

University of Illinois Extension
306 South Fair Street
Olney, IL 62450
618-395-2191



Dear 4-H Family,

This is your Richland County 4-H Exhibit Requirements Book for the 2020 4-H Shows.

Be sure to read this book and keep it handy. It has important information regarding the 4-H shows. The shows and the fair will be here very soon and we want you to be prepared.

If you have any questions about requirements, judging procedures, or schedules, PLEASE CALL ME at the office (618-395-2191) or cell (618-843-5030). I prefer problems ironed out before Show Day! See you at the Fair!

Sincerely,

Jessica Ochs

Program Coordinator, 4-H and Youth Development
University of Illinois Extension
Richland County

Issued in furtherance of Cooperative Extension Work, Acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture, Dr. Shelly Nickols—Richardson, Interim Associate Dean, Office of Extension and Outreach.

University of Illinois– U.S. Department of Agriculture—Local Extension Councils Cooperating University of Illinois Extension provides equal opportunities in programs and employment. If you need reasonable accommodation to participate in this program, please contact the Richland Co. Extension office at 618.395.2191

If you need a reasonable accommodation to participate in this program, please contact Jessica Ochs 618-395-2191. Early requests are strongly encouraged to allow enough time for meeting your access needs.

University of Illinois Extension
Richland County
306 South Fair
Olney, IL 62450
618-395-2191

Current 4-H Year
September 1, 2019-August 31, 2020

Compiled by: Jessica Ochs

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Richland County 2020 4-H General Project Judging Schedule

Thursday, May 28, 2020

6:00 PM	Public Presentations – Extension Office, 306 S Fair St, Olney
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Friday, June 12, 2020

9:00 AM	Dog Show – Livestock Barns, RC Fairgrounds, Olney City Park
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Friday, June 19, 2020

1:30 PM	Cat Show—Extension Office, 306 S Fair Olney, IL
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Wednesday, July 1, 2020

6:00 PM	Building/Barns Set Up — Olney City Park
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Thursday, July 2, 2020 - Home Ec/ General Project Show

1:00 PM	Registration/Sign In Starts — Community Building, Olney City Park
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2:30 PM Judging Begins	<i>ALL GENERAL/ HOME EC PROJECTS!!!!</i>
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Friday, July 10, 2020

11AM-1:00 PM	Pick up exhibits in Community Building. Premium checks will be mailed out later when all funding is designated.
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July 4-11, 2020

4-H Livestock Show Schedule Richland County

Date	Time	Event	Location
Sunday, July 5	9AM	4-H Horse Show	Olney City Park Fairgrounds
	7:00 PM	Swine Weigh-In	
Monday, July 6	12 Noon	Bucket Calf Interviews	Community Building
	12 Noon	All Livestock exhibits must be in place	Olney City Park Fairgrounds
	AM	Weighing of Animals (except swine)	
Tuesday, July 7	8:00 AM	Swine Show	Olney City Park Fairgrounds
	8:30 AM	Poultry Show	
	9:00 AM	Dairy Show	
	3:00 PM	Sheep Show	
Wednesday, July 8	8:00 AM	Beef Market Show	Olney City Park Fairgrounds
	9:00 AM	Beef Breeding Show	
	10:00 AM	Bucket Calf Show	
	8:30 AM	Rabbit Show	
	1:00 PM	Goat Show: Milking, Meat, Novelty	
Thursday, July 9	8:30 AM	Overall Showmanship Contest	Beef Barn Show Ring Olney City Park Fairgrounds
	3:00 PM	Youth Auction	Olney City Park Fairgrounds
Friday, July 10	9:00 AM	Tractor Driving Contest	Olney City Park Fairgrounds
Saturday, July 11	8:00 AM	Clean-Up	Olney City Park Fairgrounds

University of Illinois Extension

Unit 25: Lawrence, Richland, Wabash, Edwards & Wayne

Richland County Extension
306 South Fair
Olney, IL 62450
Telephone – 618/395-2191
FAX – 618/392-4906

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

Stacy Woodward, Interim County Director
, Youth Development Educator
Jessica Ochs, Program Coordinator
Sheri Pitts, Office Support Assistant

4-H Shows are held at the Olney City Park, Olney, IL unless otherwise designated.

If you need further directions contact the Richland County Extension Office.

Supplemental information concerning exact times of 4-H Shows and exact locations along with check in times and other details associated with the 4-H shows will be in the Richland County 4-H newsletter sent to each Richland County 4-H Family in July.

Information will also available on the Richland County Website at:
<http://web.extension.illinois.edu/elrww/>

Members with disabilities needing special accommodation should contact the Richland County Extension Office at 618/395-2191 to make your request known.

Illinois State 4-H Office
801 N. County Fair Dr.
Champaign, IL 61820
217-333-9289

All persons, regardless of race, color, religion, gender, national origin, ancestry, marital status, familial status, sexual orientation, or disability may participate in 4-H programs. Youth who are eight years of age or in the third grade and have not yet reached their nineteenth birthday on or before September 1 of the current 4-H year may enroll in 4-H Clubs.

Richland County 4-H Clubs 2019-2020

Club Name	Club Leader(s)	Contact Number
Berryville Jr. Farmers	Valerie McVaigh	618-838-0172
Builders of the Future	Becky Steber	618-869-2782/618-838-2782
	Paula Kocher	618-843-0556
Country Clovers	Jenny Hancock	618-754-3802/618-843-6625
	Jodi Steber	618-869-2349/618-843-3431
	Lora Kocher	618-843-8126
Crazyhorse	Cathy Zellmer	618-339-7526
	Alan Zellmer	618-339-7528
Hilltoppers	Terry & Ken Fleming	618-442-7784/618-838-5007
	Lisa Pampe	618-839-0833
Ridge Runners	Dennis Anderson	618-354-0061
	Kacy Rennier	618-554-8455
Rowcroppers	Francis Ochs	618-843-6247
	Janice Zwilling	618-562-1990
Southern Smilers	Tammy & Dan Williams	618-854-2350/618-839-3830
	Garrett Williams	618-838-6857
	Trudy Hemrich	618-843-3816
Stringtown Cloverbuds	Beth Kocher	618-843-8422
	Janette Kocher	618-754-3426/618-843-1650
4-H Federation	Jessica Ochs	618-843-5030
	Amanda Wilke	618-839-1615
4-H Shooting Sports	Brent Pitts	618-839-3814
	Wayne Kocher	618-843-5558
	Chad Hancock	618-754-3802/618-843-9535
	Aaron Spieth	618-843-2011

Richland County 4-H Show Superintendents 2019 Fair Book

Area	Superintendent	Contact Number
Beef	Roger Zwilling	618-838-8359
Bucket Calf	Sydney Pitts	618-320-0883
Dairy	Dan Kuenstler	618-869-2368
General Projects	Terry Fleming	618-442-7784/618-838-5007
Goats	Aaron Spieth Makela Wilson	618-843-2011 618-843-0027
Home Ec.	Terry Fleming	618-442-7784/618-838-5007
Horse	Linda Wade	618-838-3392
Poultry	Ron Steber Jr.	618-869-2553
Rabbits	Jane Graves	618-843-0798
Sheep	Brent Pitts	618-839-0504
Overall Showmanship	Brent Pitts	618-839-0504
	Sydney Pitts	618-320-0883
	Jamie VanDyke	618-843-5488
Swine	Justin Westall	618-919-1387
	Ryan Weesner	618-843-1086
Tractor	David Dehlinger	618-395-7731
	John Dehlinger	618-395-7500

** Note: These are only the superintendents for the 4-H Shows, please see the Jr. Fair Book for Jr. Fair Show Superintendents. **

Code of Conduct for 4-H Events & Activities

University of Illinois Extension

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-l, 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.

Judging Philosophy for Members and Parents

Have you developed your own philosophy for judging? Do you know why your work is judged at fairs and other 4-H events? Do you know why certain people are asked to be judges? Do you accept the awards you get gracefully whether it is blue, red or white? If your answer is "yes" to all these questions, you need to read no further. BUT many 4-H members and parents do not know all the answers.

WHY DO WE JUDGE? The two major purposes in judging are: (1) to determine the worth of a piece of work, how well it was done, and how closely it conforms to standards of quality; (2) to contribute to the growth and development of 4-H members and others concerned with helping boys and girls learn.

WHO ARE THE JUDGES? Judges are people! They are people who want to help 4-H members learn! They are asked to be judges because they have special training and background in certain subject matter areas. Not all judges have the same training and the same background in the same subject matter area, and that is why judges sometimes differ in their opinions and ideas as to how something should be done. If you understand this, it may help you to accept gracefully the award they give.

The process of judging will never be perfect. Judges can evaluate only what they see. They cannot know how hard one member has worked or what obstacles another may have had to overcome. So, they must judge just what they see according to a standard. They can guess a little about what they see according to a standard. They can guess a little about what to expect from members of a certain age or years of experience, but even here there may be a difference of opinion. We have to learn to accept judging for the best it can do for us and reconcile ourselves to some of the faults that are impossible to overcome. Learn what you can from judging, but don't take it too seriously. Don't make it a matter of life or death. Consider judging an adventure to stimulate you to greater achievement.

To All 4-H Exhibitors, Parents and Leaders:

All 4-H Exhibitors, Parents and Leaders are expected to show respect and courtesy to the judges. Violations may result in disqualifying the exhibitor. **PARENTS WILL NOT BE ALLOWED IN THE JUDGING AREA UNLESS PERMISSION HAS BEEN GIVEN BY THE EXTENSION STAFF.**

Exception: Youth identified by Extension Staff as “children with special needs” may have another person with them during judging. Please notify the Extension staff if you feel your child may fall into “children with special needs” so a pre-determined decision can be made.

Conference Judging

Conference Judging is the process used for all non-livestock exhibits at county shows to evaluate 4-H’ers exhibits.

A Message to the 4-H Member

Judging is a learning experience. From which, you can learn what you did well and how that you could improve in the future. An exhibit does not measure all that you have learned, but it is an example of what you have done.

- During conference judging, the judge will encourage you to talk about your project exhibit.
- You will be asked some questions about your exhibit, so you should be prepared to tell what you were trying to do in your project (goals and objectives) and be able to describe the methods and processes used to produce the exhibit.
- Read and follow the rules and requirements for your project carefully.
- Learn good sportsmanship.
- Listen carefully to the judge so that you can accept constructive criticism, and learn from it.
- Remember, judging comments can be helpful, but they are only one person's evaluation.
- Realize that people sometimes make mistakes.

A Message to Leaders & Parents

Each child is an individual of utmost importance. Keeping this in mind, the leader should try to make 4-H a positive learning experience. Part of this experience is the 4-H exhibit.

The 4-H exhibit is not an end in itself nor does it measure all the learning that takes place in the 4-H Project. The exhibit is only one measure of success. Self-recognition, self-satisfaction, and the learning from completing the project are important rewards.

- 1) Discuss the purpose of judging with 4-H members & their parents:
 - To evaluate the exhibit which is an example of the child's work.
 - To help each member see the process that he/she has made and put judging in perspective.
- 2) Help the child set realistic goals for himself/herself according to his/her own age and experience.
- 3) Be sure that your goals are in line with the child's age and experience.
- 4) Recognize good work. Give constructive criticism.
- 5) Be familiar with the requirements or criteria of the 4-H project that is to be judged.
- 6) Be familiar with several methods of accomplishing the desired result.
- 7) Regardless of who does the judging there are some basic points to keep in mind.
 - The development of young people is our first consideration in 4-H work.
 - We are really concerned more about what the 4-H'er learns than with the exhibit.
 - Projects are a means to an end – not an end in themselves.
 - No exhibit is so poorly done that it is not worthy of an encouraging comment.
 - No exhibit is so well done that some improvement may not be made.
- 8) Judging is done according to quality standards. It is not a matter of personal whim or tastes. The standards are:
 - High, But attainable
 - Appropriate to different age levels
 - Known by the 4-H members
- 9) Projects are evaluated, not members. All completed projects meeting show requirements will receive a Blue, Red or White rating. Projects evaluated independently, not compared.
 - Blue — Meets requirements/standards
 - Red — Needs some improvement
 - White — Needs much improvement
- 10) Stress that judging comments can be helpful, but that they are only one person's evaluation.
- 11) In competition, avoid overemphasis of the winner. Help the child accept the results of the competition and realize that through his/her own accomplishments everyone is a winner.

Tips for a Successful 4-H Show

- Read your specific project exhibit requirements in the 4-H Handbook. You must follow the project requirements exactly.
- Review your 4-H manual and be certain you have all the materials needed to complete your project.
- Get help now! Call your leaders or the Extension Office if you have questions about exhibit requirements. Do not wait until the day before or the day of the show.
- Be sure to write the date and time of your judging event on your family calendar.

4-H Show Attire

The 4-H Show can be so much fun that sometimes we forget how important it is to look our best when exhibiting our project(s). This does not mean that you need to be in new or dressy clothing. This means:

- Be neat and clean
- Take hats off while showing projects (Judges like to see faces when they are speaking to you)
- Have hair combed
- Have shirts tucked in and shoestrings tied
- Have hands washed
- Wear jeans or khakis
- Wear shirts with sleeves (no spaghetti tops)

Neat appearances will not only make you feel better, it will impress the judges too. Let's try to look our best, learn all you can and have fun when showing projects.

Ribbon Awards

Conference judging allows 4-H'ers to hear the judge's comments directly and to ask questions on how to improve. Premium money may also accompany the ribbon award at some 4-H exhibit opportunities. All exhibits are judged in two ways:

- First: Individually against project standards
- Second: Competitively against all others in the same class.

Individually: The exhibit is first judged against standards. The judge may use a score sheet to determine to what degree the standards have been met. A ribbon is then awarded as follows:

- Blue -- "A" -- Project meets standards, good exhibit
- Red -- "B" -- Project needs some improvement
- White -- "C" -- Project needs much improvement
- Green -- Acknowledges participation in the event

Premiums

Premiums will be paid to 4-H exhibitors on all projects exhibited. Premiums will be paid on State-approved and County projects. The total dollars available for premiums will be awarded using the X-factor. The amount may vary according to the rating received and State funding. Premium checks will be mailed to each 4-H member who exhibited after the fair.

IDOA Disclaimer Statement:

“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 enough to pay such premiums, premium amounts may not be accurately reflected in the Premium Book.”

Tax Implications for Prizes, Gifts or Awards:

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

Remember to Say “Thank You”

Remember to take time to say “Thank You” to the sponsors of the trophies and gifts following the 4-H Shows. Saying the words is nice but taking time to write a short note is best. These notes help our sponsors realize that award sponsorship really means something to 4-H’ers. Last, but not least, you will probably feel pretty good about the extra effort it takes to write a short note. Just a simple “Thank You for Sponsoring the Trophy” is all it takes. Animal project members also need to remember to write a “Thank You” note to the buyer of your animal. Contact the Extension Office if you do not know who the sponsor is or if you need an address.

GENERAL RULES AND REGULATIONS FOR RICHLAND COUNTY

4-H General Projects

4-H MEMBER REQUIREMENTS AND ELIGIBILITY

1. Each exhibitor in the Richland County 4-H Shows must be officially enrolled in a Richland County 4-H Club in current 4-H Year. There is a \$20.00 program fee.

2. All members must be enrolled in 4-H and in a minimum of one project by March 1 of current 4-H year to be eligible to show at the 4-H Show.

Members enrolling in livestock project(s) (exclusive of dogs, cats or other small pets) must enroll before January 1 of current 4-H year. This enrollment date must be met in order for youth to sell an animal at the Youth Auction during the Richland County 4-H Fair. Failure to meet this January 1 deadline will enable the youth to exhibit the animal at the 4-H Shows but will make them ineligible for selling at the Youth Auction.

New members may join a club and be eligible to show projects at the Richland County 4-H Shows until May 1 of the current 4-H year (except livestock projects).

3. A youth that enrolls in a 4-H club/group **must** attend 2/3 of their club's meetings from time club reorganized for current year, or if a first year member, 2/3 after joining, Have given a talk or demonstration and have records up-to-date in order for youth to take part in any 4-H exhibitions (which includes the Illinois State Fair – Livestock and General Projects), receive 4-H premiums, or other 4-H awards and recognitions, he or she must meet the requirements of this attendance policy. The 4-H Club Leader will verify the meeting attendance of each 4-H member to the Extension Office by July 1.

Illinois State Fair – all 4-H'er ages 8-18 as of September 1, current 4-H year.

Livestock Projects –4-H members must have conducted a “supervised” 4-H or FFA program with records kept therein. The club leader is the “supervisor” and must be aware of what each 4-H member is doing with their project.

General Projects - Entries for the non-livestock classes are limited to those 4-H members who were selected by a judge to exhibit from their county 4-H show. An individual 4-Her may enter only one exhibit class in the 4-H exhibit division.

4. As a Richland County 4-H Member enrolled in a 4-H project, you are invited to exhibit a project(s) at the Richland County 4-H Show held in July as long as ALL the requirements are met. All members participating in an exhibit opportunity are eligible to receive premiums as appropriated by the Illinois 4-H Premium Fund.

ENTRIES

1. **Entry Deadlines** – All entries must be received by the Extension Office by June 1, 2018. Anyone not submitting an entry form by this time will not be allowed to exhibit. The entry form requires the signature of 4-H member and parent.
2. **Entry Forms** – All 4-H exhibitors (livestock and general projects) must submit an entry form. 4-H Exhibit Entry Forms will be mailed to each 4-H member for the projects they are enrolled in.
3. **Entry Fees** - The 4-H Shows require no entry fees.

4. **Entry Rules** – Entries may be made only in project areas in which the 4-H member is enrolled in. All entries must be the current work of the member making the exhibit or entry. Entry tags to label exhibits will be provided to the 4-Hers upon registration for conference judging.

4-H PROJECT EXHIBIT GUIDELINES

1. All projects judged and exhibited at the 4-H Show must be made and shown by the exhibitor within the current 4-H year. Any project not made by the exhibitor or not made during the current year will be disqualified and no premium will be awarded.
2. 4-H'ers may exhibit only in project area in which they are enrolled. 4-H members can receive one premium per class exhibited in premium eligible projects. This **includes all** projects including livestock. Be sure to read project exhibit requirements and all the rules and regulations regarding 4-H shows. If requirements are not followed, the rating may be lowered and may not be considered for State Fair.
3. All projects must be of "Blue (A)" rating quality before being eligible for a champion or State Fair Competition.
4. Failure to read and comply with the 4-H Show rules may result in disqualification of the project and/or lowering of the premium.
5. The Danish System will be used to award premiums. All exhibits will receive a "Blue (A)", "Red (B)" or "White (C)" rating.
6. Premiums are paid to exhibitors on State-approved and County projects. The total dollars available for premiums will be awarded by using the "X-Factor".
 - The amount may vary according to the rating received and State Funding.
 - Premium checks will be mailed to each 4-H member who exhibited.
7. Participation in 4-H exhibitions is optional on the part of the 4-H member.
8. Exhibit Entry Forms will be mailed to each 4-H member for the projects they are enrolled in. No Project can be added at this time. The purpose of these forms is:
 - ❖ To verify the projects, they are enrolled in
 - ❖ To pre-register for the 4-H shows so exhibit tags for each project will be correct and available on show day
 - ❖ To make housing assignments for animals exhibited
 - ❖ To have correct number of judges for each project
 - ❖ If you are enrolled in any animal project, you will need to register by class numbers and number of animals in class. Weights of animals are not needed.
 - ❖ Class numbers are listed in the 4-H Show Book.
 - ❖ Members will need to return completed forms to the Extension Office by deadline.
9. Project Exhibit Released – All projects must remain on display the entire exhibit time in order for premium to be awarded. 4-H projects will be released on last Friday of the fair from 11:00AM-1:00PM. Please make arrangements to pick up projects or notify your leader to pick them up for you. The Extension Unit is not responsible for any project not picked up. If for some reasons the project cannot remain on display, the 4-H'er must inform the Extension Staff.
10. The Richland County Extension / State 4-H Office / Staff will not assume liability for loss or damage which may occur to 4-H Projects exhibited. All possible precaution will be taken to protect the exhibits in the 4-H Area.

11. If a 4-H member is unable to attend a project show, they may seek approval for judging a static project. They must indicate as such on the entry form or contact the Extension Office, fill out a Project Report Form and have the project available for judging on the show date.
 - *Excused absence from the county show is for conflicts such as 4-H event, or scholastic achievement.
12. Each 4-H Exhibitor in General Projects will check-in at the Check-in Table to receive your pre-printed exhibit tags. Then, the 4-Her will need to register at the Registration Table. At this time, 4-Hers name will be placed on Sign-In sheet for each judge. This will be the order of judging. This will eliminate standing in line.
13. Judging will be in the Community Building, beginning at **2:00 p.m., Thursday, July 2**. The building will be closed during the judging of the general projects, except for the judges, helpers, and members who are scheduled at a designated time for a conference with a judge. A schedule of conference times will be published in the 4-H Newsletter before the Fair. You are asked to wait outside the building by the north doors until your name is called to talk with the judge. We ask that no extra 4-H'ers, parents, or friends be allowed in the building during conference time. This will be the 4-H'ers opportunity to talk with the judge and learn more about his/her project. Judges will be given the option of telling the 4-H'er his/her grade (A, B, C) or the judge may elect to wait until s/he has completed judging a particular class.
14. State Fair Entry Forms **MUST** be returned by Friday, July 17th by 4 PM. Please return forms to the Extension Office. We need to know if you are going to State Fair and in what project. All exhibitors who have projects selected for State Fair must return this form. Alternates will then need to be notified.

JUDGING and PROTESTS

1. All exhibitors, leaders, and parents are expected to show respect and courtesy to judges. Violations may result in disqualifying the exhibitor. Qualified judges will judge all exhibits. Decision of the judge is final.
2. Extension Staff can make any changes to classes, weights, etc as they deem necessary. Regarding a question concerning interpretation of the rules and regulations, the Extension Staff will make the decision.
3. If anyone contests any classification or regulation, they must bring it before the attention of the **Extension Staff** for consideration **BEFORE** the show begins.
4. **PROTESTS** - All protest of eligibility of exhibitor or animal must be filed in writing at least 12 hours before the show begins or within 12 hours after the conclusion of the show. A deposit of \$50.00 must accompany the protest. The deposit will be returned to the person filing the protest and if the protest is proven, the exhibitor found in violation will forfeit all premium money due that animal. If the protest is found to be invalid or unproven, the protestor will forfeit the deposit.

To All 4-H Exhibitors, Parents and Leaders:

All 4-H Exhibitors, Parents and Leaders are expected to show respect and courtesy to the judges and staff. Violations may result in disqualifying the exhibitor.

PARENTS WILL NOT BE ALLOWED IN THE JUDGING AREA UNLESS PERMISSION HAS BEEN GIVEN BY THE EXTENSION STAFF.

Exception: Youth identified by Extension Staff as “children with special needs” may have another person with them during judging. Please notify the Extension staff if you feel your child may fall into “children with special needs” so a pre-determined decision can be made.

READY4LIFE CHALLENGE

Open to 11- to 18-year-olds enrolled in Ready4Life Challenge in the specified project area. Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

INNOVATION CLASSES

Open to youth who are at least 13 years of age on 9/1/19 and are enrolled in any project level of the following project areas: Child Development, Computer Science, Crops, Geology, Health, Interior Design, Leadership, Natural Resources, Photography, Robotics, Theatre Arts, Tractor, and Video. Your exhibit should not fit in the other exhibit options for this project. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period

Maker Class

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

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

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

ANIMAL SCIENCE

Show: Thursday, July 2, 2020, Richland County Fairgrounds

Animal-Less Projects-4-H members may be enrolled in a livestock project but do not have to own or exhibit an animal. These exhibits will be judged with General Projects. Animal-Less Project areas include: Beef, Cat, Dairy, Dog, Goat, Horse, Poultry, Rabbits, Sheep, & Swine

Exhibit Requirements:

Animal Science - (SF 50135)

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

Beef

Beef

Cat

Cat

Dairy

Dairy

Dog

Dog

Goats

Dairy Goats, Meat Goats

Horse

Horse

Poultry

Poultry

Rabbits

Rabbits

Sheep

Sheep

Swine

Swine

Animal Science Ready4Life Challenge - (SF 50137)

Open to 11- to 18-year-olds enrolled in any Animal Science project. See page 20 for further information on Ready4Life Challenge project specifications

Animal Science Maker - (SF 50400)

See Page 20 for details!

AEROSPACE

Show: Thursday, July 2, 2020, Richland County Fairgrounds

Aerospace 2 Model Rocketry (SF 50130)

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

Aerospace 2 Aerospace Display (SF 50131)

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

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

Aerospace 3 Aerospace Display (SF 50131)

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

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

Aerospace 4 Aerospace Display (SF 50131)

Prepare a display related to the aerospace project 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.

Aerospace Maker (SF 50400)

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

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

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

BICYCLE (not eligible for state fair)

Show: Thursday, July 2, 2020, Richland County Fairgrounds

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.

Bicycle Maker (SF 50400)

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

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

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

CAT

Show: Friday, June 19, 2020, Extension Office

Quality Assurance and Ethics Training: First year members are required to participate in Livestock Quality Assurance and Ethics training via the web. The website address is as follows:

<http://web.extension.uiuc.edu/qaec/>.

4-H Cat Show

For those bringing a cat, you need to bring with you to the show:

- Small container of water
- Small litter pan
- Towel for bottom of cage
- Proof of current vaccination for rabies and distemper
- Project manual with seven (7) activities completed during the current 4-H year.

Display cages will be available, or you may bring your own cage. The animal must always be kept under control and not be allowed to run loose. All animals must be exhibited by the owner unless permission is granted by the Extension staff or Show superintendent. In case of time conflict or other reason as granted by staff or superintendent, 4-H'er may have another Richland County 4-H member show the cat for the exhibitor/owner. If you exhibit your cat, you are REQUIRED to also exhibit your cat project manual with seven (7) cat achievement program activities and planning guide (Goals and Highlights) completed during the current 4-H year. Dates must be filled in. Manuals will be checked at Cat Show.

Classes:

Cat- Domestic – member will exhibit cat and will be prepared to answer questions about the cat and his/her care. The animal must be clean and healthy.

Cat – Purebred – Member will exhibit cat and will be prepared to answer questions about the cat and his/her care. The animal must be clean and healthy.

CHILD DEVELOPMENT

Show: Thursday, July 2, 2020, Richland County Fairgrounds

Child Development (SF 50141)

Exhibit one of the following class options

- **Child Development 1: Infants and Toddlers**

Prepare a display focusing on any activity related to the child development project. Demonstrate the skills and knowledge you have gained through the child development project you studied. Include a list of resources you used to learn more about child development, such as mentors, books, articles, or websites. 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 Care 1: Infants and Toddlers**

Prepare a display focusing on a topic related to childcare of this age group such as selecting age appropriate activities, explaining child behavior, and/or recognizing safety concerns. Demonstrate the skills and knowledge you have gained through the child development project you studied. Include a list of resources you used to learn more about childcare, such as mentors, books, articles, or websites. 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.

Child Development Maker (SF 50400)

See Page 20 for details!

CIVIC ENGAGEMENT

Show: Thursday, July 2, 2020, Richland County Fairgrounds

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.

See Page 20 for Details!

Civic Engagement Maker (SF 50400)

See Page 20 for details!

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

Show: Thursday, July 2, 2020, Richland County Fairgrounds

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

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

CLOTHING: STEAM

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- Recycled Clothing – Create a garment from used textile-based items. The original used item must be redesigned (not just embellished or decorated) in some way to create a new wearable piece of clothing. The finished garment must reflect at least one skill learned in this project and exhibitor should be able to

identify the skill used. A before picture and a description of the redesign process must accompany the exhibit.

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

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

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

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

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

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

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

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

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

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

Shopping in Style: Members are encouraged to spend more than one year involved in this project, so they have time to learn what clothing styles look best on them while they also gain skills in building a versatile wardrobe

and staying within their budget. Each year enrolled in Shopping should build on previous year's learning experience.

Shopping in Style (SF 50154)

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

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

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

- Exhibit should include two clothing items that were previously a part of your wardrobe that still fit but you don't wear anymore and pair them with something new to make them wearable again. Also include a report that explains why the garment was not being worn and what you did to transform it into a wearable garment again. **OR**
- Exhibit should include at least five pieces of clothing that exhibitor can mix and match to create multiple outfits. Include a poster or report that includes a clothing inventory **AND** describes what you have learned by completing this activity. **OR**
- Exhibit should include garment you purchased along with a poster or report that 1) includes a wardrobe inventory which indicates why you selected the garment you did, clothing budget, and cost of garment; **OR** 2) explains how advertising influences clothing purchases making a distinction between wants and needs; and how the purchase of this garment 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 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.

Clothing Maker (SF 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:

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

Cloverbuds

Show: Thursday, July 2, 2020, Richland County Fairgrounds

- 1) Cloverbud 4-H members are 4-H members 5-7 years old by **September 1** of the current 4-H year.
- 2) Cloverbud members can be a part of a local 4-H club or a Cloverbud group for Cloverbuds only.
- 3) Projects for Cloverbuds are indicated on the Cloverbud Enrollment Form.
- 4) All 4-H Cloverbud members are eligible to exhibit a project associated with their individual or club project, if they choose, following the guidelines below:
 - Cloverbud members must be enrolled in the project area they wish to exhibit at the fair.
 - Cloverbuds may show any project that pertains to the Cloverbud curriculum or anything that the club did throughout the year. While the exhibit should be the member's idea, and mostly created by the member, adults may assist Cloverbuds in creating parts of their exhibits when necessary.
 - Cloverbuds may show individually or as a group display. Parents/guardians and siblings will not be allowed to sit with the member while he/she is being judged.
 - Cloverbuds will receive a special Cloverbud Ribbon for exhibiting.
 - Cloverbud projects will be reviewed during the 4-H General Show at the Richland 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 Special Recognition awards or champion and reserve champion awards.
 - **Cloverbud members cannot participate in the Youth Auction**

COLLEGE & CAREER READINESS

Show: Thursday, July 2, 2020, Richland County Fairgrounds

Build Your Future (SF 50365)

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

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

College & Career Ready4Life Challenge (SF 50366)

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

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

College & Career Maker (SF 50400)

See Page 20 for details!

COMMUNICATIONS

Show: Thursday, July 2, 2020, Richland County Fairgrounds

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 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 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 section showcasing at least four additional activities per year.

Creative Writing (SF 50367)

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

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

Journalism (SF 50369)

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

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

Communications Ready4Life Challenge (SF 50370)

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

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

Communications Maker (SF 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:

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

COMPUTER SCIENCE

Show: Thursday, July 2, 2020, Richland County Fairgrounds

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

Beginning Visual Programming (not eligible for state fair)

Open to youth in Computer Science Visual Based Programming

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

Intermediate Visual Programming (SF 50159)

Open to youth in Computer Science Visual Based Programming

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

Advance Visual Programming (SF 50160)

Open to youth in Computer Science Visual Based Programming

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

Website Design: (SF 50161)

Open to youth in Computer Science Visual or Text Based Programming

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

Computer Open Source / Innovation CS (SF 50162)

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

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

demonstrate successful application of open source (publicly available) computing software and/or hardware, such as Raspberry Pi and Linux, to accomplish a task. All exhibits must include something visual, such as a poster or printed copy of a digital presentation or 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.

Computer Science Maker (SF 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:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogrammed to perform a different function other than what it was designed to do
- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

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

CONSUMER EDUCATION

Show: Thursday, July 2, 2020, Richland County Fairgrounds

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

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

My Financial Future 1 Beginner (SF 50168)

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

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

My Financial Future 2 Advanced (SF 50169)

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

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

Consumer Ed Ready4Life Challenge (SF 50167)

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

See Page 20 for details!

Consumer Ed Maker (SF 50400)

See Page 20 for Details!

CROPS

Show: Thursday, July 2, 2020, Richland County Fairgrounds

Soybeans (SF 50170)

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

Corn (SF 50171)

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

Small Grains (SF 50172)

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

Crops Innovation Class (SF 50173)

Open to youth enrolled in any Crops project

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

Crops Ready4Life Challenge (SF 50175)

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

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

Crops Maker (SF 50400)

See Page 20 for details!

DOG

Show: Friday, June 12, 2020, Richland County Fairgrounds

Dog Obedience

- Beginner Novice I Class (For inexperienced handlers and inexperienced dogs) (SF 50401)
 - 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
 - Figure Eight (on leash)
 - Sit for Exam (on leash)
 - Sit Stay (walk around ring)
 - Recall (off leash front/no finish)
- Beginner Novice II Class (For experienced handlers and inexperienced dogs OR experienced dogs and inexperienced handlers) (SF 50402)
 - 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
 - Figure Eight (on leash)
 - Sit for Exam (on leash)
 - Sit Stay (walk around ring)
 - Recall (off leash front/no finish)
- Preferred Novice Class (SF 50403)
 - Heel on Leash and Figure 8
 - Stand for Examination (off leash)
 - Heel Free (off leash)
 - Recall (off leash with finish)
 - Sit or Down Stay-Walk around the Ring
 - Sit Stay-Get Your Leash (off leash)
- Novice Class (SF 50404)
 - Heel on Leash and Figure 8 (on leash)
 - Stand for Examination (off leash)
 - Heel Free (off leash)
 - Recall (off leash)
 - Sit Stay – Get your leash (off leash)
 - Group Exercise – Sit & Down Stay (on leash)
- Graduate Novice Class (SF 50405)
 - Heel Free and Figure 8 (off leash)
 - Drop on Recall
 - Dumbbell Recall (handler must provide)
 - Dumbbell Recall over High Jump (handler must provide dumbbell)
 - Recall over Broad Jump
 - Stay-Get your leash (sit, Down)

- Preferred Open Class (SF 50406)
 - Heel Free and Figure 8
 - Command Discrimination (Stand, Down, Sit)
 - Drop on Recall
 - Retrieve on Flat
 - Retrieve over High Jump
 - Broad Jump
 - Stay-Get your leash (Sit, Down)
- Open Class (SF 50407)
 - Heel Free and Figure 8
 - Command Discrimination (Stand, Down, Sit)
 - Drop on Recall
 - Retrieve on Flat
 - Retrieve over High Jump
 - Broad Jump
 - Stay-Get your leash (Sit, Down)
- Graduate Open Class (SF 50408)
 - Signal Exercise
 - Scent Discrimination
 - Go Out
 - Directed Jumping
 - Moving Stand and Examination
 - Directed Retrieve
- Preferred Utility Class (SF 50409)
 - Signal Exercise
 - Scent Discrimination Article #1
 - Scent Discrimination Article #2
 - Directed Retrieve
 - Moving Stand & Examination
 - Directed Jumping
- Utility Class (SF 50410)
 - Signal Exercise
 - Scent Discrimination Article #1
 - Scent Discrimination Article #2
 - Directed Retrieve
 - Moving, Stand and Examination
 - Directed Jumping

Dog Showmanship

- Junior Showmanship (for handlers age 8 to 13 (as of 9/1/19) (SF 50411)
- Senior Showmanship (for handlers age 14 and older (as of 9/1/19) (SF 50412)

Rally Obedience

1. Dog/Handler team must receive a qualifying score of 70 out of 100 to compete at the state level.
 2. The event will be timed. In event of a tie score, the fastest time will break the tie.
 3. A Dog/Handler team must receive 3 qualifying scores before advancing to the next level.
 4. Rally rings will be at least 2000 x 3000 square feet with a minimum width of 30 feet.
 5. Unless otherwise noted, handler may speak to the dog, pat their leg, or clap their hands to encourage.
- Rally Novice Class (SF 50413)
 - 10-15 signs are used (not including start and finish). 3-7 of the signs must be “stationary” signs. Performed on leash.
 - Rally Intermediate Class (SF 50414)
 - 12-17 signs are used (not including start and finish). 3-7 of the signs must be “stationary” signs. At least 3 “advanced” signs. Performed on leash.
 - Rally Advanced Class (SF 50415)
 - 12-17 signs are used (not including start and finish). 3-7 of the signs must be “stationary” signs. At least 3 “advanced” signs. Dog must jump once. Performed off leash.
 - Rally Excellent Class (SF 50417)
 - 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.

ELECTRICITY

Show: Thursday, July 2, 2020, Richland County Fairgrounds

Electricity 1 (SF 50177)

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

Electricity 2 (SF 50178)

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

Electricity 3 (SF 50179)

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

Electricity 4 (not eligible for state fair)

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

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

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

Electricity Maker (SF 50400)

See Page 20 for details!!

ENTOMOLOGY GENERAL

Show: Thursday, July 2, 2020, Richland County Fairgrounds

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 Maker (SF 50400)

See page 20 for details!

ENTOMOLOGY BEEKEEPING

Show: Thursday, July 2, 2020, Richland County Fairgrounds

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

Beekeeping 1 (SF 50188)

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

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

Beekeeping 2 (SF 50189)

Exhibit one (1) of the following:

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

Beekeeping 3 (SF 50190)

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

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

Entomology Beekeeping Ready4Life Challenge (SF 50191)

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

See Page 20 for details!

Beekeeping Maker (SF 50400)

See Page 20 for details!

EXPLORATORY

Show: Thursday, July 2, 2020, Richland County Fairgrounds

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

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

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

COLLECTIBLES (not eligible for state fair)

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

FAMILY HERITAGE

Show: Thursday, July 2, 2020, Richland County Fairgrounds

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's own risk. 4-H is not responsible for loss or damage to family heirloom items or any items in this division. Displays should not be larger than 22" x 28" wide. If the size needs to be a different size because the historical item is larger than 22"x28" please contact the superintendents for approval.

Family Heritage Ready4Life Challenge (SF 50199)

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

Family Heritage Maker (SF 50400)

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

See page 20 for details!!

FOODS & NUTRITION

Show: Thursday, July 2, 2020, Richland County Fairgrounds

4-H Cooking 101 (SF 50200)

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

4-H Cooking 201 (SF 50201)

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

4-H Cooking 301 (SF 50202)

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

4-H Cooking 401 (SF 50203)

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

Food Science 1 (SF 50204)

Prepare a display, digital presentation, or poster on one of the food science experiments from the manual that you completed. Share 1) the food science question you investigated; 2) process used to conduct the experiment; 3) results and observations; 4) what you learned; and 5) how you have applied this information. You must

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

Food Science 2 (SF 50204)

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

Food Science 3 (SF 50204)

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

Food Science 4 (SF 50204)

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

Sports Nutrition (SF 50206)

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

Examples for Activity 1

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

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

Food Preservation (SF 50208)

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

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

All preserved products should be prepared and processed according to the current USDA/Extension information. USDA information on preserving food, including recipes, can be found at: www.homefoodpreservation.com 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, 2014.
- Green beans, pressure canner. July 13, 2014.
- Beef jerky, food dehydrator and oven. July 13, 2014.

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

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

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

Canning Equipment Requirements: All canned products must be canned in clear, standard jars in good condition

(no chips or cracks). Jars must be sealed using two-piece canning lids (flat lid and band). Must use a new, unused flat lid. Bands must not be rusty or severely worn.

Foods Innovation Class (SF 50211)

Open to youth enrolled in any Foods project.

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

Foods Nutrition Ready4Life Challenge (SF 50210)

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

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

Foods Maker (SF 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:

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

FORESTRY

Show: Thursday, July 2, 2020, Richland County Fairgrounds

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.

Forestry Maker (SF 50400)

See Page 20 for details!

GEOLOGY

Show: Thursday, July 2, 2020, Richland County Fairgrounds

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

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

Pebble Pups 1 (SF 50218)

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

Pebble Pups 2 (SF 50219)

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

Rock Hounds 1 (SF 50220)

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

Rock Hounds 2 (SF 50221)

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

Geology Innovation Class (SF 50222)

Open to youth enrolled in Geology.

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

Geology Ready4Life Challenge (50224)

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

See Page 20 for details!

Geology Maker (SF 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:

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

HEALTH

Show: Thursday, July 2, 2020, Richland County Fairgrounds

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 items is used for.

Health 2 (SF 50227)

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

Health 3 (SF 50228)

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

Health Innovation Class (SF 50229)

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

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

Health Ready4Life Challenge (SF 50231)

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

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

Health Maker (SF 50400)

See page 20 for details!

HORTICULTURE: FLORICULTURE

Show: Thursday, July 2, 2020, Richland County Fairgrounds

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:

- Create an artistic display of dried flowers explaining how each was dried; **OR**
- Create a photo collage or collection of pictures of plants from your theme garden. Label your plants by name and explain how the plants were chosen to fit the theme.

Floriculture C (SF 50194)

Exhibit one of the following options:

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

Floriculture D (SF 50195)

Exhibit one of the following options:

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

Floriculture Display (SF 50196)

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

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

Floriculture Ready4Life Challenge (SF 50198)

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

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

Floriculture Maker (SF 50400)

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

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

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

HORTICULTURE: VEGETABLE GARDENING

Show: Thursday, July 2, 2020, Richland County Fairgrounds

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

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)	Lettuce (1 head or plant)
Beans, Lima (12 pods)	Muskmelon incl. cantaloupe (1)
Beets (5)	Okra (12)
Broccoli (1 head)	Onions, large, dry (5)
Brussels sprouts (12 sprouts)	Onions, green or set (12)
Cabbage (1 head)	Parsnips (5)
Cauliflower (1 head)	Peas, (12 pods)
Carrots (5)	Peppers, large fruited (bell/banana) (5)
Cucumber, pickling or slicing (5)	Peppers, small fruited (chili/cherry) (12)
Eggplant (1)	Popcorn (5)
Garlic (5)	Potatoes (any variety) (5)
Kohlrabi (5)	Pumpkin (1)

Rhubarb, trimmed stalks (3)
Rutabaga (5)
Salsify (5)
Squash, summer (any variety) (3)
Sweet Corn, in husks (5)

Tomatoes, slicing (5)
Tomatoes, small fruited (12)
Turnip (5)
Watermelon (1)

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.

Vegetable Gardening Maker (SF 50400)

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

See page 20 for details!

INTERCULTURAL

Show: Thursday, July 2, 2020, Richland County Fairgrounds

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.

See page 20 for details!!

Intercultural Maker (SF 50400)

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

See page 20 for details!

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

Show: Thursday, July 2, 2020, Richland County Fairgrounds

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.

See page 20 for details!

Interior Design Maker (SF 50400)

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

See Page 20 for details!

LEADERSHIP

Show: Thursday, July 2, 2020, Richland County Fairgrounds

Leadership 1 (SF 50249)

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

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

Leadership 2 (SF 50250)

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

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

Leadership 3 (SF 50251)

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

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

Leadership Innovation Class (SF 50252)

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

See page 20 for details!

Leadership Ready4Life Challenge (SF 50255)

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

See page 20 for details!

Leadership Maker (SF 50400)

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

See page 20 for details!

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.

NATURE: NATURAL RESOURCES AND OUTDOOR ADVENTURES

Show: Thursday, July 2, 2020, Richland County Fairgrounds

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

Natural Resources 1 (SF 50256)

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

Natural Resources 2 (SF 50257)

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

Natural Resources 3 (SF 50258)

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

Outdoor Adventures 1: (SF 50259)

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

Outdoor Adventures 2 (SF 50259)

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

Outdoor Adventures 3 (SF 50259)

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

Natural Resources Ready4Life Challenge (SF 50267)

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

Show: Thursday, July 2, 2020, Richland County Fairgrounds

Sportfishing 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.

Sportfishing 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.

Sportfishing 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; sportfishing 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.

Natural Resources Maker (SF 50400)

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

See page 20 for details!

Exploring Your Environment 1 (not eligible for state fair)

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

Exploring Your Environment 2 (not eligible for state fair)

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

PHOTOGRAPHY

Show: Thursday, July 2, 2020, Richland County Fairgrounds

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

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

The exhibition size requirements for all photographs will be:

Minimum image size: 5X7

Maximum image size: 8X10

Maximum exhibit size (including frame): 18X20

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

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

Photography 1 (SF 50268)

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

Photography 2 (SF 50269)

Exhibit one of the options listed below:

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

technique you are demonstrating.

Photography 3 (SF 50270)

Exhibit one of the options listed below:

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

Photo Editing (SF 50271)

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

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

Photography Innovation Class: (SF 50272)

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

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

Photography Ready4Life Challenge (SF 50274)

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.

Photography Maker (SF 50400)

See page 20 for details!

PLANTS & SOILS

Show: Thursday, July 2, 2020, Richland County Fairgrounds

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. 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 environmental and internal factors that affect plant growth. 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.

Plants & Soils Maker (SF 50400)

See page 20 for details!

PUBLIC PRESENTATIONS

Show: Thursday, May 28, 2020, Richland County Extensions Office

Formal Speech | Self-written | Notes Allowed | No props | Individual | 4-8 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 (Original Oratory), or choose one of these four topics on which to speak (Topical Response):

- Welcome to the Digital Age
- What is My Connection to the Global Community?
- Power: Who Has It, Who Doesn't, and Does It Matter?
- If I Could See tomorrow...

Illustrated Speech | Self-written | Notes allowed | Illustrations Required | Individual | 4-8 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 | 4-8 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 | 4-8 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

ROBOTICS

Show: Thursday, July 2, 2020, Richland County Fairgrounds

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 under Innovation Open Source class.

Robotics 1: Beginning (not eligible for state fair)

Exhibitors should complete Activities 1-6. 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 Robotics Notebook to share what they learned about the engineering design process and programming.

Robotics 1: Intermediate (SF 50285)

Exhibitors should complete Activities 7-12. 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 Robotics Notebook to share what they learned about the engineering design process and programming.

Robotics 2 (SF 50286)

Exhibitors should complete Activities 1-7. Exhibitors will design, build and program a robot that uses sensors and programming to complete one of the provided challenges. They will bring their robot and Robotics Notebook to share changes they made to the robot and/or program along the way, and to describe their experience with completing the challenge.

Robotics Innovation Open Source Class (SF 50292)

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

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

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

Junk Drawer Robotics 1 (not eligible for state fair)

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

Junk Drawer Robotics 2 (SF 50288)

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

Junk Drawer Robotics 3 (SF 50289)

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

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

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

Robotics Maker (SF 50400)**Counties may submit 3 entries TOTAL combined from all Maker exhibit divisions.**

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

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

SHOOTING SPORTS

Show: Thursday, July 2, 2020, Richland County Fairgrounds

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

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

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

Shooting Sports: Archery (SF 50401)

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 (SF 50402)

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 (SF 50403)

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 (SF 50404)

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

Shooting Sports: Pistol (SF 50405)

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 50406)

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.

Shooting Sports Maker (SF 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:

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

SMALL ENGINES

Show: Thursday, July 2, 2020, Richland County Fairgrounds

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

Small Engines 1 (SF 50294)

Exhibit a display, selecting one of the following items:

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

Small Engines 2 (SF 50294)

Exhibit a display, selecting one of the following items:

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

Small Engines 3 (SF 50294)

Exhibit a display, selecting one of the following items:

- **Ignition System:** Identify the parts of the Ignition System and explain how magnetic energy is produced through the ignition system to ignite the spark plug; **OR**

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

Small Engines Ready4Life Challenge (SF 50297)

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 Engines Maker (SF 50400)

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

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

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

SMALL PETS

Show: Thursday, July 2, 2020, Richland County Fairgrounds

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 Pig Display (SF 50135)

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

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

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

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

Small Pets Maker (SF 50400)

See page 20 for details!

TECHNOLOGIES

Show: Thursday, July 2, 2020, Richland County Fairgrounds

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

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

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

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

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

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

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

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

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

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

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

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

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

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

See page 20 for details!

3-D Print & Design Maker (SF 50400)

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

See page 20 for details!

UNMANNED AERIAL VEHICLES/SYSTEMS (DRONES):

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

UAV Display (not eligible for State Fair)

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.

UAV Unmanned Aerial Systems (not eligible for State Fair)

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". 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 unless the weather permits, and flights have been approved by the local FAA/Air Traffic Control Tower. Attach the printed directions of the UAV if any were used.

UAV Ready4Life Challenge (not eligible for State Fair)

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

See page 20 for details!

UAV Maker (SF 50400)

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

See page 20 for details!

THEATRE ARTS

Show: Thursday, July 2, 2020, Richland County Fairgrounds.

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

See page 20 for details!

Theatre Arts Maker (SF 50400)

Open to youth in all projects. Counties may submit 3 entries TOTAL combined from all Maker exhibit divisions

See page 20 for details!

TRACTOR

Show: Thursday, July 2, 2020, Richland County Fairgrounds

Tractor A (SF 50306)

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

Tractor B (SF 50307)

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

Tractor C (SF 50308)

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

Tractor D (SF 50309)

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

Tractor Innovation Class (SF 50310)

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

See page 20 for details!

Tractor Ready4Life Challenge (SF 50312)

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

See page 20 for details!

Tractor Maker (SF 50400)

See page 20 for details!

TRACTOR DRIVING

Show: Thursday, July 2, 2020, Richland County Fairgrounds

Exhibit Requirements: Must be enrolled in the Tractor Project and must class on the Fair Entry Form. Information for Tractor Driving Contest will be mailed out prior to the contest to those who enroll in the contest on the Fair Entry Form.

Tractor Driving

- Senior – 14 and older as of January 1, 2020
- Junior – 13 and younger as of January 1, 2020
- Lawn Mower – Those in the Jr. Group who do not feel comfortable on a larger tractor may enter the lawn mower division

Note: You may enter only one division. Senior & Junior division participants will be required to take a written test, do parts identification, and be able to complete both the four-wheel and the two-wheel courses. Junior Division participants who wish to compete in the Lawn Mower section will be asked to complete the two-wheel course and be graded on the safe-operation checklist only.

VETERINARY SCIENCE

Show: Thursday, July 2, 2020, Richland County Fairgrounds

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

See page 20 for details!

Vet Science Maker (SF 50400)

See page 20 for details!

VIDEO/FILMMAKING

Show: Thursday, July 2, 2020, Richland County Fairgrounds

All Exhibitors must bring their video to be judged on a USB flash drive and saved in .MP4 format.

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

Requirements that apply to ALL video classes:

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

Commercial or Promotional Video (SF 50324)

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

Animated Video (SF 50325)

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

Documentary (SF 50326)

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

Short Story or Short Narrative (SF 50327)

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

Video/Filmmaking Innovation Class (SF 50328)

Open to youth enrolled in Video/Filmmaking

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

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

Video/Film Ready4Life Challenge (SF 50330)

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

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

Video Maker (SF 50400)

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

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

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

VISUAL ARTS

Show: Thursday, July 2, 2020, Richland County Fairgrounds

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, use the concept and create something different using the concept; however, if it MUST NOT look exactly like something the judge can search for and find on Pinterest. The exhibit must combine parts of different patterns and/or ideas with the concepts of the member, however changing the color or changing the size of the item or pattern used does NOT make it original. If you create a replica of what you see somewhere else, it is not your original design. If a photo, sketch, or other idea source was used, submit it with your entry, firmly attached to your exhibit. Be prepared to explain how and where you got the idea for this project.

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

Visual Arts Food 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 Decorating Intermediate (SF 50333)

Exhibit one of the following:

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

Visual Arts Food Decorating Advanced (SF 50334)

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

Visual Arts Food Decorating Master (SF 50335)

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

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, 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 hand, it does not require protective covering, nor does it need to be prepared to hang.

Visual Arts Fiber: (SF 50339)

Any original item made of fiber. Examples are quilts, fabric collage, soft sculpture, stitchery, weaving, embroidery, cross-stitch, wearable art, hooking, braiding, duct tape artistry, 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. Steppingstones 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 openwork), macramé, baskets, candles, pysanki (decorated eggs), leather, quilts, baskets (made using a traditional pattern), traditional handmade dolls with handmade costumes, 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 techniques.

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

Visual Arts Scrapbooking, Intermediate: (SF 50346)

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

Visual Arts Scrapbooking, Advanced: (SF 50347)

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

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

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

Visual Arts Wood: (SF 50349)

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

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

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

Visual Arts Maker (SF 50400)**Counties may submit 3 entries TOTAL combined from all Maker exhibit divisions.**

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

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

WEATHER

Show: Thursday, July 2, 2020, Richland County Fairgrounds

Weather and Climate Science I (SF 50392)

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

Weather and Climate Science 2 (SF 50393)

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

Weather and Climate Science 3 (SF 50394)

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

Weather Ready4Life Challenge (SF 50395)

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

See page 20 for details!

Weather Maker (SF 50400)

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

See page 20 for details!

WELDING

Show: Thursday, July 2, 2020, Richland County Fairgrounds

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.

Welding Maker (SF 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:

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

WOODWORKING

Show: Thursday, July 2, 2020, Richland County Fairgrounds

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.

Woodworking Maker (SF 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:

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

GENERAL RULES AND REGULATIONS

FOR RICHLAND COUNTY

4-H LIVESTOCK SHOWS

4-H MEMBER REQUIREMENTS AND ELIGIBILITY

- Each exhibitor in the Richland County 4-H Shows must be officially enrolled in a Richland County 4-H Club in current 4-H Year.**
- All members must be enrolled in 4-H and in a minimum of one project by March 1 of current 4-H year to be eligible to show at the 4-H Show.
Members enrolling in livestock project(s) (exclusive of dogs, cats or other small pets) must enroll before January 1 of current 4-H year. This enrollment date must be met in order for youth to sell an animal at the Youth Auction during the Richland County 4-H Fair. Failure to meet this January 1 deadline will enable the youth to exhibit the animal at the 4-H Shows but will make them ineligible for selling at the Youth Auction. Anyone enrolled in a livestock project after the January 1, 2020 deadline may exhibit in the shows but cannot sell an animal in the auction.

New members may join a club and be eligible to show projects at the Richland County 4-H Shows until March 1 of the current 4-H year (**except livestock projects**).
- A youth that enrolls in a 4-H club/group **must** attend 2/3 of their club's meetings from time club reorganized for current year, or if a first year member, 2/3 after joining, Have given a talk or demonstration and have records up-to-date in order for youth to take part in any 4-H exhibitions (which includes the Illinois State Fair – Livestock and General Projects), receive 4-H premiums, or other 4-H awards and recognitions, he or she must meet the requirements of this attendance policy.
The 4-H Club Leader will verify the meeting attendance of each 4-H member to the Extension Office by July 1.

Illinois State Fair – all 4-H'er age 8-18 as of September 1, current 4-H year.
Livestock Projects –4-H members must have conducted a "supervised" 4-H or FFA program with records kept therein. The club leader is the "supervisor" and must be aware of what each 4-H member is doing with their project.
General Projects - Entries for the non-livestock classes are limited to those 4-H members who were selected by a judge to exhibit from their county 4-H show. An individual 4-Her may enter only one exhibit class in the 4-H exhibit division.
- All classes in the 4-H show will be judged by the Danish method, and placed A, B, and C, according to the quality of the exhibit. Only animals receiving A ratings will be shown in the championship classes.
- Members may enter no more than ONE entry per class.
- The County 4-H show superintendents will "draw lots" for pen locations of all livestock exhibits and these assignments will be placed on the pens or stalls. This will include rabbits & poultry. No animals can be placed in the barns until pen/stall assignments have been made.
- All livestock exhibitors (except dogs, cats and horses) will be eligible to be considered for the Herdsmanship Award. Care of animal(s) and cleaning of pen(s), stall(s) must be done primarily by 4-H member, not parents.

8. Any 4-H member not conducting himself or herself in a gentlemanly or ladylike manner on the fairgrounds may be expelled from the show and forfeit all premiums won. Please wear appropriate attire (no tube tops, tank tops, halter tops, shorts, cutout shirts, etc.) during all shows. Boots are recommended. Proper dress is an especially important part of showmanship classes.
9. No commercial advertising will be allowed anywhere in the 4-H Barns.
10. **Only 4-H Livestock that were sold at auction are released after the auction. All other livestock must remain in place until Friday July 10th at 3:00PM.** For all livestock shown in the Junior Show see the County Fair show book for release date/time. Horses, cats and dogs are not kept at the fairgrounds and are released after their shows.

Note: Those showing animals at the county level but who wish to be considered for State Fair in an animal project without taking their animal, may prepare a display as described under General Projects – Animal Science –Animal-less Projects. See page 21 for more details.

ENTRIES

5. **Entry Deadlines** – All entries must be received by the Extension Office by deadline dates. Anyone not submitting an entry form by this time will not be allowed to exhibit. The entry form requires the signature of 4-H member and parent.
June 1, 2020– Beef, Dairy, Goat, Horse, Sheep, Swine, Poultry, Rabbits
6. **Entry Forms** –All 4-H exhibitors (livestock and general projects) must submit an entry form.
7. **Entry Fees** – No entry fee or stall rent will be charged for the 4-H Show. However, no free gate pass will be issued and the member might need to purchase such a pass if they are not entered in the Junior Show.
8. **Entry Rules** – Entries may be made only in project areas in which the 4-H member is enrolled in. All entries must be the current work of the member making the exhibit or entry.

JUDGING and PROTESTS

5. All exhibitors, leaders, and parents are expected to show respect and courtesy to judges. Violations may result in disqualifying the exhibitor. Qualified judges will judge all exhibits. Decision of the judge is final.
6. Extension Staff can make any changes to classes, weights, etc as they deem necessary. Regarding a question concerning interpretation of the rules and regulations, the Extension Staff will make the decision.
7. Additional classes to coincide with the project enrollment may be made at the discretion of the County Extension Staff. The 4-H Show Day Rules book of suggested exhibits will be followed in making additional classes.
8. If anyone contests any classification or regulation, they must bring it before the attention of the **Extension Staff** for consideration **BEFORE** the show begins.

Livestock Premises Identification Number:

A Premises ID Number is not required for entry of any animal for the 2020 Richland County 4-H and Junior show.

Quality Assurance and Ethics Training: (Beef, Swine, Sheep, Dairy, Goat, Horse, Rabbits, Poultry, Cats, & Dogs)

All First year animal members are required to participate in Livestock Quality Assurance and Ethics training via the web in order to be eligible to participate in the Richland County 4-H Shows and the Illinois State Fair. The website address is as follows: <http://gaec.extension.uiuc.edu>.

Youth Quality Care of Animals (YQCA): Beef, Swine, Dairy, Goats, and Sheep

Exhibitors in the five areas must complete the training either in person or online to be able to show/sell at the 2020 Richland County Livestock Auction and the Illinois State Fair. The website is <https://yqca.learnrow.io/Account/Login>.

Health Requirements

Exhibitors are required to familiarize themselves with all rules to their exhibits. If any questions, contact the Richland County Extension Office or Call the Illinois Department of Agriculture, Bureau of Animal Health and Welfare at 217-782-4944. It is the responsibility of the exhibitor to make sure these requirements are met. All exhibitors will need to make their own arrangements for testing.

Livestock Rules

1. All animals must be exhibited in the judging ring by the 4-H member (owner). Extension Staff can grant special permission for another Richland County 4-H exhibitor to show the animal if the exhibitor becomes ill while at the fair, multiple show time, or has a special academic function that is approved by Extension Staff. No one but the exhibitor, superintendent, ring men, and judge will be permitted in the ring while the show is in progress.
2. Exhibitor's showing animals in purebred breeding class must be purebred and should be registered with their respective breed associations. Copies of registration papers should be turned in by Identification Deadline date (Horse). Exhibitors must have the original registration certificate on each animal available for inspection at the show if the Extension Staff calls for them.
3. All livestock and poultry entries must comply with the health requirements set up by the Department of Agriculture, Bureau of Animal Health.
4. 4-H exhibitors are not required to stay at the fair with their project, but they must adequately care for their projects. Each 4-H'er must furnish feed, bedding and equipment. The Extension Office does not assume liability for loss, theft or damage to any exhibit. If members feel they must stay, only those with livestock exhibits can do so.
5. No exhibit will be released until the stall or pen is cleaned.
6. All exhibitors participating in the Rate of Gain competition must present their animal in the Rate of Gain show ring in the presence of a judge to be eligible for payment.
7. In purebred classes, animals must be registered in the name of the 4-H member. In cases of partnership, registration papers and a copy of the partnership or joint agreement must be shown. Registration papers may be checked at the Fair before an animal is shown.
8. Any time this project is at a professional fitter's for more than one day's duration is cause for disqualification.
9. Preparation and grooming of animals at the fair is to be done by the 4-H member with help from
 - a. Other 4-Hers and limited adult intervention. Most preparation should be done before show day.
 - b. Professional help is not allowed anytime during the 4-H shows.

Livestock Starting Dates

All animals must be the property of the 4-H member exhibiting them by the ownership (starting) date. Penalty for falsification will result in banning the member from competition in any class at the show for the current year.

Beef	Market Animals – Steers – January 1, 2020 Breeding Heifers – April 1, 2020 Bucket Calf – May 1, 2020
Swine	Market and Breeding – April 1, 2020
Sheep	Breeding Sheep – January 1, 2020 Ewe Lambs, Market Lambs – May 15, 2020
Dairy	Dairy Cows – January 1, 2020 Dairy Steer – January 1, 2020 Breeding Heifers – April 1, 2020
Horse	April 1, 2020
Goats	Milking Goats – January 1, 2020 Market Goats – April 1, 2020 Novelty Goats – April 1, 2020
Poultry	All birds and Fowl – June 1, 2020
Rabbits	Breeding Does and Bucks – June 1, 2020 Market Meat Rabbit – June 1, 2020

Showmanship

Showmanship classes will be offered in the following species:

Beef Swine Sheep Dairy Goat Horse Poultry Rabbit

Judging of Showmanship classes will be based on:

- Showing and appearance of animal (45%)
- Dress of Exhibitor (10%)
- Equipment in show ring (5%)
- Knowledge of specie (20%)
- Courtesy to judge and other exhibitors (20%)

No boars, bulls, rams, or bucks are allowed in the showmanship classes.

Classes: Junior Showmanship -- 13 years of age and under as of September 1 of current 4-H year.

Senior Showmanship -- 14 and over as of September 1 of current 4-H year.

Overall Showmanship Contest – Junior and Senior Division

When: Thursday, July 11th at 8:30 AM

Participants are: Junior and Senior Grand Champion Show Person of the following species:

Beef, Sheep, Swine, Goat, Dairy and Horse

Livestock Used for Show:

Contestants will contact various exhibitors for permission to use their animal.

Animals should be gentle.

Animals should be clean, but no extensive grooming to be done. Owners of animals will stay close to insure safety of the animal, equipment and spectators and to return animal to stall after contest.

Owner or superintendent is NOT to assist contestants.

Optional: Overall Senior Showmanship Winner may participate in the Master Showmanship Contest at the Illinois State Fair 2 years in a row. The exhibitor must be fourteen years of age or older at the time of the state event.

Livestock Auction

Any Richland County 4-H member may offer their animal for sale to the public at the Youth Auction held Thursday during the 4-H Fair. Participation in the auction is a privilege once the requirements and eligibility are met. Any Sale at the Youth Auction is final.

Animal species include Beef, Goat, Swine, Sheep, Poultry, and Rabbit.

The following rules apply:

1. Each 4-H member may sell one animal of any species, but the animal must be of market age and weight for their species (except rabbits, poultry and goats).
2. There will be no reserves or buy backs on animals which go through the auction. If the animal is signed up to sell and goes through the sale ring, it is sold.
3. Buyer has the FIRST right to keep the animal if he/she so desires. Exhibitor must give up the animal if it is sold at the auction. Buyer has the right to say if he/she keeps or returns the animal to the exhibitor. If the exhibitor wants to keep the animal for their own use or to continue to show their animal at other county fairs or State Fair, then it would be best not to sell at the auction.
4. All animals must belong to the 4-H member who is selling it. They must also have been cared for and must be carried as a project by the member selling it in the current 4-H year.
5. 4-H member owning the animal must be present and, in the ring, showing the animal at the Youth Auction. Only special permission will be granted by Extension Staff to be excused from walking animal for Auction. It is extremely important to move the sale along as rapidly as possible. Thus, you can help by being ready and being in position (in order on the sale bill) for your turn.
6. Please dress appropriately when entering the show ring with animal at the auction. This includes no overly large cut out sleeves, no shorts of any kind, halter, tube or tank tops. Wearing boots is recommended.
7. Animals must have been judged and received a rating of "Blue" or "Red" before they are eligible to sell.
8. The 4-H member is responsible for hauling/trucking their animal (s) to market OR to the buyer's desired location, e.g. meat processing plant. Extension/ 4-H will NOT provide a truck for taking animals to market after the auction. Some buyers of rabbits, goats and poultry do not wish to keep the animal – some do. The exhibitor must find this out from the buyer.
9. Sale Order will be:
2020 – Swine, Beef, Sheep, Goat, Rabbit, Poultry
The individual animal sale order will be determined by draw from a hat, except for champions. In swine and beef, we will sell about ½ of the animals and then sell the champions.
10. An Auction Fee will be assessed for selling the animal and will be deducted from payment to 4-H member. The fee will be as follows: beef \$30; swine \$15; goats, poultry, rabbits, sheep \$10. This will be used for buyer recognition, such as newspaper ads, pictures, etc.
11. Auction Checks will not be available until all payments have been received from all the buyers and the sale balanced. Checks will be mailed as soon as the sale is balanced, and payment is received from the buyers.
12. Pictures will be taken of each exhibitor and animal for the sale of that animal. This will be done in the ring in a holding area and must be done quickly since there will be little time between selling animals.
13. Livestock Auction Weight Requirements:

- Dairy/Beef – All market dairy and beef weighing more than 1400 pounds will be sold at 1400 regardless of what they weigh.
- Swine – All market hogs must weigh at least 190 pounds. However, all market hogs weighing more than 290 pounds will be sold as 290 regardless of what they weigh
- Sheep – NO minimum market weight
- Rabbits, Poultry, Goats – They will not be weighed. Therefore, no weight requirements apply.

Beef (BITE INTO BEEF, HERE'S THE BEEF, LEADING THE CHARGE)

Starting Dates: All Animals must be the property of the member exhibiting them and will be subject to identifying check. Penalty for falsification will result in banning the member from competition in any class at the show for the current year. 4-H officials reserve the right to spot check and verify ownership of animals by required ownership date.

Animals must have been the exhibitor's property by the following dates:

Market Animals – Steers -- January 1, 2020

Breeding Heifers – April 1, 2020

Bull Calf – April 1, 2020

Bucket Calf – May 1, 2020

Identification: All market animals must be weighed and tattooed during a designated date set by the Extension Office to be eligible to show, regardless of showing in Rate of Gain class or not.

Beef cows, heifers and calves shown in the purebred class must be purebred and registered. Purebred animals must be registered in the name of the 4-H member. In case of partnerships, registration papers and a copy of the partnership or joint agreement must be shown. Registration papers may be checked at the 4-H Show before an animal is shown.

Entry Deadline: June 1, 2020

Entries must be made to the Extension office.

Class/Entry Limit: One entry per class.

Age of Exhibitor: Any eligible 4-Her can show in beef classes regardless of 4-H age (8-18). Bucket calf is limited to your 1st two years in the beef project and can only show in the additional classes of Jr. Yearling Heifer Calf, Jr. Heifer Calf or Bull Calf.

Livestock Premises Identification Number: A Premises ID Number is not required for entry of any animal for the 2020 Richland County 4-H show.

Quality Assurance and Ethics Training: First year members are required to participate in Livestock Quality Assurance and Ethics training via the web. The website address is as follows:

<http://web.extension.uiuc.edu/qaec/>

Youth Quality Care of Animals:

Exhibitors in the five areas must complete the training either in person or online to be able to show/sell at the 2020 Richland County Livestock Auction and the Illinois State Fair. The website is

<https://yqca.learnrow.io/Account/Login>.

Junior Livestock Exhibits at the Illinois State Fair: All State Fair Premium Books and livestock entry forms will ONLY be available via the State Fair web site: www.Illinoisstatefair.info

- STATE FAIR ENTRIES ARE DUE BY JULY 1 at Springfield, IL.
- Entry Forms does require Extension Staff signature.

The following rules apply to all beef classes:

1. All animals should be broke to lead. Extension Staff reserves the right to dismiss any animal disrupting the class from the show.
2. All animals must comply with general health and eligibility rules.
3. All animals must meet state fair breed eligibility requirements.
4. All animals must comply with Richland County Livestock Show Policies and Health Regulations starting on page 120.

Beef Market Show:

1. Animals must have been born after January 1, 2019.
2. Animals must have been the exhibitor's property by January 1, 2020, and weighed and identified at a designated time & place set by the local extension office.
3. All steers should be dehorned. Any steer deemed hazardous will not be allowed to show.
4. No steer can be shown, regardless of birth date that does not have all its milk teeth in place.
5. Market animal classes will be determined by weight. Market beef will be weighed in on Monday morning and divided into weight classes. Market steers should meet ideal weights.
6. The first place animal of each weight class will show for Grand Champion Market Animal Overall.

Market: Born After January 1, 2019

Market Steer - classes will be divided by weight

Rate of Gain (Market) - all exhibitors participating in this class must present their animals in the show ring in the presence of the judge to be eligible for payment.

REQUIREMENTS:

1. **ENTRY** - Each exhibitor will be allowed to enter one market animal in the Rate of Gain Contest. A market animal entered in this class may also be the entry for the regular market show.
2. **WEIGHING** - All market animals will be weighed during a designated date set by the Extension Office for Beef. Extension Staff and Livestock Committee members will do the weighing. Final weigh-ins will be made Monday of the fair.
3. **IDENTIFICATION** -- All market animals in this program will be tattooed and/or ear tagged at the weigh in date designated by the Extension Office.

Showmanship:

Junior Showmanship – 13 and under as of September 1, 2019

Senior Showmanship – 14 and over as of September 1, 2019

Bucket Calf: Starting Date – May 1, 2020.

1. Calf should be at least 60 days old but not born before January 1 of current year.
2. Calf should have been selected within two weeks of birth.
3. Bucket calf is not to be shown in any class except bucket calf (including beef showmanship).
4. Calf will not sell at auction.
5. Member may only show one bucket calf – beef or dairy.
6. All bucket calves must be tied up in the designated area with all other bucket calf entries.
7. Bucket Calf cannot still be nursing off its mom.

Judging Requirements for Bucket Calf:

1. A report written on page 11 of project book.
2. Bucket Calf – conference judging will be used, with the ranking based on the report, interview, showmanship (how the animal has been prepared for show), and the animal itself (based on grooming and general appearance, not beef quality).
3. Will be divided into 2 age divisions of the exhibitor: ages 8-11 and ages 12 and up.

Beef Breeding Show

1. Breeding Classes will compete by age only, with no regards to breeds.
2. Registered heifers and bull calf must be identified with an ear tattoo that is recorded and matches the tattoo number on the registration papers. Animals will be shown according to their birth date that is recorded on the registration papers.
3. The first-place animal of each breed class will show for Grand Champion Heifer Overall.

BEEF CLASSES:

Purebred:

Purebred Bull Calf, Born 01/01/2020 and after
Purebred Junior Heifer Calf, Born 01/01/2020 and after
Purebred Senior Heifer Calf, Born 07/01/2019-- 12/31/2019
Purebred Junior Yearling Heifer, Born 01/01/2019 – 06/30/2019
Purebred Senior Yearling Heifer, Born 07/01/2018 -- 12/31/2018
Purebred Cow – Born Before June 30, 2018

Grade:

Grade Bull Calf, Born 01/01/2020 and after
Grade Junior Heifer Calf, Born 01/01/2020 and after
Grade Senior Heifer Calf, Born 07/01/2019 -- 12/31/2019
Grade Junior Yearling Heifer, Born 01/01/2019 – 06/30/2019
Grade Senior Yearling Heifer, Born 07/01/2018 -- 12/31/2018
Grade Cow – Born Before June 30, 2018

4-H Beef Show Order

- Market Classes
- Rate of Gain Class
- Showmanship Classes
- Bucket Calf
- Beef Breeding Classes

Dairy

(Cowabunga!, Moooving Ahead, Rising to the Top)

Starting Dates: All Animals must be the property of the member exhibiting them and will be subject to identifying check. Penalty for falsification will result in banning the member from competition in any class at the show for the current year.

Animals must have been the exhibitor's property by the following dates:

Market Animal – Steers -- January 1, 2020

Breeding Heifers – April 1, 2020

Bucket Calf – May 1, 2020

Identification of Dairy Animals:

All market animals must be weighed and tattooed during a designated date set by the Extension Office, to be eligible to show, whether selling in auction or not.

Dairy cows, heifers and calves shown in the purebred class must be purebred and registered. Purebred animals must be registered in the name of the 4-H member. In case of partnerships, registration papers and a copy of the partnership or joint agreement must be shown. Registration papers may be checked at the 4-H Show before an animal is shown.

Entry Deadline: June 1, 2020

Entries must be made to the Extension office.

Class/Entry Limit: One entry per class.

Age of Exhibitor: Any eligible 4-Her can show in dairy classes regardless of 4-H age (8-18). Bucket calf is limited to your 1st two years in the dairy project and can only show in the additional class of Jr. Heifer Calf/Bull Calf.

Livestock Premises Identification Number:

A Premises ID Number is not required for entry of any animal for the 2019 Richland County 4-H show.

Quality Assurance and Ethics Training:

First year members are required to participate in Livestock Quality Assurance and Ethics training via the web. The website address is a follow: <http://web.extension.uiuc.edu/qaec/>.

Youth Quality Care of Animals:

Exhibitors in the five areas must complete the training either in person or online to be able to show/sell at the 2020 Richland County Livestock Auction and the Illinois State Fair. The website is <https://yqca.learnrow.io/Account/Login>.

The following rules apply to all Dairy classes:

1. All animals should be broke to lead. Extension Staff reserves the right to dismiss any animal disrupting the class from the show.
2. All animals must comply with general health and eligibility rules.
3. All animals must meet state fair breed eligibility requirements.
4. All animals must comply with Richland County Livestock Show Policies and Health Regulations starting on page 120.

Dairy Market Show

1. Animals must have been born after January 1, 2019.
2. Animals must have been the exhibitor's property by January 1, 2020, and weighed, identified and/or tattooed at a designated time and place set by the extension office.
3. All steers should be dehorned. Any steer deemed hazardous will not be allowed to show.
4. No steer can be shown, regardless of birth date that does not have all its milk teeth in place.

Rate of Gain (Steer) - all exhibitors participating in this class must present their animals in the show ring in the presence of the judge to be eligible for payment.

REQUIREMENTS:

1. **ENTRY** - Each exhibitor will be allowed to enter one market animal in the Rate of Gain Contest. A market animal entered in this class may also be the entry for the regular market show.
2. **WEIGHING** - All market animals will be weighed during a designated date set by the Extension Office for Dairy. Extension Staff and Livestock Committee members will do the weighing. Final weigh-ins will be made Monday.

IDENTIFICATION -- All market animals in this program will be tattooed and/or ear tagged at the weigh in date designated by the Extension Office

Dairy Breeding Show

1. Purebred animals must be registered.
2. Grade classes – animals may be crossbred, unregistered purebred or mixed.
3. Animals must be shown according to their birth date.
4. The first-place animal of each breed class will show for Grand Champion Female.

DAIRY CLASSES:

Purebred:

Purebred Junior Heifer Calf/Bull Calf, 6 months and younger, Born after 01/01/2020

Purebred Senior Heifer Calf, Born 07/01/2019 to 12/31/2019

Purebred Heifer over 1 year but under 2-year-old, Born after 07/01/2018 but before 07/01/2019

Purebred Cow over 2-year-old, Born before 07/01/2018

Grade:

Grade Junior Heifer Calf/Bull Calf, 6 months and younger, Born after 01/01/2020

Grade Senior Heifer Calf, Born 07/01/2019 to 12/31/2019

Grade Heifer over 1 year but under 2-year-old, Born after 07/01/2018 but before 07/01/2019

Grade Cow over 2 years old, Born before 07/01/2018

Market: Born After January 1, 2019

Market Steer - classes will be divided by weight

Showmanship:

Junior Showmanship – 13 and under as of September 1, 2019

Senior Showmanship – 14 and over as of September 1, 2019

Bucket Calf: Starting Date – May 1, 2020

- a. Calf should be at least 60 days old but not born before January 1 of current year.
- b. Calf should have been selected within two weeks of birth.
- c. Bucket calf is not to be shown in any class except bucket calf (including beef showmanship).
- d. Calf will not sell at auction.
- e. Member may only show one bucket calf – beef or dairy.

Judging Requirements for Bucket Calf:

1. A report written on page 11 of project book.
2. Bucket Calf – conference judging will be used, with the ranking based on the report, interview, showmanship (how the animal has been prepared for show), and the animal itself (based on grooming and general appearance, not beef quality).
3. Will be divided into 2 age divisions of the exhibitor: ages 8-11 and ages 12 and up.

Goats

(Dairy Goat – Getting your Goat, Dairy Goat – Stepping Out, Dairy Goat – Showing the Way, Meat Goat – Just Browsing, Meat Goat – Get Growing With, Meat Goat – Meating The Future)

Starting Dates: All Animals must be the property of the member exhibiting them and will be subject to identifying check. Penalty for falsification will result in banning the member from competition in any class at the show for the current year.

Animals must have been the exhibitor's property by the following dates:

Market Animals – April 1, 2020

Milking Animals – January 1, 2020

Novelty Goats – April 1, 2020

Identification of Goat Animals:

Purebred animals must be registered in the name of the 4-H member. In case of partnerships, registration papers and a copy of the partnership or joint agreement must be shown. Registration papers may be checked at the 4-H Show before an animal is shown.

Entry Deadline: June 1, 2020

Entries must be made to the Extension office.

Class/Entry Limit: One entry per class.

Livestock Premises Identification Number: A Premises ID Number is not required for entry of any animal for the 2019 Richland County 4-H show.

Quality Assurance and Ethics Training:

First year members are required to participate in Livestock Quality Assurance and Ethics training via the web <http://web.extension.uiuc.edu/qaec/>

Youth Quality Care of Animals:

Exhibitors in the five areas must complete the training either in person or online to be able to show/sell at the 2020 Richland County Livestock Auction and the Illinois State Fair. The website is <https://yqca.learnrow.io/Account/Login>.

The following rules apply to all Goat classes:

1. All animals must comply with general health and eligibility rules.
2. All animals must meet state fair breed eligibility requirements.
3. All animals must comply with Richland County Livestock Show Policies and Health Regulations starting on page 120.
4. Age requirements are listed with class descriptions.
5. Animals with active fungus and/or sore mouth will be disqualified and removed from the fair grounds.
6. Wethers must be castrated at least 60 days before the show.

CLASSES:

Milking Goats Kid born after Jan 1 of this year Kid born July 1 to December 31 last year Yearling not in Milk Milking Doe	Meat Goats Kid born after Jan 1 of this year (buck, wether or doe) Kid born July 1 to December 31 (buck, wether or doe) Yearling Female Doe – over 2 years
Novelty Goats Kid born after Jan 1 of this year (buck, wether or doe) Kid born July 1 to December 31 (buck, wether or doe) Yearling Female Doe – over 2 years	Wether Class Born after November 1, 2019 (Any Breed) Over 45 lbs Under 44 lbs
Showmanship: Junior Showmanship – 13 and under as of September 1, 2019 Senior Showmanship – 14 and over as of September 1, 2019	

Horse and Pony

(Giddy and Go, Head, Heart & Hooves, Stable Relationships, Riding the Range, Jumping to New Heights)

Starting Dates: All animals must be in exhibitor's care by April 1, 2020.

Identification of Horse Animals:

Richland County 4-H Certificate of Ownership and/or lease papers for all animals that the 4-H member plans to exhibit at the Richland County 4-H Shows must be placed on file at the Richland County Extension Office by May 1, 2020. In addition to the ownership/lease papers, two photos (one of each side) of the animals will be mandatory for all horse and ponies, grade and registered animals. **THESE ARE NOT KEPT FROM YEAR TO YEAR. New Papers need to be filed each year even if you have the same horse.**

Identification Deadline: May 1, 2020

Entry Deadline: June 1, 2020

Entries must be made to the Extension Office.

Class/Entry Limit: One entry per class.

Livestock Premises Identification Number:

A Premises ID Number is not required for entry of any animal for the 2020 Richland County 4-H show.

Quality Assurance and Ethics Training:

First year members are required to participate in Livestock Quality Assurance and Ethics training via the website address is as follows: <http://web.extension.uiuc.edu/qaec/>.

4-H Horse Show

The following rules apply to all horse classes:

1. Cannot share animals with siblings. Animals may be owned by immediate family member or may be leased.
2. **Exhibitors must have current negative Coggin's Test for each animal conducted within one year of show date, paper to be turned in to the Extension Office no later than May 1, 2020. Papers will be checked by veterinarian.**
3. 4-H Show will be conducted according to the standards as stated in the "Guidelines for 4-H Horse Shows in Illinois".

ALL MOUNTED RIDERS ARE REQUIRED TO WEAR A HELMET.

WESTERN WEAR WITH LONG SLEEVED SHIRT IS RECOMMENDED FOR THE SHOW.

4-H HORSE SHOW CLASSES:

Senior - Level I – 14 years of age and older as of January 1, 2020

Junior – Level II – 13 years of age and under as of January 1, 2020

Horse/Pony at Halter -- Open to all ages

Junior Showmanship

Senior Showmanship

Junior Walk/Trot

Senior Walk/Trot

Junior Trail Class

Senior Trail Class

Junior Catalog Race

Senior Catalog Race

Junior Barrel Race

Senior Barrel Race

Horse and Pony STATE FAIR RULES: - Illinois State Fair Horse Show -

By May 1 of the exhibit year, exhibitors must place on file at the local extension office, copies of ownership and/or lease papers for all animals that the member plans to exhibit at the State Junior Horse Show. In addition to the ownership/lease papers, two photos (one of each side) of the animals will be mandatory for all horse and ponies, grade and registered animals.

Copies of ownership and/or lease papers and one set of the photos will be forwarded to the Illinois State Fair by May 15.

Poultry

(SCRATCHING THE SURFACE, TESTING YOUR WINGS, FLOCKING TOGETHER)

Starting Dates: All Animals must be the property of the member exhibiting them and will be subject to identifying check. Penalty for falsification will result in banning the member from competition in any class at the show for the current year. Animals must have been the exhibitor's property by the following dates: All Birds/Fowl -- June 1, 2020

Entry Deadline: June 1, 2020

Entries must be made by the Extension office.

Class/Entry Limit: One entry per class.

Quality Assurance and Ethics Training: First year members are required to participate in Livestock Quality Assurance and Ethics training via the web. The website address is as follows:

<http://web.extension.uiuc.edu/qaec/>.

Livestock Premises Identification Number: A Premises ID Number is not required for entry of any animal for the 2020 Richland County 4-H show.

The following rules apply to all Poultry classes:

1. All animals must comply with general health and eligibility rules.
2. All animals must meet state fair breed eligibility requirements.
3. All animals must comply with Richland County Livestock Show Policies & Health Regulations starting on page 120.
4. Bedding, feed and water containers must be furnished by the exhibitor. Each exhibitor is responsible for keeping area around pens clean

Chicken Classes	<ol style="list-style-type: none"> 1. Pens will be furnished for all poultry exhibits. 2. Each exhibitor will be limited to a maximum of 5 chickens. 3. A pen of chickens can be any two (2) chickens (ex. 1 cockerel and 1 pullet; 2 pullets or 2 cockerels). 4. A meat pen of chickens will consist of two (2) 7-10 week old chickens (2 pullets OR 2 cockerel OR 1 pullet & 1 cockerel) 5. One bird from any class may be sold at the auction. 6. Exhibits must remain in place all week. They will be released Friday afternoon with the Junior Show UNLESS your animal was sold at auction – it will be released to the buyer after the auction. <ul style="list-style-type: none"> ● Pen of Chickens – less than one (1) year old as of date of show ● Chickens – Pullets – less than one (1) year old as of date of show ● Chickens – cockerel – less than one (1) year old as of date of show ● Meat Class – Must be 7 to 10 weeks old ● Egg Production – 1 dozen eggs – brown, white or colored – brought directly to the Poultry show to be judged (this is for 4-H ONLY, does not apply to Junior Show).
Other Domestic Fowl Classes (Ducks, Guineas, Geese, Turkeys)	<ol style="list-style-type: none"> 1. All fowl must have been regular 4-H project during current 4-H year. 2. Pens will be furnished for all poultry exhibits. 3. Each exhibitor will be limited to a maximum of 4 fowl. 4. One fowl from any class may be sold at the auction. 5. Exhibits must remain in place until Friday at 3:00 p.m.. <ul style="list-style-type: none"> ● Male - less than one (1) year old as of date of show ● Female - less than one (1) year old as of date of show
Showmanship	<p>Junior Showmanship – 13 and under as of September 1, 2019</p> <p>Senior Showmanship – 14 and over as of September 1, 2019</p>

All entries (except waterfowl) in a show or exhibition shall have originated from a U.S. Pullorum-Typhoid Clean or equivalent hatchery or flock OR have a negative pullorum-typhoid test within 90 days prior to exhibition. Exhibitor shall show proper information.

Rabbits

(WHAT'S HOPPENING?, MAKING TRACKS, ALL EARS!)

Starting Dates: All Animals must be the property of the member exhibiting them and will be subject to identifying check. Penalty for falsification will result in banning the member from competition in any class at the show for the current year. Animals must have been the exhibitor's property by the following dates:

All rabbits must be owned by June 1 or out of stock owned by June 1, 2020

Entry Deadline: June 1, 2020 – Entries must be made to the Extension office.

Class/Entry Limit: One entry per class.

Quality Assurance and Ethics Training: First year members are required to participate in Livestock Quality Assurance and Ethics training via the web. The website address is as follows:

<http://web.extension.uiuc.edu/qaec/>.

Livestock Premises Identification Number: A Premises ID Number is not required for entry of any animal for the 2020 Richland County 4-H show.

The following rules apply to all Rabbit classes:

1. Cages will be furnished up to a maximum of 15 cages per exhibitor (4-H & Jr. Show) for rabbits only. No feed or equipment to be stored in cages. One rabbit per cage except meat pen which must have two.
2. No dirty, unkempt and/or sick animals may be entered,
3. Each exhibitor will be limited to a total of four (4) rabbits in 4-H show.
4. Any of 4 rabbits listed above in #3 that are shown only in 2020 4-H Show may be sold at auction.
5. All Animals must not have been shown in previous Richland County Fairs.
6. Exhibits must remain in place until Friday at 3:00 p.m..
7. All animals must comply with Richland County Livestock Show Policies & Health Regulations starting on page 120.

Classifications:

Fancy Rabbits (Dutch, Polish, English Spot, Lops, Himalayan and Netherland Dwarf Breeds)	<ul style="list-style-type: none"> ● Single Buck ● Single Doe ● Fur/Wool (may not be same as above)
Commercial Rabbits (New Zealand, California, Chinchilla, Satins, Silver Martin, French Silver, "Champaigne d'Argent" Breeds)	<ul style="list-style-type: none"> ● Single Buck ● Single Doe ● Meat/market pen – two animals, any sex, but may not be same as above – age: under 10 weeks
Mix Rabbit Breeds	<ul style="list-style-type: none"> ● Single Buck ● Single Doe ● Meat/market pen – two animals, any sex, but may not be same as above – age: under 10 weeks
Showmanship	Junior Showmanship – 13 and under as of September 1, 2019 Senior Showmanship – 14 and over as of September 1, 2019

Sheep

(RAMS, LAMBS AND YOU, SHEAR DELIGHT, LEADING THE FLOCK)

Starting Dates: All Animals must be the property of the member exhibiting them and will be subject to identifying check. Penalty for falsification will result in banning the member from competition in any class at the show for the current year.

Animals must have been the exhibitor's property by the following dates:

Market Animals – May 15, 2020

Breeding Animals – May 15, 2020

Entry Deadline: June 1, 2020

Entries must be made to the Extension office.

Class/Entry Limit: One entry per class.

Livestock Premises Identification Number: A Premises ID Number is not required for entry of any animal for the 2019 Richland County 4-H show.

Quality Assurance and Ethics Training: First year members are required to participate in Livestock Quality Assurance and Ethics training via the web. The website address is as follows:

<http://web.extension.uiuc.edu/qaec/>.

Youth Quality Care of Animals:

Exhibitors in the five areas must complete the training either in person or online to be able to show/sell at the 2020 Richland County Livestock Auction and the Illinois State Fair. The website is

<https://yqca.learnrow.io/Account/Login>.

The following rules apply to all Sheep classes:

1. All animals must comply with general health and eligibility rules
2. All animals must meet state fair breed eligibility requirements.
3. All animals must comply with Richland County Livestock Show Policies and Health Regulations starting on page 120.
4. Age requirements are listed with class descriptions.
5. Animals with active fungus and/or sore mouth will be disqualified and removed from the fair grounds.

Sheep Market Show

1. All lambs must be docked.
2. The same animal showing in the market class cannot be shown in the breeding class.

Sheep Breeding Show

1. The same animal showing in the breeding class cannot be shown in the market class.

CLASSES:

<p>PUREBRED SHEEP Aged Ewe – Before September 1, 2018 Yearling Ewe – September 1, 2018– August 30, 2019 Ewe Lamb – After September 1, 2019 Ram Lamb – After September 1, 2019</p>	<p>GRADE SHEEP Aged Ewe – Before September 1, 2018 Yearling Ewe- September 1, 2018 – August 30, 2019 Ewe Lamb – After September 1, 2019 Ram Lamb – After September 1, 2019</p>
<p>MARKET SHEEP Single Market Lamb – After January 1, 2020</p>	<p>SHOWMANSHIP: Junior Showmanship – 13 and under as of September 1, 2019 Senior Showmanship – 14 and over as of September 1, 2019</p>

Swine

(THE INCREDIBLE PIG, PUTTING THE OINK IN PIG, ENTERING THE ARENA)

Starting Dates: All Animals must be the property of the member exhibiting them and will be subject to identifying check. Penalty for falsification will result in banning the member from competition in any class at the show for the current year. Animals must have been the exhibitor's property by the following dates: Boar, Breeding Gilt, and Market Pig – April 1, 2020

Identification of Swine Animals:

ALL market animals to be shown in the Richland County 4-H Show in 2019 must be identified by tagging and ear notches by specific date set by Extension Staff. Each 4-H member enrolled in Swine can tag a total of 5 market pigs, BUT can only show 2 and sell 1 market pig.

Entry Deadline: June 1, 2020

Entries must be made to the Extension office.

Class/Entry Limit: One entry per class.

Livestock Premises Identification Number: A Premises ID Number is not required for entry of any animal for the 2020 Richland County 4-H show.

Quality Assurance and Ethics Training: First year members are required to participate in Livestock Quality Assurance and Ethics training via the web. The website address is as follows:

<http://web.extension.uiuc.edu/qaec/>.

Youth Quality Care of Animals:

Exhibitors in the five areas must complete the training either in person or online to be able to show/sell at the 2020 Richland County Livestock Auction and the Illinois State Fair. The website is

<https://yqca.learnrow.io/Account/Login>.

The following rules apply to all Swine classes:

1. All animals in the swine division must have been farrowed after December 15, 2018.
2. The same gilt or barrow shall not be shown in both a market class and breeding class.
3. The pig that is chosen to be sold in the Youth Auction must have been shown in the market class.
4. All pigs must be ear notched with litter number.
5. Hurdles (Panels) are optional in all classes.
6. All animals must comply with general health and eligibility rules.
7. All animals must meet state fair breed eligibility requirements.
8. All animals must comply with Richland County Livestock Show Policies and Health Regulations starting on page 120.
9. Age requirements are listed with class descriptions.

All market animals will be weighed on **Sunday night of the fair** and divided into the following weight categories:

Light Weight Market Under 190 – not eligible to sell at auction

Market Hogs – 190 – 290 lbs. – will be divided into weight groups

Heavy Weight Hogs – all over 290 lbs

CLASSES:

PUREBRED SWINE

Gilt

BREEDING SWINE

Gilt

MARKET SWINE

Crossbred

Gilt or Barrow

Purebred

Barrow

SHOWMANSHIP:

Junior Showmanship – 13 and under as of September 1, 2019

Senior Showmanship – 14 and over as of September 1, 2019

2020 ILLINOIS STATE FAIR 4-H GENERAL PROJECT DIVISION

Exhibiting in the 4-H Exhibit Division at the Illinois State Fair is a privilege. It is the responsibility of the exhibitor to follow the General Rules of this division and the exhibit requirements for the specific class entered. The Illinois State Fair, State 4-H Office, and local University of Illinois Extension personnel or their assigned agents do not assume liability for loss, theft, or damage to any exhibit.

For General Project Show rules go to the website below for rules!

<https://4h.extension.illinois.edu/events/illinois-state-fair-4-h-project-show>

STATE FAIR EXHIBIT SCHEDULE 2020

All General 4-H Exhibits from these counties will be judged on these dates:

Friday, August 14: Bureau, Carroll, Champaign, Coles, Cumberland, DeWitt, Ford, Fulton, Henry, Iroquois, Jo Daviess, LaSalle, Lee, Macon, Marshall-Putnam, Mason, Mercer, Moultrie-Douglas, Peoria, Piatt, Rock Island, Shelby, Stark, Stephenson, Tazewell, Vermilion, Whiteside, Winnebago counties

Saturday, August 15: Christian, Clark, Clay, Cook, Crawford, DeKalb, DuPage, Edgar, Effingham, Fayette, Franklin, Jackson, Jasper, Jersey, Johnson, Kane, Kendall, Livingston, Logan, Macoupin, Massac, McLean, Menard, Montgomery, Ogle, Perry, Pulaski-Alexander, Randolph, Sangamon, Union, Williamson, Woodford counties

Sunday, August 16: Adams, Bond, Boone, Brown, Calhoun, Cass, Clinton, Edwards, Gallatin, Greene, Grundy, Hamilton, Hancock, Henderson, Jefferson, Kankakee, Knox, Lake, Lawrence, Madison, Marion, McDonough, McHenry, Monroe, Morgan, Pike, Pope-Hardin, Richland, Saline, Schuyler, Scott, St. Clair, Wabash, Warren, Washington, Wayne, White, Will counties

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

For health requirements please go to the website below:

<https://www2.illinois.gov/sites/agr/Animals/AnimalHealth/Pages/fair-exhibition-requirements.aspx>