific project. The exhibit may be the result of knowledge gained from project manuals, interaction with professionals, and/or individual exploration in the area of 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.



JASPER COUNTY 4-H SHOW RULES AND REGULATIONS

ENTRY REQUIREMENTS

- ❑ Members re-enrolling in Jasper County 4-H Clubs should be re-enrolled by **December 1**, **new members have until March 15 to enroll** to be eligible to participate in the 4-H exhibit opportunities offered in June. If a new youth joins 4-H after March 15, they may still be enrolled in Jasper County 4-H but will not be permitted to exhibit a project for the 2021 Fair. **Members are required to attend at least 2 club meetings and one club or county event/activity in order to advance to the State Fair for general projects and to sell an animal at the 4-H Auction. Federation meetings, and county activities and workshops can be included but members should make every effort to attend local club meetings.*
Meeting requirements may vary due to Covid
- ❑ All projects must be completed by the 4-H member during the current 4-H year. The 4-H year begins September 1 and ends August 31 of the following year.
- ❑ Jasper County 4-H class entries will be completed online by May 31. The order the entries are received will determine pen assignments.

Exhibitors must:

- ❑ Show their own projects
- ❑ Must be present for conference judging and 8 years old by September 1 of the previous year to be considered for State Fair. Exceptions will be made in the case of personal injury, illness, death in the immediate family, or participation in State 4-H events.
- ❑ Members may request an opportunity to participate in conference judging through face time on the phone or iPad. Members must complete a request form explaining why they will be unavailable to participate in the general show and submit the form to the Jasper County Extension office one month prior to the show. This will allow staff to make the appropriate arrangements for the judge to talk to the member. A specific time for the call will be set up when the request is submitted to the Extension Office. *Due to time constraints and the availability of the judges the member will be allowed to participate in the conference judging with no more than 2 projects. Extension Staff will make every effort to provide this opportunity for the members, but should technical issues arise and the conference judging cannot be completed, the member will not be considered for State Fair selection.*
- ❑ Exhibitors will be provided a 4-H membership card which will allow the 4-H member and one parent to enter the fairgrounds at no charge. Additional family members will follow the gate admission set by the Jasper County Fair Association. Members will receive these at the General Show or at the Food Stand.
- ❑ Each exhibitor will be limited to one entry in any class except where noted otherwise, but may enter in several classes.
- ❑ Livestock record books must be up-to-date and approved by the local leader, Extension staff or superintendent prior to the 4-H Show. The right to exhibit is dependent on the above.
- ❑ A Jasper County Project Form must accompany each **non-livestock** project. The project forms for non-livestock projects will be presented to the judge during conference judging, and the 4-H member keeps the form at the conclusion of the judging. The form is **not** to be left with the project.
- ❑ General show exhibits in the 4-H building will be released at the conclusion of the auction. Exhibits should be picked up from the building no later than 10 a.m. clean-up day.

STATE FAIR REQUIREMENTS

General Projects

1. Must be 8 years of age by September 1 of previous year to exhibit a project at the fair.
2. Each project receiving a State Fair Award will also receive a form indicating participation at the State Fair during the official awards presentation at the 4-H Showcase/Grandparents Day celebration.
3. Projects eligible for the State Fair are indicated throughout the handbook.
4. Due to limited space at the Illinois State Fair, the size and scope of projects exhibited at the Illinois State Fair may vary from the Jasper County space requirements, adjustments to projects can be made prior to the Illinois State Fair Exhibit Opportunity.
5. All State Fair exhibitors will have the opportunity to experience conference judging during the Illinois State Fair.
6. Exhibitors will be notified of current State Fair show options in the Jasper County 4-H Newsletter.
7. Exhibitors are required to attend at least 2 club meetings and one club or county event/activity in order to advance to the State Fair

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

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

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

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

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

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

If any of these guidelines presents a challenge for you, please contact us directly at 618-783-2521. We are happy to discuss what accommodations are possible so that we can look for ways that all youth can safely participate in this event.

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

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

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AEROSPACE

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

Model Rocketry (SF 50130)

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

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

Aerospace Display (SF 50131)

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

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

Aerospace Ready4Life Challenge (SF 50133)

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

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

BEEF

For project information for a live animal Beef project, go to the Livestock section, starting on page 66.

Beef Animal Science (SF 50135)

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

Animal Science Beef Ready4Life Challenge (SF 50137)

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

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

BICYCLE (not eligible for state fair)

Bicycle 1

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

Bicycle 2

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

Bicycle Ready4Life Challenge (not eligible for state fair)

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

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

CAT

For project information for a live animal Cat project, go to the Small Animal section, starting on page 66.

Cat Animal Science (SF 50135)

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

Animal Science Cat Ready4Life Challenge (SF 50137)

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

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

CHILD DEVELOPMENT

Each county may submit 3 entries from 50141.

Child Development (SF 50141)

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

Child Development Ready4Life Challenge (SF 50142)

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

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

CIVIC ENGAGEMENT

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

Civic Engagement 1 (SF 50145)

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

Civic Engagement 2 (SF 50146)

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

Civic Engagement 3 (SF 50147)

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

Civic Engagement Ready4Life Challenge (SF 50149)

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

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

Service Learning 1 (not eligible for state fair)

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

Service Learning 2 (not eligible for state fair)

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

Service Learning 3 (not eligible for state fair)

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

CLOTHING & TEXTILES

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

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

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

CLOTHING: STEAM

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

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

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

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

- What's the Difference - What's the Price Point – Exhibit may include a notebook, poster, small display sharing a project comparison and price point. See activity, pages 118-120. Exhibit should include PHOTOS; NO actual PILLOWS.

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

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

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

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

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

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

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

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

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

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

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

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

- Recycled Clothing – Create a garment from used textile-based items. The original used item must be redesigned (not just embellished or decorated) in some way to create a new wearable piece of clothing. The finished garment

must reflect at least one skill learned in this project and exhibitor should be able to identify the skill used. A before picture and a description of the redesign process must accompany the exhibit.

- Constructed garment – Any garment with facings or curves. Should use at least one skill learned in this project and exhibitor should be able to identify the skills used. Garment should be appropriate for the age and experience of the member.

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

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

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

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

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

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

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

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

CLOTHING: SHOPPING

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

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

Shopping in Style (SF 50154)

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

- Exhibit should consist of a garment that reflects your personal style along with a poster or report that 1) explains

how this garment reflects your style and how it influences what others think of you; **OR 2)** how your personal style either aligns or contradicts what is considered to be “in style” today. **OR**

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

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

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

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

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

Sewing & Textiles Ready4Life Challenge (SF 50157)

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

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

COLLEGE & CAREER READINESS

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

Build Your Future (SF 50365)

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

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

College & Career Ready4Life Challenge (SF 50366)

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

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

COMMUNICATIONS

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

Communications 1 (SF 50368)

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

Communications 2 (SF 50368)

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

Communications 3 (SF 50368)

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

Creative Writing (SF 50367)

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

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

Journalism (SF 50369)

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

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

Communications Ready4Life Challenge (SF 50370)

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

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

COMMUNICATIONS: PUBLIC PRESENTATIONS

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

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

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

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

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

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

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

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

- Prose and Short Stories
- Poetry

- **Broadcast Media Program**
- **Theatrical**
- **Combined Program: Combine any number of the above elements along with other creative presentation forms**

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

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

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

COMPUTER SCIENCE

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

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

Beginning Visual Programming (not eligible for state fair)

Open to youth in Computer Science Visual Based Programming

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

Intermediate Visual Programming (SF 50159)

Open to youth in Computer Science Visual Based Programming

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

Advance Visual Programming (SF 50160)

Open to youth in Computer Science Visual Based Programming

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

Website Design (SF 50161)

Open to youth in Computer Science Visual or Text Based Programming

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

Computer Open Source / Innovation CS (SF 50162)

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

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

Computer Science Ready4Life Challenge (SF 50164)

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

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

CONSUMER EDUCATION

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

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

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

My Financial Future 1 Beginner (SF 50168)

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

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

My Financial Future 2 Advanced (SF 50169)

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

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

Consumer Ed Ready4Life Challenge (SF 50167)

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

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

CROPS

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

Soybeans (SF 50170)

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

Corn (SF 50171)

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

Small Grains (SF 50172)

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

Crops Innovation Class (SF 50173)

Open to youth enrolled in any Crops project

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

Crops Ready4Life Challenge (SF 50175)

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

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

DAIRY CATTLE

For project information for a live animal Dairy project, go to the Livestock section, starting on page 66.

Dairy Cattle Animal Science (SF 50135)

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

Animal Science Dairy Cattle Ready4Life Challenge (SF 50137)

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

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

DOG

For project information for a live animal Dog project, go to the Small Animal section, starting on page 66.

Dog Obedience

- Beginner Novice I Class (For inexperienced handlers and inexperienced dogs)
- Beginner Novice II Class (For experienced handlers and inexperienced dogs OR experienced dogs and inexperienced handlers)
- Preferred Novice Class
- Novice Class
- Graduate Novice Class
- Preferred Open Class
- Open Class
- Graduate Open Class
- Preferred Utility Class
- Utility Class

Dog Showmanship

- Junior Showmanship (for handlers age 8 to 13 as of 9/1/21)
- Senior Showmanship (for handlers age 14 and older as of 9/1/21)

Rally Obedience

- Rally Novice Class
- Rally Intermediate Class
- Rally Advanced Class
- Rally Excellent Class

Dog Animal Science (SF 50135)

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

Animal Science Dog Ready4Life Challenge: (SF 50137)

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

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

DRONES: UNMANNED AERIAL VEHICLES/SYSTEMS

Each county may submit 2 entries from each class.

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

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

UAV Display (SF 50375)

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

UAV Unmanned Aerial Systems (SF 50376)

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

ELECTRICITY

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

Electricity 1 (SF 50177)

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

Electricity 2 (SF 50178)

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

Electricity 3 (SF 50179)

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

Electricity 4 (not eligible for state fair)

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

Electricity Ready4Life Challenge (SF 50181)

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

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

ENTOMOLOGY GENERAL

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

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

Entomology 1 (SF 50183)

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

Entomology 2 (SF 50184)

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

Entomology 3 (SF 50185)

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

Entomology Display (SF 50186)

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

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

Entomology Ready4Life Challenge (SF 50187)

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

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a

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

ENTOMOLOGY BEEKEEPING

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

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

Beekeeping 1 (SF 50188)

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

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

Beekeeping 2 (SF 50189)

Exhibit one (1) of the following:

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

Beekeeping 3 (SF 50190)

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

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

Entomology Beekeeping Ready4Life Challenge (SF 50191)

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

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

ESPORTS

Each county may submit 3 entries from 50430.

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

eSports (SF 50430)

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

EXPLORATORY (not eligible for state fair)

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

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

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

COLLECTIBLES (not eligible for state fair)

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

FAMILY HERITAGE

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

Family Heritage (SF 50197)

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

Family Heritage Ready4Life Challenge (SF 50199)

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

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

FOODS & NUTRITION

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

4-H Cooking 101 (SF 50200)

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

4-H Cooking 201 (SF 50201)

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

4-H Cooking 301 (SF 50202)

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

4-H Cooking 401 (SF 50203)

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

Food Science 1 (SF 50204)

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

Food Science 2 (SF 50204)

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

Food Science 3 (SF 50204)

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

Food Science 4 (SF 50204)

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

Sports Nutrition (SF 50206)

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

Examples for Activity 1

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

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

Food Preservation (SF 50208)

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

- **Canning** – The exhibit should include two different canned foods in appropriate jars for the products. Food may be fruit, vegetable, or tomato product (i.e. salsa, juice, etc.).
- **Freezing** – Prepare a nutrition display that illustrates a freezing principle. There is NOT a food exhibit option for this preservation method.
- **Drying** – Exhibit two (2) different dried foods packed in plastic food storage bags. Choose from fruit, vegetable, fruit leather or meat jerky.
- **Pickles and Relishes** – Exhibit two (2) pint jars of different recipes of pickles and/or relishes.

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

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

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

Examples:

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

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

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

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

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

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

Foods Innovation Class (SF 50211)

Open to youth enrolled in any Foods project.

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

Foods Nutrition Ready4Life Challenge (SF 50210)

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

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

FORESTRY

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

Forests of Fun 1 (SF 50212)

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

Forests of Fun 2 (SF 50213)

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

Forests of Fun 3 (SF 50214)

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

Forestry Ready4Life Challenge (SF 50216)

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

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

GEOLOGY

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

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

Pebble Pups 1 (SF 50218)

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

Pebble Pups 2 (SF 50219)

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

Rock Hounds 1 (SF 50220)

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

Rock Hounds 2 (SF 50221)

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

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

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

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

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

GOATS

For project information for a live animal Goat project, go to the Livestock section, starting on page 66.

Goat Animal Science (SF 50135)

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

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

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

HEALTH

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

Health 1 (SF 50226)

Select four First Aid Skills and complete the activities for that section. Bring the project book and be prepared to discuss the completed sections. Exhibit a family first aid kit and be prepared to explain what each item is used for.

Health 2 (SF 50227)

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

Health 3 (SF 50228)

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

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

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

Health Innovation Class (SF 50229)

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

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

Health Ready4Life Challenge (SF 50231)

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

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

HORSE

For project information for a live animal Horse project, go to the Livestock section, starting on page 66.

Horse Animal Science (SF 50135)

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

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

Animal Science Horse Ready4Life Challenge (SF 50137)

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

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

HORTICULTURE: FLORICULTURE

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

Floriculture A (SF 50192)

Exhibit one of the following options:

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

Floriculture B (SF 50193)

Exhibit one of the following options:

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

Floriculture C (SF 50194)

Exhibit one of the following options:

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

Floriculture D (SF 50195)

Exhibit one of the following options:

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

Floriculture Display (SF 50196)

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

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

Floriculture Ready4Life Challenge (SF 50198)

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

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

HORTICULTURE: VEGETABLE GARDENING

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

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

Herb Display (SF 50313)

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

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

Vegetable Display (SF 50314)

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

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

Vegetable Plate (SF 50315)

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

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

VEGETABLE PLATE/DISPLAY LIST

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

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

Vegetable Gardening Display (SF 50316)

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

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

Vegetable Gardening Ready4Life Challenge (SF 50318)

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

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

INTERCULTURAL

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

Passport to the World, Individual (SF 50233)

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

Diversity & Cultural Awareness (SF 50234)

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

Intercultural Ready4Life Challenge (SF 50236)

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

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

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

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

INTERIOR DESIGN

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

Design Decisions, Beginning (SF 50242)

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

Design Decisions, Intermediate (SF 50243)

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

Design Decisions, Advanced (SF 50244)

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

Interior Design Innovation Class (SF 50245)

Open to enrolled in Interior Design.

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

Interior Design Ready4Life Challenge (SF 50247)

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

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

LEADERSHIP

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

Leadership 1 (SF 50249)

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

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

Leadership 2 (SF 50250)

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

- **First Year** – One activity from each of the following sections: Understanding Self; Communication; and

Getting Along with Others, plus one activity of exhibitor's choice from the manual.

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

Leadership 3 (SF 50251)

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

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

Leadership Innovation Class (SF 50252)

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

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

Leadership Ready4Life Challenge (SF 50255)

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

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

Leadership Group Exhibit (SF 50254)

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

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

MAKER

Each county may submit 3 entries total from 50400.

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

- Exhibitors must complete the DIY Make & Build Curriculum, and answer all the questions at the end of each lesson. You must display (or upload if virtual) your answers to these questions, as well as your Maker Log from the DIY Make and Build curriculum.
- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two. Your device or object **cannot** be one of the included activities in the DIY Make and Build Curriculum.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogrammed to perform a different function other than what it was designed to do).
- Exhibits **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

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

NATURE: NATURAL RESOURCES AND OUTDOOR ADVENTURES

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

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

Natural Resources 1 (SF 50256)

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

Natural Resources 2 (SF 50257)

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

Natural Resources 3 (SF 50258)

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

Outdoor Adventure 1-3 (SF 50259)

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

Natural Resources Ready4Life Challenge (SF 50267)

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

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

NATURE: FISHING AND WILDLIFE

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

Sportsfishing 1 (SF 50260)

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

Sportsfishing 2 (SF 50261)

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

Sportsfishing 3 (SF 50262)

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

Wildlife 1 (SF 50266)

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

Wildlife 2 (SF 50263)

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

Wildlife 3 (SF 50265)

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

Fishing & Wildlife Ready4Life Challenge (SF 50291)

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

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

Exploring Your Environment 1 (not eligible for state fair)

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

Exploring Your Environment 2 (not eligible for state fair)

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

PHOTOGRAPHY

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

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

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

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

Additional details required for Photo Editing ONLY:

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

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

The exhibition size requirements for all photographs will be:

Minimum image size: 5" x 7"

Maximum image size: 8" x 10"

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

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

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

Photography 1 (SF 50268)

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

Photography 2 (SF 50269)

Exhibit one of the options listed below:

- Exhibit one framed 8" x 10" close-up photograph using the skills learned on page 62-63 (section: Bits and Pieces) of the project manual titled *Controlling the Image*. No photo editing is allowed in this class except cropping and red eye removal; **OR**
- Exhibit one framed 8" x 10" photo which demonstrate your understanding of a technique you learned from your Photography 2 project manual. No photo editing is allowed in this class except cropping and red eye removal. Be prepared to show the page in the manual of the technique you are demonstrating.

Photography 3 (SF 50270)

Exhibit one of the options listed below:

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

Photo Editing (SF 50271)

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

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

Photography Innovation Class: (SF 50272)

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

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

Photography Ready4Life Challenge (SF 50274)

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

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

PLANTS & SOILS

Plants & Soils 1 (not eligible for state fair)

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

Plants & Soils 2 (not eligible for state fair)

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

Plants & Soils 3 (not eligible for state fair)

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

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

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

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

POULTRY

For project information for a live animal Poultry project, go to the Livestock section, starting on page 66.

Poultry Animal Science (SF 50135)

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

Animal Science Poultry Ready4Life Challenge (SF 50137)

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

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

RABBITS

For project information for a live animal Rabbit project, go to the Livestock section, starting on page 66.

Rabbit Animal Science (SF 50135)

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

Animal Science Rabbits Ready4Life Challenge (SF 50137)

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

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

ROBOTICS

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

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

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

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

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

Robotics 1: Intermediate: (SF 50285)

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

Robotics 2: (SF 50286)

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

Robotics Innovation Open Source Class (SF 50292)

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

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

Junk Drawer Robotics

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

Junk Drawer Robotics 1 (not eligible for state fair)

Exhibit any item from the “To Make” activity from the Junk Drawer Robotics Level 1 Book. Be sure all robotics

notebook sections within the module being exhibited are filled in.

Junk Drawer Robotics 2 (SF 50288)

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

Junk Drawer Robotics 3 (SF 50289)

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

Robotics Ready4Life Challenge (SF 50293)

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

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

SHEEP

For project information for a live animal Sheep project, go to the Livestock section, starting on page 66.

Sheep Animal Science (SF 50135)

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

Animal Science Sheep Ready4Life Challenge (SF 50137)

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

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

SHOOTING SPORTS

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

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

NOTE: Shooting Sports Displays have the following prohibitions:

- No live ammunition.
- No knives or arrow tips (including field points, hunting broadheads, etc.).
- No functional or non-functional bows, firearms or firearm parts that could be reassembled are allowed.
- No humanoid shaped targets or reference to paintball, laser tag, air-soft, or pointing of any type of firearm or bow toward another person is allowed.
- No display involving primarily tactical design firearms (i.e. AR platform or military type firearms).

- No reference or use of the word “weapon” should be used in a display.
- Make sure there are no safety violations in your display. (Example: no earplugs or safety glasses in a picture of a person shooting a firearm.).

Shooting Sports: Archery Display (SF 50380)

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

Shooting Sports: Rifle Display (SF 50381)

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

Shooting Sports: Shotgun Display (SF 50382)

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

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

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

Shooting Sports: Pistol Display (SF 50384)

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

Shooting Sports Ready4Life Challenge (SF 50385)

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

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

SMALL ENGINES

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

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

Small Engines 1-3 (SF 50294)

Exhibit a display, selecting one of the following items:

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

Small Engines Ready4Life Challenge (SF 50297)

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

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

SMALL PETS

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

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

For Live Animal projects:

1. All exhibits in this division must comply with health regulations.
2. Exhibitors may enter no more than once in a class.
3. Exhibitor must furnish coop or cage for exhibit.

Cage Birds - Exhibit bird and equipment and/or poster explaining project.

Cavies - Exhibit animal.

Tropical Fish - Exhibit live fish and/or picture showing aquarium or poster explaining project.

Animal Science Small Pets (SF 50135)

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

Animal Science Guinea Pigs Display (SF 50135)

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

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

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

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

SWINE

For project information for a live animal Swine project, go to the Livestock section, starting on page 82.

Swine Animal Science (SF 50135)

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

Animal Science Swine Ready4Life Challenge (SF 50137)

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

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

TECHNOLOGIES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

THEATRE ARTS

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

Theatre Arts 1 (SF 50299)

Exhibit one of the following items:

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

Theatre Arts 3 (SF 50301)

Exhibit one of the following items:

- Portfolio of activities for set design; make-up; or sound, props, or costuming completed during the current year; **OR**
- Display that includes sound, props and costume charts appropriate for a selected scene from a story or play (limited to no more than 8 items); **OR**

- Display a scenic design model to depict a scene from a script; **OR**
- Display illustrating a character with make-up drawn or colored in. Include a photograph of a person wearing the make-up and information on the character's personality or part in the play.

Theatre Arts Innovation Class (SF 50302)

Open to youth enrolled in Theatre Arts.

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

Theatre Arts Ready4Life Challenge (SF 50304)

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

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

TRACTOR

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

Tractor A (SF 50306)

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

Tractor B (SF 50307)

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

Tractor C (SF 50308)

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

Tractor D (SF 50309)

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

Tractor Innovation Class (SF 50310)

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

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

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

Tractor Ready4Life Challenge (SF 50312)

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

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

VETERINARY SCIENCE

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

Veterinary Science 1 (SF 50320)

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

Veterinary Science 2 (SF 50320)

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

Veterinary Science 3 (SF 50320)

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

Veterinary Science Ready4Life Challenge (SF 50322)

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

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

VIDEO/FILMMAKING

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

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

Requirements that apply to ALL video classes:

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

Commercial or Promotional Video (SF 50324)

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

Animated Video (SF 50325)

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

Documentary (SF 50326)

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

Short Story or Short Narrative (SF 50327)

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

Video/Filmmaking Innovation Class (SF 50328)

Open to youth enrolled in Video/Filmmaking

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

Video/Film Ready4Life Challenge (SF 50330)

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

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

VISUAL ARTS

Each county may submit one entry from these projects:

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

Each county may submit two entries from:

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

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

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

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

Visual Arts Food/Cake Decorating Beginning (SF 50332)

Exhibit one of the following:

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

Visual Arts Food/Cake Decorating Intermediate (SF 50333)

Exhibit one of the following:

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

Visual Arts Food/Cake Decorating Advanced (SF 50334)

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

Visual Arts Food/Cake Decorating Master (SF 50335)

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

Visual Arts Chalk/Carbon/Pigment

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

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

Any original artwork done with pencils, chalk, pens, ink, paint, charcoal, dyes, etc. on canvas, paper, or glass. This would include all painting, sketching, drawing, cartooning, original non-computer generated graphics, printing, etc. Painted and/or glazed pre-formed ceramics and painted porcelain dolls are not eligible for State Fair exhibit.

Drawings and paintings should be matted or framed under glass. (Exceptions: Oil and acrylic paintings do not require glass and are not required to be matted.) Watercolor, chalk, pen & ink, computer-generated art, etc. do require some protective covering. Gallery frames are acceptable. Canvas paintings that continue “over the edges” are acceptable without frames; however, the piece must still be prepared for hanging. Matted pieces without frames are acceptable, however the piece must be prepared for hanging OR it must include a photo of the artwork being displayed in a non-hanging manner. There is no specific requirement for the type of mat used.

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

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

Visual Arts Clay (SF 50337)

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

Visual Arts Computer-Generated Art (SF 50338)

Any original art created in any software package. Exhibit may not include scanned work, clip art, downloaded images from the internet, any imported image, or photographs. All pixels must be original. Photo mosaics are NOT allowed. Exhibitors in this class (like all other classes in this sub-section) must be enrolled in Visual Arts; Computer project enrollment is not required. **NOTE:** Wood and metal exhibits created through the use of laser cutting programs/devices should be entered in this class. Plastic exhibits with an artistic focus created using a 3-D printer should be entered in this class. If the art created is designed to hang, then the entry should have some protective covering, such as a glass frame, and prepared for hanging. If the art is something that has been created with a laser cutting program/device and is NOT designed to hang, it does not require protective covering nor does it need to be prepared to hang.

Visual Arts Fiber (SF 50339)

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

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

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

Visual Arts Glass/Plastic (SF 50340)

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

Visual Arts Heritage Arts (SF 50341)

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

Visual Arts Leather (SF 50321)

Exhibit one of the following options using leather:

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

Visual Arts Metal (SF 50342)

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

Visual Arts Nature (SF 50343)

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

Visual Arts Paper (SF 50344)

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

Visual Arts Scrapbooking, Beginning (SF 50345)

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

Visual Arts Scrapbooking, Intermediate (SF 50346)

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

Visual Arts Scrapbooking, Advanced (SF 50347)

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

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

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

Visual Arts Wood (SF 50349)

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

Visual Arts Ready4Life Challenge (SF 50351)**Open to 11- to 18-year-olds enrolled in any Visual Arts project.**

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

WEATHER

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

Weather and Climate Science 1 (SF 50392)

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

Weather and Climate Science 2 (SF 50393)

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

Weather and Climate Science 3 (SF 50394)

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

Weather Ready4Life Challenge (SF 50395)

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

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

WELDING

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

Welding (SF 50353)

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

Welding Ready4Life Challenge (SF 50355)

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

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

WOODWORKING

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.

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Jasper County 4-H
2017-2018
Superintendents

Beef Superintendent	Jay Tharp Brad Tarr	15570 E. 1600th Ave., Yale, IL 62481 5091 N 1300 th St., Newton, IL 62448	562-8170 783-2368
Sheep Superintendent	Thad Goebel	2846 E 2000th Ave, Montrose, IL 62445	343-8927
Goat Superintendent	Thad Goebel	2846 E 2000th Ave, Montrose, IL 62445	343-8927
Swine Superintendent	Mark Phillips Steve Meinhart Randy Probst Jeremy Pitcher	13160 E 400th Ave., Newton, IL 62448 14288 N 550 th St., Wheeler, 62479 1977 E 1500 th Ave., Wheeler, 62479	562-3436 683-2313 925-5120
Horse Superintendent	Caelin Dhom	3842 E 900 th Ave., Newton, IL 62448	554-1822
Rabbit Superintendent	Rick Nethery	20614 E 1600 th Ave., Willow Hill, 62480	793-2568
Poultry Superintendent	Travis Hall	401 S Cloverdale, Newton, IL 62448	553-7547
Dairy Superintendent	Toby Probst	2817 E 1600 th Ave., Wheeler, 62479	925-5459

JASPER COUNTY LIVESTOCK OWNERSHIP DATES

- Beef/Dairy April 30, current year
- Beef/Dairy Feeder Calves April 30, current year
- Horse April 30, current year
- Dog April 30, current year
- Cat April 30, Current year
- Small Pets April 30, current year
- Rabbits/Poultry April 30, current year
- Swine April 30, current year
- Sheep April 30, current year
- Goat April 30, current year

****In order to exhibit at the Illinois State Fair, exhibitors must follow state ownership guidelines. Guidelines are found on pages 58-60.****

STATE FAIR REQUIREMENTS LIVESTOCK

- 1. Must be 8 years of age by September 1 of previous year to exhibit a project at the fair.**
- 2. Beef, Dairy, Dairy Goats, Sheep, Swine, Rabbits, Horse & Pony, and Dogs are not shown the same day as the other county projects. Any 4-H member meeting the State Fair requirements in the above projects listed in the Illinois State Fair Junior Department Premium Book can exhibit their animal at the State Fair. Registration for these State Fair Projects is due July 1. Illinois State Fair information can be accessed at the following website or by contacting the Extension office.**

<https://www2.illinois.gov/statefair/competitions/premium-books/Documents/livestock.pdf>

3. QUALITY ASSURANCE & ETHICS (QA&E):

The Quality Assurance and Ethics training is required for all youth that enroll in horses, rabbits, poultry, dogs, and cats. Members must take the training whether they own a live animal or not. It is advised that they complete this one time as soon as they are enrolled in the project area. Counties will monitor completion of this. Failure to complete QA&E will result in the member's animal science project enrollment being cancelled and they will be ineligible to exhibit at county fairs. The website is open year round @ <http://web.extension.illinois.edu/qaec/>

NOTE: Youth must be logged on to a computer for this program, either a desktop or laptop; not an iPad or iPhone. The program cannot capture the information for county staff to see when it is completed using iPads or iPhones.

4. YOUTH FOR THE QUALITY CARE OF ANIMALS (YQCA)

The YQCA is a new livestock quality assurance program that is replacing PQA which no longer exists. It also replaces the Quality Assurance & Ethics (QAEC) program for youth in the following species; dairy cattle, beef cattle, swine, sheep, and goats. All 4-H exhibitors of these animals will be required to certify in the YQCA program yearly starting for the 2020 show season. Youth must either attend a face to face class or certify on-line via the website <http://yqca.org> The YQCA program is for youth ages 8-21. The online version is broken into age divisions as follows: juniors 8-11, intermediate 12-14, senior 15-18, and young adults 19-21. This certification is annual with test out options of 1-3 years. Youth exhibiting swine at the Illinois State Fair and 4-H fairs are no longer required to be PQA plus certified. The estimated cost for the face to face training will be \$3 and \$12 for the online version.



COLLEGE OF AGRICULTURAL, CONSUMER & ENVIRONMENTAL SCIENCES

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2021 – Livestock Birth, Ownership and Tattoo Dates for Illinois State Fair Junior Show

For complete Rules, Regulations, and nomination forms for Premiere Shows, please refer to the information from Dan Jennings.

STEERS:

- Calved on or after January 1, 2020
- Owned & personally cared for by exhibitor since – February 1, 2021
- Weighed, Tattooed & Tagged –
 - **On or between the last Saturday in January (January 30, 2021) and February 28, 2021.**
 - In addition to tattooing, steers that will be going to state fair are to be tagged with the electronic ID tags. Information forthcoming from Dan Jennings regarding obtaining the tags. Each tag should be recorded to the nomination sheet. All paperwork should be sent to Dan Jennings.

BARROWS: Regular Barrows

- **Farrowed on or after January 1, 2021** and must be the property of the exhibitor by June 1, 2021.
- No weighing and tattooing required but must submit ear notches when making entry for ISF

BARROWS: Premiere Barrows

- **Farrowed on or after February 10, 2021** and must have been the property of the exhibitor by June 1, 2021
- Weighed and Tattooed **with Box A tattoo** from February 10 to April 15, 2021
- Tattooed within 35 days of birth and not weigh more than 1.0 lbs/day of age
- Junior exhibitors can purchase pre-nominated barrows

SHEEP Market Wethers & Market Ewe Lambs: Live Show Wethers – No more Regional check-in sites – New nomination format

- **Lambled on or after January 1, 2021**
- Ownership Date – May 15, 2021
- **Self-nomination as follows: Nominations must be signed by local Extension Office.**
- **Exhibitors fill out and send in nomination form with photo of lamb's ear with scrapie tag installed in ear (close up photo of ear so scrapie tag can be read). This must be completed between March 15 and May 15, 2021. Send to Dan Jennings, Region 1 Office, 1100 E., Warrenville Rd., Suite 170, Naperville, IL 60563.**

Jr. and Open Premiere Wether & Ewe lambs: - Weigh-in, tattoo, and nomination procedures:

- Junior and open premiere lambs will be nominated, tattooed, and weighed at the county level.
- Premiere lambs must be weighed and tattooed with the Box A tattoo followed by a number starting with 1 - This must be witnessed by a local Extension employee or a person they

designate, such as a volunteer or local sheep superintendent.

- ☐ Completed nomination forms must be signed by the local Extension Office.
- ☐ Send nomination forms to Dan Jennings (address above).
- ☐ Ownership and nomination deadline is March 15 to May 15, 2021.
- ☐ Lambed on or after January 1, 2021

Meat Goat Wethers: Live Show Wethers – No more Regional check-in sites – New nomination format

- **Wethers – Born on or after October 1, 2020**
- Ownership dates for Kids & Yearlings not in milk – May 15, 2021
- Self-nomination as follows: Nominations must be signed by local Extension office.
- Exhibitors fill out and send in nomination form with photo of goat's ear with scrapie tag installed in ear (close up photo of ear so scrapie tag can be read). This must be completed between March 15 and May 15, 2021. Send to Dan Jennings, Region 1 Office, 1100 E. Warrenville Rd., Suite 170, Naperville IL 60563

2021 Breeding Animals

Birth & Ownership Dates for Illinois State Fair Junior Show

BEEF – HEIFERS AND COWS:

Heifers

- Age requirement is from September 1, 2019 to March 31, 2021 (*w/ addition of Senior Yearling class*)
- Owned and personally cared for by exhibitor since June 1, 2021

Performance Cows

- Cows must be born before September 1, 2019 (*Cow-Calf Class only*)
- Owned and personally cared by exhibitor since January 1, 2021

SWINE – GILTS:

- Age requirement is farrowed on or after January 1, 2021
- Owned by exhibitor since June 1, 2021

SHEEP – EWES & RAMS:

- Age requirement for yearling ewes is from January 1, 2020 to August 31, 2020
- Age requirement for ewe lambs is after September 1, 2020
- Age requirement for ram lambs is after January 1, 2021
- Owned and personally cared for by exhibitor since June 25, 2021

DAIRY – COWS AND HEIFERS:

- No age requirements
- Calves and Heifers – Owned since June 1, 2021
- Cows – Owned since January 1, 2021

HORSE & PONY:

- **On or before June 1** – Copies of the ownership and/or lease papers, State Fair Entries, and one set of photos sent to Stephanie Hardy at: Illinois State Fair Entry Department, P.O. Box 19427, Springfield IL, 62794-9427. PH: 217-782-0786

DOGS:

- Dogs must be owned or leased by June 1, 2021
- At this time, no paperwork is required to be on file. Make entries via 4-H online.

DAIRY GOATS:

- Kids and Yearlings not in milk must be owned by exhibitor only by June 1, 2021.
- Milking Does must be owned by exhibitor only by January 1, 2021.

MEAT GOATS

- All meat goats (wethers and all breeding animals) are to be owned by exhibitor only by May 15, 2021.

RABBITS, PYGMY GOATS & POULTRY:

- Animals in these species that are to be exhibited at the ISF Jr. Show must be owned by the exhibitor as indicated: Does -- By June 1 of the year exhibiting; All others -- Out of stock owned by the exhibitor prior to June 1.

Changes/Notices Regarding the 2021 Illinois State Fair Animal Exhibits

Note: This list is only a NOTICE of changes that have been made regarding various animal exhibits at the State Fair. Local Extension staff, Vocational Agriculture instructors, and exhibitors and their families should read *complete* rules and regulations included in the 2021 ISF Jr. Department Premium book once printed copies are received or the book is posted on the ISF website: <http://www.illinoisstatefair.info/>.

Quality Assurance & Ethics Certification is mandatory for all horse, rabbit, poultry, and companion animals. The website is now open. All county and state horse and dog exhibitors must complete QA&E Certification via this site one time during their showing career. Those that have completed it in the past do not have to complete it again.

The new YQCA program is mandatory for all dairy, beef, swine, sheep, and goat exhibitors in 4-H. Details on this program are available at your county Extension Office.

Horses – Ownership, Lease papers, photos, and Entries are to be sent in together directly to: **Stephanie Hardy at the Illinois State Fair by June 1** for verification of State Fair entries. If units wish to keep copies of this information for their own shows, they should make photocopies or require the exhibitors to submit two sets of forms.

All junior exhibitors will need to pay entry fees for any/all animals entered. Fees will be due with class entries – June 1 for Horses, July 1 for all other livestock. Fees will be updated in the State Fair Premium Book.

GENERAL LIVESTOCK REQUIREMENTS

1. All market heifers and steers, crossbred females, and dairy females, market hogs, crossbred gilts, market sheep, crossbred sheep and crossbred goats **must be tagged** in the exhibitor's name and recorded at the Extension Office by the date determined by the superintendents to be eligible to show. Animals do not have to be brought to the fairgrounds to be tagged. *(Detailed information follows)*
2. Members entering animals in the Beef Rate of Gain Contest are required to bring the animals to the designated location for weighing.
3. All animals, including dairy steers and feeder calves must be on the fairgrounds by 8:00 a.m. Monday morning prior to the 4-H shows. Exceptions are made for Dairy animals who will be staying for the open shows later in the week, those animals should be in place Wednesday prior to the show on Thursday.
4. Adult assistance in preparing livestock projects while on the fairgrounds should be limited to 4-H exhibitors and immediate family members (parents, brothers, and sisters) during exhibition prep time.
5. Exhibitors must show their own animals and projects. In case of personal illness or injury, death in the immediate family, conflict with an Illinois State 4-H event, or more than one entry per class, another 4-H member may show the animal.
6. **4-H exhibitors are not required to stay at the fair with their projects, but they must adequately care for their projects.**
7. Members staying overnight to care for animals are required to have advance permission from parents or guardians and will be under supervision of the adult (parent or leader) representing their respective clubs. **Only those club members having parents or leaders from their respective clubs will be granted permission to stay overnight.** Parental permission is required.
8. Members staying overnight must be on the fairgrounds by **11:00 p.m.** unless other arrangements have been made.
9. Additional classes may be added where the need for them is apparent to the superintendent.
10. To protest a weight, entry or rule violation the complaint must be put in writing and signed by the exhibitor filing the complaint and presented to the superintendents prior to the respective exhibition. The superintendents will take the matter to the regulations committee for consideration.
11. **Quality Assurance & Ethics (QA&E):** The Quality Assurance and Ethics training is required for all youth that enroll in horses, rabbits, poultry, dogs, and cats. Members must take the training whether they own a live animal or not. It is advised that they complete this one time as soon as they are enrolled in the project area. Counties will monitor completion of this. Failure to complete QA&E will result in the member's

animal science project enrollment being cancelled and they will be ineligible to exhibit at county fairs. The website is open year round @ <http://web.extension.illinois.edu/qaec/>

12. **Youth for the Quality Care of Animals (YQCA):** YQCA replaces the Quality Assurance & Ethics (QAEC) program for youth in the following species; **dairy cattle, beef cattle, swine, sheep, and goats.** All 4-H exhibitors of these animals will be required to certify in the YQCA program yearly starting for the 2020 show season. Youth must either attend a face to face class or certify on-line via the website <http://yqca.org>
13. Participation in showmanship events is limited to those individuals enrolled in that specific project area.
14. Livestock exhibitors are expected to remove manure and discard it in the available dumpsters. ***The aisles must be kept open at all times.***
15. Livestock must remain in place until released by the superintendents. Animals going home will be released the day of the auction, but must be out of the barns and pens cleaned by **3:00 p.m.** Exhibitors must have the stall or pens cleaned and receive permission to leave the grounds from the livestock superintendent. This rule will be strictly enforced.
16. All livestock must be housed in the assigned 4-H pens. Room for open show animals will be available only after all the 4-H animals have been assigned a pen.
17. Attire for exhibiting livestock should comply with suggested attire for the individual specie the member is showing. Livestock exhibitors should not wear attire in the show ring which promotes businesses, companies or farm names.
18. The regulations committee will consist of the livestock superintendents (beef, swine, sheep, goat, horse, poultry, rabbit, and small pets). The regulations committee will review all complaints and make the final decision based on the rules and regulations in the current fair book.
19. Exhibitors showing animals in the purebred classes must have registration papers or applications made on animals showing ownership in the member's name and dated before the latest starting date of project in order to show. **ABSOLUTELY, NO EXCEPTIONS.** Registration numbers must appear on entry forms when the animal is entered in the purebred classes.
20. All animals exhibited must have been owned and personally cared for by the 4-H exhibitor from the required project ownership date until time of exhibit.

Jasper County Livestock Tagging Procedure

1. **ALL** crossbred swine, beef, dairy, sheep, goats and market animals must be tagged by the designated date to show in the Jasper County 4-H shows. Crossbred animals tagged in a previous year with Jasper tags do not have to be re-tagged, but should be listed on the tagging form. Purebred livestock must be property of exhibitor by the latest ownership date.
2. Animals participating in the Beef Rate of Gain Contest and Sheep Rate of Gain Contest are required to be brought to the fairgrounds. (There will be **no** Swine Rate of Gain)
3. A total of 6 **beef** market animals may be tagged. Additional breeding stock can also be brought for show as long as the tagging and registration guidelines are followed with no limits to the numbers unless space becomes an issue.
4. A total of 6 market and crossbred **swine** animals may be tagged. A member may bring **up to 6 swine animals total to show** at the 4-H Swine Show. This does not include carcass swine animals.
5. Each member will be provided with the number of tags the member needs up to 6 tags, if tags break or come off contact the Jasper County Extension Office as soon as possible for replacements, and a superintendent will replace the missing tag.
6. Tags and tagging forms will be distributed at the weigh-in or tags and forms can be picked up at the Extension Office Monday-Friday during office hours.
7. Tags will be checked by the superintendents or Extension personnel. Families will be contacted at least 24 hours prior to the superintendents arriving to check the animals.
8. **Completed tagging forms should be returned to the Jasper County Extension Office by the date listed on the form.**
9. Beef and Dairy animals born after the tagging dates should contact the Extension Office for tags for these animals
10. Sheep and goats born after the tagging dates will not be required to have tags (except for Scrapie tags)
11. All-Flex tags will be used. It will be the responsibility of the 4-H family to get a tagger to tag the animals.
12. It will be the responsibility of the 4-H member to tag the animal and complete the tagging form. The member will sign the form verifying the tag numbers.
13. Those checking tags will be provided with plastic boots and every effort will be made to keep herd health risks to a minimum.
14. Families should be prepared to have the animals in a convenient location for checking. This can be a trailer, carrier, or separate pen.

4-H LIVESTOCK AUCTION

The 4-H Auction is sponsored by the Jasper County Farm Bureau 4-H Auction Committee. The committee is made up of ten members of 4-H families with a representative of the Jasper County Farm Bureau and Jasper County Extension. This committee will be responsible for any auction policy changes taking recommendations from 4-H members, superintendents, leaders and parents. Contact the Jasper County Extension for a current list of the auction committee.

As a 4-H livestock exhibitor, you are provided the opportunity to sell your animal in the County 4-H Livestock Auction. If you want to sell your animal, but continue to show it at other fairs, you must announce this before the sale of your animal.

We strongly encourage members to dress appropriately, which includes closed toed shoes, long pants and short or long sleeved shirts. Please refrain from wearing shorts, sandals and tank tops to the auction.

MEMBERS, PLEASE ARRIVE AT LEAST 1 HOUR PRIOR TO THE AUCTION AND BE AT YOUR PEN IN A TIMELY MANNER.

IMPORTANT: Only one project can be sold at the auction, such as one steer or one market hog, one market lamb, one feeder calf or one market pen of small animals.

1. A 4-H member must be present to exhibit their project during their respective show in order to earn the privilege to sell their project at the 4-H auction. The 4-H exhibitor must be present to sell his/her own project. Exceptions will be made in the case of personal illness or injury, death in the immediate family, or involvement in an Illinois State 4-H event.
2. Exhibitors will be charged a \$5 per animal fee for beef, dairy, and swine. Rabbits, poultry, sheep and goats will be charged \$5 fee per animal (or pen) to cover the cost of buyer pictures and newspaper advertisement. One dollar will be used to establish a fund to cover any expense which may incur in the unforeseen event of the death of the animal between the auction and arrival at the market.

An additional \$5 waste disposal fee will be charged to each exhibitor showing swine, beef, dairy, goat, and sheep. This fee is to be paid when registering for the auction. If members choose not to sell their animals they are still responsible for paying the \$5 fee at the conclusion of their respective shows.

3. Animals will be weighed only once. This weight will be the official weight. Personnel at the scale will have the right to refuse "dirty" livestock, until cleaned. All animals will be weighed at the scheduled time on the schedule and posted that afternoon or evening.

4. The order of the sale for beef and swine will rotate from top to bottom (first species to sell this year will be last to sell next year). The small animals beginning in 2010 will sell first each year with beef and swine being the only species to rotate. The 2021 order of sale will be: **small animals/lambs/goats/swine/beef & dairy feeder calf/beef & dairy steers.**
 - a. The champion will sell first, followed by the reserve champion.
Example Order of Sale:

<i>Champion Barrow</i>	<i>Champion Dairy Steer</i>
<i>Res. Champion Barrow</i>	<i>Res. Champion Dairy Steer</i>
<i>Champion Market Gilt</i>	<i>Champion Market Heifer</i>
<i>Res. Champion Market Gilt</i>	<i>Reserve Champion Market Heifer</i>
<i>Champion Steer</i>	<i>Champion Feeder Calf</i>
<i>Reserve Champion Steer</i>	<i>Reserve Champion Feeder Calf</i>
 - b. The rest of the animals will be sold in random order determined by drawing numbers after each show.
5. **Market beef** must weigh at least **850 lbs.** to sell and will only be paid for **1,400 lbs.** maximum. **Dairy Steers** must weigh at least 850 lbs. to sell and only be paid for **1600 lbs. maximum.** **Dairy Feeder Calves** born after January 1 of the current year will be paid for **550 lbs. maximum.**
6. **Market swine** will only be paid for 280 lbs. maximum.
7. Only market animals will be sold in the sale.
8. It is the obligation of the seller to deliver his or her market animal to the place specified by the owner. Swine will be shipped to the buyer with the highest bid for grade and yield or for processing. Checks for these animals will be mailed to members and buyers from the 4-H Auction Committee.
9. 4-H members must be ready at their pens at selling time in order to sell their animals.
10. Designation of sale animals must be done when auction numbers are drawn and fees are paid.

In keeping with the guidelines, standards, and objectives of 4-H, the Jasper County 4-H Farm Bureau Auction Committee does not condone self-serving practices nor the intimidation of prospective buyers with regard to the 4-H Auction.

Our County 4-H Auction is made possible through the support of businesses, organizations, and "Friends of 4-H". To insure their continued interest and support, 4-H members are encouraged to express their appreciation of buyers in the form of letters, cards, and/or newspaper advertisements.

PREMISES REGISTRATION NUMBER VOLUNTARY

Premises Registration is voluntary to exhibit livestock (beef, dairy, horses, swine, sheep, goats, poultry and rabbits) at the Illinois State Fair/county fair. **The exception; members showing a swine project at the Illinois State Fair will be required to have a premise ID #.**

Choosing to register your premises puts you on the frontline of controlling and preventing the spread of animal disease. A disease outbreak can't be predicted but it can impact every segment of animal agriculture. Participation ensures that you have the information you need, when you need it most, to protect your animals and your investment. Registering a premises involves obtaining a seven-character alpha-numeric "identifier" for the farm, ranch veterinary clinic or other site where livestock or fowl are handled, housed, managed or processed.

If an exhibitor wants to register their animals an application form can be found on-line at www.agr.state.il.us/premiseid. Exhibitors who register on-line will receive a premises registration number immediately. An application can also be obtained by calling 866/299-9256. If completing application and returning by mail, it may take up to 4 weeks to receive the number.

BEEF

Beef Guidelines

1. The market animals will be divided evenly into weight classes. The superintendents will determine the number of classes after weighing. 4-H'er may show 2 market animals regardless of weight.
2. All market animals will be mouthed by a veterinarian. No steer can be shown that has not been dehorned or if any of its milk teeth are replaced by permanent teeth.
3. The following procedure will be observed in showing beef: Champion classes will show together for Grand Champion. The losing Champion(s) and the Reserve Champion in the winning class then compete for Reserve Grand Champion, except where indicated.
4. All purebred heifers and cows must be registered, or application made on the animal in the name of the 4-H member, by the latest starting date of the project and the tattoo and registration numbers must agree in order to show.
5. All Feeder calves must be born after January 1 of current year.
6. **ONLY ONE MARKET ANIMAL MAY BE SOLD BY A MEMBER AT THE AUCTION.** However, a member may show in more than one weight class.
7. Possession deadline for beef animals will be no later than the tagging date, to include both market and breeding animals.
8. All grooming shoots are to be stored and used outside the 4-H beef barn; exceptions will be at the discretion of the superintendents.
9. All animals must be in place by 8:00 a.m. Monday prior to the show.

See General Livestock Requirements /Page 72-73

Ownership Dates/Page 67

Career Exploration (see page 11 for guidelines)

Ready4Life (see page 11 for guidelines)

Birthdates for Beef Classes

Jr. Bull Calf (born after January 1 of current year)

Jr. Heifer Calf (born after January 1 of current year)

Sr. Heifer Calf (born Sept. 1 – Dec. 31 of previous year)

Summer Yearling Heifer (born May 1 – August 31 of previous year)

Jr. Yearling Heifer (born Jan. 1- April 30 of previous year)

Sr. Yearling Heifer (born Sept. 1 – Dec. 31 of 2nd previous year)
Cow (born before Sept. 1 of 2nd previous year)
Beef Feeder Calf (born after January 1 of current year)
Champion and Reserve Beef Feeder Calf

Purebred Jr. Bull Calf

Crossbred Jr. Bull Calf

Grand Champion Jr. Bull (Award to Champion and Reserve)

Hereford Jr. Heifer Calf

Hereford Sr. Heifer Calf

Hereford Summer Yearling Heifer

Hereford Jr. Yearling Heifer

Hereford Sr. Yearling Heifer

Hereford Cow

Champion Hereford & Reserve

Angus Jr. Heifer Calf

Angus Sr. Heifer Calf

Angus Summer Yearling Heifer

Angus Jr. Yearling Heifer

Angus Sr. Yearling Heifer

Angus Cow

Champion Angus & Reserve

Simmental Jr. Heifer Calf

Simmental Sr. Heifer Calf

Simmental Summer Yearling Heifer

Simmental Jr. Yearling Heifer

Simmental Sr. Yearling Heifer

Simmental Cow

Champion Simmental & Reserve

All Other Breeds Jr. Heifer Calf

All Other Breeds Sr. Heifer Calf

Class

All Other Breeds Summer Yearling Heifer

All Other Breeds Jr. Yearling Heifer

All Other Breeds Sr. Yearling Heifer

All Other Breeds Cow

Champion and Reserve All Other Breeds

Crossbred Jr. Heifer Calf

Crossbred Sr. Heifer Calf

Crossbred Summer Yearling Heifer

Crossbred Jr. Yearling Heifer

Crossbred Sr. Yearling Heifer

Crossbred Cow

Champion and Reserve Crossbred

Grand Champion Female and Reserve

*Champion Crossbred and **ALL** Champion Purebred will show for Grand Champion*

Beef Steer (divided into weight classes)

Champion Steer

Market Heifer (divided into weight classes)

Champion Market Heifer

Beef Showmanship

Jr. Showmanship (8-11)

Intermediate Showmanship (12-15)

Sr. Showmanship (16-19)

CATS

1. A cat shown in the 4-H Cat project must be owned by and taken care of by the exhibitor.
2. All cats must be brought to the show in a cage or pet carrier.
3. Female cats in season cannot participate in the County 4-H Cat Show.
4. All cats **MUST BE VACCINATED AGAINST DISTEMPER AND RABIES**. Verification of this will be required at the 4-H Cat Show. Without verification, the cat will not be allowed to show.
5. Completed Quality Assurance and Ethics training.

ILLINOIS CATS shall be free from communicable diseases and kept under direct control during exhibition.

Career Exploration (see page 11 for guidelines)

Ready4Life (see page 11 for guidelines)

Cat Care

Award to Champion and Reserve

DAIRY DIVISION

1. All dairy animals must be registered or application made on the animal in the member's name and dated before latest starting date of project.
2. Holsteins will show in a separate class and all other breeds will show together.
3. The following procedure will be observed in showing dairy: Champion classes will show together for Grand Champion. The losing Champion(s) and the Reserve Champion in the winning class then compete for Reserve Grand Champion.
4. Dairy Steers, Feeder Calves and breeding animals not competing in the open show must be in place by 8:00 a.m. Monday prior to the 4-H shows. Breeding animals exhibiting in the open show must be in place Wednesday prior to the show Thursday.

See General Livestock Requirements /Page 72-73

Ownership Dates/Page 67

Career Exploration (see page 11 for guidelines)

Ready4Life (see page 11 for guidelines)

Feeder Calf (born after January 1 of current year)

All Breeds

Champion and Reserve Champion Awards

Jr. Bull (born after March 1 of current year)

All Breeds

Champion and Reserve Champion Awards

Spring Heifer Calf (born after March 1 of current year)

- Holstein

- All Other Breeds

Winter Heifer Calf (born after Dec. 1 of previous year)

- Holstein

- All Other Breeds

Fall Heifer Calf (born Sept. 1-Nov. 30 of previous year)

- Holstein

- All Other Breeds

Jr. Yearling Heifer (born Mar. 1-Aug. 31 of previous year)

- Holstein

- All Other Breeds

Intermediate Jr. Yearling Heifer (born Dec. 1 of 2nd previous year - Feb. 28 of previous year)

- Holstein
- All Other Breeds

Sr. Yearling Heifer (born Sept. 1 - Nov. 30 of 2nd previous year)

- Holstein
- All Other Breeds

Champion Jr. Female - Holstein (1st place in all Jr. Female Classes)

Champion Jr. Female - All Other Breeds (1st place in all Jr. Female classes)

Champion Jr. Dairy Female

Two-Three Year Old Cow (born Sept. 1 of 3rd previous year)

- Holstein
- All Other Breeds

Four-Year Old Cow and Over (born prior to Sept. 1 of 4th previous year)

- Holstein
- All Other Breeds

Champion Sr. Female – Holstein (1st place in Sr. Female Classes)

Champion Sr. Female – All other Breeds (1st place in all Sr. Female classes)

Champion Sr. Dairy Female

Dairy Steer (Divided into weight classes)

(Plaque to Champion Dairy Steer & Reserve)

Dairy Jr. Showmanship Market Animal (includes Feeder Calves, Jr. Bull, Dairy Steers)

Dairy Int. Showmanship Market Animal (includes Feeder Calves, Jr. Bull, Dairy Steers)

Dairy Sr. Showmanship Market Animal (includes Feeder Calves, Jr. Bull, Dairy Steers)

Dairy Jr. Showmanship Female

Dairy Int. Showmanship Female

Dairy Sr. Showmanship Female

Members can only show in one Dairy Showmanship class.

DOGS

1. Dogs must be vaccinated for parvovirus. It is required that all dogs be vaccinated for distemper and rabies to be exhibited in the State of Illinois. Health Certificates must be in exhibitor's possession when animal is judged.
2. Any dogs showing aggressive behavior may be removed by the judge if necessary.
3. Female dogs in season will not be allowed to show.
4. Beginner Novice I is for new handlers and inexperienced dogs only.
5. Beginner Novice II is for experienced handlers with inexperienced dogs or experienced dogs with inexperienced handlers.
6. **A dog being shown in the dog obedience project must be trained by and belong to the exhibitor or to a member of his immediate family by May 1 of current year**
7. All dogs must be leashed or crated (dog crates are acceptable) while on the fairgrounds - Acceptable leashes - 6 ft. leather, nylon or canvas. No prong or electronic collars will be allowed in the show ring. Collars with identification tags are not show collars and should not be used in the show rings.

Career Exploration (see page 11 for guidelines)

Ready4Life (see page 11 for guidelines)

My Pet Dog Cloverbud

Dog Care - Short Haired Dogs (the natural coat over the major part of the body is 1 inch or less)

Awards to Champion and Reserve

Dog Care - Long Haired Dogs (the natural coat over the major part of the body is over 1 inch long)

Awards to Champion and Reserve

Beginner Novice I Class

(For inexperienced handlers and inexperienced dogs)

1. Heel on Leash (forward, halt, right turn, left turn, about turn, slow, normal and fast). The last order signifies that the handler and dog must break pace. These orders will be given by utilizing posted signs Maximum points 40
2. Figure Eight (on leash) Maximum points 40
3. Sit for Exam (on leash) Maximum points 40
4. Sit Stay (walk around ring) Maximum points 40
5. Recall (off leash front/no finish) Maximum points 40

Beginner Novice II Class

(For experienced handlers and inexperienced dogs or experienced dogs and inexperienced handlers.)

1. Heel on Leash (forward, halt, right turn, left turn, about turn, slow, normal and fast). The last order signifies that the handler and dog must break pace. These orders will be given by utilizing posted signs Maximum points 40
2. Figure Eight (on leash) Maximum points 40
3. Sit for Exam (on leash) Maximum points 40
4. Sit Stay (walk around ring) Maximum points 40
5. Recall (off leash front/no finish) Maximum points 40

Preferred Novice Class

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

Novice Class

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

Graduate Novice Class

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

Preferred Open Class

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

Open Class

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

Graduate Open Class

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

6. Directed Retrieve Maximum points 30

Preferred Utility Class

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

Utility Class

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

Champion Beginning Novice I - Champion and Reserve Trophy and Ribbon

Champion Champion Novice II – Champion & Reserve Trophy & Ribbon

Additional awards can be added as interests and numbers increase in the dog obedience classes at the discretion of the judge and Extension Staff.

RALLY OBEDIENCE

New Classes

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

Rally Novice

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

Rally Intermediate

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

Rally Advanced

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

Rally Excellent

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

Jr. Showmanship–For handlers, ages 8-13 years (as of September 1, 2018).

Sr. Showmanship–For handlers ages 14 (as of September 1, 2018) and older.

GOAT

1. Each exhibitor is limited to two entries in each class.
2. Does and Wether Market Goats birth date will be no earlier than September 1 of the previous year
3. Market Bucks birth date will be no earlier than January 1 of the current year
4. Market Bucks cannot be shown in the buck kid class
5. Goats need not be registered.
6. **ONLY ONE MARKET GOAT MAY BE SOLD BY A MEMBER AT THE AUCTION**
7. Market Goats and crossbred goats must be tagged.
8. Goats born after the tagging date are not required to be tagged.
9. Disbudding of animals is strongly recommended, but is dependent upon the breed and left to the superintendent's discretion.
10. The superintendents will determine if the numbers justify showing breeds separately and will divide classes by breeds at their discretion.
11. All animals must be in place by 8:00 a.m. Monday prior to the shows.

See General Livestock Requirements /Page 72-73

Ownership Dates/Page 67

Career Exploration (see page 11 for guidelines)

Ready4Life (see page 11 for guidelines)

My Pet Goat Animals will be judged on the care of the animal and knowledge of the member, these animals will be brought the day of the show and be allowed to return home the same day.

Dairy Goats – All Breeds

Jr. Doe Kid (born after Jan. 1 of current year))

Sr. Doe Kid (born July of previous- January of current year)

Buck Kid (born after Jan. 1 of current year)

Champion and Reserve Doe Kid
Champion and Reserve Buck Kid

Doe 1 (1 – 1 years of age)

Doe 2 (2 years and under 3 years)

Doe 3 (3 years and under 4 years)

Doe 4 (4 years and over)

Champion and Reserve Doe Dairy

Champion Mother & Kid Dairy

Champion Mother & Kid Meat

Grand Champion Mother & Kid

****Kids in the Mother & Kid classes can be a Jr. Doe, Sr. Doe, or Buck Kid****

Meat Goats – All Breeds

Jr. Doe Kid (born after Jan. 1 of current year)

Sr. Doe Kid (born July of previous-Jan. of current year)

Buck Kid (Born after Jan. 1 of current year)

Champion and Reserve Doe Kid

Champion and Reserve Buck Kid

Doe 1 (1 – 2 years of age)

Doe 2 (2 years and under 3 years)

Doe 3 (3 years and under 4 years)

Doe 4 (4 years and over)

Champion and Reserve Doe

Market Goats – All Breeds

Market Goat (born after Sept. 1 of previous year)

(Divided into weight classes as determined by the superintendent no more than 2 entries per class)

Champion and Reserve Market Goat

Jr. Showmanship

Sr. Showmanship

HORSE AND PONY

1. A Negative Coggins test must be shown to Extension staff along with project form and livestock record if member is 12 and over prior to the show
2. Helmets are required for ALL riding classes. These helmets must be S.E.I. Certified. All 4-H exhibitors will be required to wear helmets at any time they are mounted on their horses at the fairgrounds or at the location of the 4-H Horse event or workshop.
3. Animal need not be registered, but animals must be in 4-H member's possession and records begun by April 1.
4. No animal may be substituted or traded for the original animal after April 1. In case of sickness or death of original, a substitute will be permitted upon verification by 4-H leader and/or Superintendent.
5. The Jasper County 4-H Horse and Pony Show is a one day show.
6. If a horse or pony appears to be out of class, the superintendents have the right to measure the animal and place the animal in the correct place.
7. There will be a make-up ring just before class is shown to compare horses and measure if necessary.
8. Ponies will be considered animals 56" and under.
9. Animals over 56" will be considered horses.
10. A gaited animal must gait other than a trot or canter.

See General Livestock Requirements /Page 72-73

Ownership Dates/Page 67

Career Exploration (see page 11 for guidelines)

Ready4Life (see page 11 for guidelines)

ANIMALS 56" AND UNDER

Horse/Pony 56" and Under Halter Class

All animals will be shown in one class and presented to the judge.

Champion and Reserve pony Awards

Donkey/Mule 56" and Under Halter Class

All animals will be shown in one class and presented to the judge.

ANIMALS OVER 56"

Horse Over 56" Halter Class

All animals will be shown in one class and presented to the judge.

Champion and Reserve Horse Awards

Donkey/Mule 56" and Over Halter Class

All animals will be shown in one class and presented to the judge.

Gaited horse or pony (any sex any age) (the above class will be adjusted according to the number of animals entered at superintendent's discretion)

Showmanship at Halter Beginner *Champion & Reserve*

Showmanship at Halter Advanced *Champion & Reserve*

Horsemanship Beginner *Champion and Reserve*

Horsemanship Advanced *Champion and Reserve*

Horsemanship Beginner Walk-Trot *Champion and Reserve*

Horsemanship Advanced Walk-Trot *Champion and Reserve*

Trail Class *Champion & Reserve*

Races and timed events

- **Open Barrel Racing**
(5 second penalty for each barrel knocked over and No time for missed pattern)
- **Pole Bending**
(5 second penalty for each pole knocked over and No time for missed pattern)
- **Novelty** (*Novelty Class will be announced on the day of the 4-H Horse Show. Possibilities – Egg & Spoon, Catalog Race, etc.*)

POULTRY

1. All exhibits in this division must comply with health regulations.
2. Exhibitors may enter no more than once in a class.
3. Birds shown as individuals cannot be part of a market pen exhibit.
4. Birds shown as individuals may be included in the breeding trio.
5. Exhibitor must furnish coop or cage for exhibit.
6. Exhibitor will be allowed to sell 1 market pen if desired.
7. Trophies will be awarded to champion and rosettes to reserve poultry exhibits.
8. Owner must have possession of the animal by May 1 (with exception of broiler/fryer classes and poultry market pen).
9. Hens and Cocks are hatched in the previous year.
10. Pullets and Cockerels are hatched in the current year.
11. "Standard" means a standard size of poultry as compared to "Bantam" which refers to a dwarf or miniature version of that breed.

Poultry Judging Procedure:

- ❑ Each class will be judged separately choosing the top birds in each class.
- ❑ After each class is judged the top bird in each class will be judged for Grand Champion and Reserve.
- ❑ Trophies/Plaques and ribbons will be awarded for :
 - Grand Champion Male Poultry
 - Grand Champion Female Poultry
 - Grand Champion Breeding Trio
 - Grand Champion Market Pen

See General Livestock Requirements /Page 72-73

Ownership Dates/Page 67

Career Exploration (see page 11 for guidelines)

Ready4Life (see page 11 for guidelines)

Chicken Classes:

My Pet Poultry

Bantam Single:

**Hen
Cock
Pullet
Cockerel**

Standard:

**Hen
Cock
Pullet
Cockerel**

Bantam Pair (consisting of 1 cock and 1 hen)

Bantam Pair (consisting of 1 cockerel and 1 pullet)

Standard Pair (consisting of 1 cock and 1 hen)

Standard Pair (consisting of 1 cockerel and 1 pullet)

Broiler/Fryer Market Pen (3 cockerels or 3 pullets of any breed under 4 lbs.)

Roaster Market Pen (3 cockerels or 3 pullets of any breed over 4 lbs.)

Waterfowl Classes: (include bantam and standard ducks and geese)

**Male
Female**

Standard Pair (consisting 1 male and 1 female)

Broiler/Fryer Market Pen (3 young males of any breed under 4 lbs.)

Roaster Market Pen (3 young males of any breed over 4 lbs.)

Other Fowl Classes (pigeons, guinea fowl, pea fowl, pheasants, chukkar, quail, etc.):

Standard:

**Female
Male**

Pair (consisting of 1 male and 1 female)

Market Pen (sexes may be mixed)

RABBITS

1. All exhibits in this division must comply with health regulations.
2. Exhibitors may enter no more than once in a class.
3. Animals shown as individuals cannot be part of a market pen exhibit.
4. Exhibitor must furnish coop or cage for exhibit.
5. Only market pens can be sold through the auction.
6. Trophies and ribbons will be awarded to champion and reserve rabbit exhibits.
7. Purebreds will be judged on the breed standard and crossbred animals will be judged on a meat standard.

See General Livestock Requirements /Page 72-73

Ownership Dates/Page 67

Career Exploration (see page 11 for guidelines)

Ready4Life (see page 11 for guidelines)

My Pet Rabbit (These animals are judge on care and knowledge of the exhibitor)

Jr. Buck Purebred (born during current year)

Sr. Buck Purebred(born prior to current year)

Champion Purebred Buck (Picture and Rosette will be awarded to champion and reserve)

Jr. Doe Purebred(born during current year)

Sr. Doe Purebred(born prior to current year)

Champion Purebred Doe (Picture and Rosette will be awarded to champion and reserve)

Jr. Buck Crossbred (born during current year)

Sr. Buck Crossbred (born prior to current year)

Champion Crossbred Buck (Picture and Rosette will be awarded to champion and reserve)

Jr. Doe Crossbred (born during current year)

Sr. Doe Crossbred(born prior to current year)

Champion Crossbred Doe (Picture and Rosette will be awarded to champion and reserve)

Market Pen (3 rabbits under 12 weeks)

Champion and Reserve Market Pen Awards

Awards will also be given for:

Best White Fur

Best Colored Fur

SHEEP

1. Market lambs must be ewes or wethers - no stags allowed
2. Birth date for lambs will be after September 1 of the previous year
3. All market and crossbred animals must be tagged with the exception of lambs born after the tagging date.
4. Market lambs must be shorn within 15 days of show.
5. 4-H'ers from 8-12 can use a show halter if so desired.
6. The market lambs will be divided equally into weight classes. The number of classes will be determined by the superintendent after weighing. 4-H'ers may show 2 lambs regardless of weight.
7. No sheep shown in a breeding stock class, may be shown in market classes.
8. **ONLY 1 MARKET LAMB MAY BE SOLD BY A MEMBER AT THE AUCTION.**
9. The following procedure will be observed in showing sheep: Champion classes will show together for Grand Champion. The losing Champion(s) and the Reserve Champion in the winning class then compete for Reserve Grand Champion.
10. All animals must be in place by 8:00 a.m. Monday prior to the 4-H Shows.

See General Livestock Requirements /Page 72-73

Ownership Dates/Page 67

Career Exploration (see page 11 for guidelines)

Ready4Life (see page 11 for guidelines)

Purebred Ewe Lamb (born after Jan. 1 of current year)

Purebred Ewe (born after Jan. 1 of previous year)

Crossbred Ewe Lamb (born after Jan. 1 of current year)

Crossbred Ewe (born after Jan. 1 of previous year)

Aged Ewe (two years of age or more)

Champion Ewe

Purebred Ram Lamb (born after Jan. 1 of current year)

Champion Ram Lamb

Market Lamb (born after Sept 1 of previous year)

Champion & Reserve Market Lamb (1st place in market classes)

Jr. Showmanship - 8-12

Sr. Showmanship - 13 and over

SWINE

Swine Guidelines

1. Exhibitors may bring up to and no more than 6 animals to exhibit in the Swine show. This includes purebred gilts, crossbred gilts, market gilts, purebred barrows, crossbred barrows and boars. This does not include Carcass animals.
2. All swine must be farrowed after December 1 of previous year. Each exhibitor is entitled to tag no more than six (6) animals, to include both sexes. Any combination may be tagged. (Breeding crossbred gilts must be tagged).
3. All barrows, both purebred and crossbred must be tagged.
4. All swine shown in the purebred classes must be purebred and registered, or application made on the animal in the 4-H member's name and dated before latest starting date for project in order to show.
5. No swine shown in the purebred classes may be shown in the crossbred classes.
6. The barrows, market gilts and crossbred gilts will be divided equally into weight classes.
7. Exhibitors must notify a superintendent or Extension Staff by 5 p.m. of the weigh-in day as to what class each animal will be placed. **If notification is not received by 5 p.m. the superintendents will place the animal in the market class.**
8. Members participating in the Carcass show will have the opportunity to enter additional tagged animals for the Jasper County Pork Producers sponsored Carcass Show.
9. Swine projects must have at least ½" of hair on side, top of body and hams to be allowed to show. Head, tail and undercarriage can be trimmed. Shaven pigs will not be allowed to show. Pigs can be clipped at a longer length or pigs clipped a month prior to the fair should have ½" of growth back on by fair time. **We strongly encourage clipping be done prior to bringing animals to the fair.**
10. **Only 1 market animal may be sold by a member at the auction regardless of class placement.**
11. The following procedure will be observed in showing swine: First place in each class will show together for Champion. Showing for reserve champion will be those not chosen for champion and the 2nd place animal from the class of the champion animal.
12. Animals shown in a market class cannot be shown in the breeding gilt class.
13. Any animal shown in 4-H carcass class must be one of the animals tagged in April. Gilts are eligible. Carcasses will be evaluated and premiums will be given by the Jasper County Pork Producers. Watch the newsletter for further details.
14. Possession deadline for swine animals will be no later than the tagging date, to include both market and breeding animals.
15. Personnel at the scale have the right to refuse "dirty" livestock until it is cleaned.
16. All animals must be in place by 8:00 a.m. Monday prior to the show.
17. Any animals having consumed **Ractopamine (found in Paylean)** anytime in their life will **NOT** be allowed to show at the Jasper County 4-H Swine Show.

Career Exploration (see page 11 for guidelines)

Ready4Life (see page 11 for guidelines)

Carcass Class – Gilt or Barrow must be tagged (Trophy to Champion Carcass)

Crossbred Barrow (divided into weight classes)

Depending on class size, multiple breeds may be shown together
Champion and Reserve Awards

Purebred Barrow (divided by breed)

Champion and Reserve Purebred Awards

Market Gilt (divided into weight classes)

Champion and Reserve Awards

Crossbred Breeding Gilt (divided into weight classes)

Champion and Reserve Awards

Purebred Breeding Gilt (divided by breed)

Depending on class size, multiple breeds may be shown together
Champion and Reserve Purebred Awards

Grand Champion Gilt and Reserve

(Champion Crossbred Breeding Gilt shows against Champion Purebred)

Purebred Boar (divided by breed)

Depending on class size, multiple breeds may be shown together
Champion and Reserve

Showmanship 8-9 year olds (as of the date of the 4-H Swine Show)

Showmanship 10-11 year olds (as of the date of the 4-H Swine Show)

Showmanship 12-13 year olds (as of the date of the 4-H Swine Show)

Showmanship 14-15 year olds (as of the date of the 4-H Swine Show)

Showmanship 16-19 year olds (as of the date of the 4-H Swine Show)

For Health Requirement Information:

**Illinois Department of Agriculture
Bureau of Animal Health and
Welfare State Fairgrounds P.O. Box
19281 Springfield, IL 62794-9281
Phone (217) 782-4944
2020 Exhibition Livestock Health Requirements
County Fairs**

State Health Requirement link is:

<https://www2.illinois.gov/sites/agr/Animals/AnimalHealth/Documents/2021%20Illinois%20State%20Fair%20Health%20Requirements.pdf>

County Health Requirement link is:

<https://www2.illinois.gov/sites/agr/Animals/AnimalHealth/Documents/2021%20County%20Fair%20Exhibition%20Health%20Requirements.pdf>

For a copy of the Illinois State Fair Health Requirements, please contact the Jasper County Extension Office 618-783-2521.

Jasper County 4-H Records

Why complete the 4-H records? The information you record throughout your 4-H career may be the reference you need to complete a college application or by keeping track of your leadership activities might be the difference in receiving a scholarship, internship, get you that second interview or being passed over. Members don't always remember all the activities throughout their 4-H career and by recording these activities yearly members will have a complete record when needed, with little effort.

What records are required to Show?

4-H Project Form

The only record required for General Show projects is the Jasper County 4-H Project Form. Members are required to exhibit an up to date project form for each project shown at the Jasper County Fair. The form is to accompany the project to the fair and the member keeps the form in their record book after they have completed their conference judging experience.

A financial page is included for use with the projects if you desire. Some projects are easier to determine the cost of the project than others. This area is optional. Members with livestock projects will complete the livestock records.

Livestock Record

Members are required to have an up to date livestock record to present to Extension Staff or Livestock Superintendents prior to showing their animals in their respective shows.

University of Illinois Extension Information

**Jasper County Extension
1401 Clayton
Newton, IL 62448**

Telephone – 618/783-2521

FAX – 618/783-2232

Website: <http://web.extension.illinois.edu/cefj/>

Carl D. Baker, County Director

Dana Homann, Youth Educator

Katie Turkal, Extension Program Coordinator

Sarah Clayton, Office Support

The Jasper County Extension Office is located in the Sunrise Youth Center and Community Building off Route 130 South at 1401 Clayton Drive.

4-H Shows are held at the **4-H Building** on the Jasper County Fairgrounds on Fairgrounds Street in Newton.

If you need further directions, contact the Jasper County Extension Office

Members with disabilities needing special accommodations should contact the Jasper County Extension Office at 618/783-2521 to make your requests known.

In Case of an emergency during a 4-H Event 4-H families should follow the instructions by the telephone at each location or follow the directions given by Extension staff and emergency personnel

**Illinois State 4-H Office
801 N. Country Fair Drive, Suite E, Champaign, IL 61821
217/333-2113**

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Extension

**COLLEGE OF AGRICULTURAL, CONSUMER
& ENVIRONMENTAL SCIENCES**

University of Illinois Extension offers practical, research-based programs that help people improve their lives and address critical community issues involving youth, families, economics, health and natural resources. University of Illinois Extension provides equal opportunities in programs and employment. If you need a reasonable accommodation to participate in this program, please contact your local Extension Office.