White County 4-H

2021

Guidebook & Showbook

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4-H is online 24 hours a day / 7 days a week!

Save yourself a trip to town. Many of the forms and sheets you will need in 4-H, including award applications, newsletters, and project score sheets, are available online. Start at: http://web.extension.illinois.edu/ghhpsw/

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

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

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

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

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

If any of these guidelines presents a challenge for you, please contact us directly at (618) 382-2662. We are happy to discuss what accommodations are possible so that we can look for ways that all youth can safely participate in this event.

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

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

General White County 4-H Policies and Regulations

General 4-H Participation

1. All persons, regardless of race, color, religion, gender, national origin, ancestry, marital status, family status, sexual orientation, or disability may participate in 4-H programs.

2. Anyone needing reasonable accommodations to participate in a 4-H program should contact the White County Extension Office at 382-2662.

3. The 4-H Year begins September 1 and ends the following August 31. "4-H age" for this year is determined as the age the 4-H member was on September 1, 2020.

4. All 4-H members must abide by the 4-H Code of Conduct at all 4-H events and during club meetings. The Code is found starting on page 8.

5. The White County 4-H program must adhere to all the rules, regulations and policies of the State 4-H program as outlined in the Illinois 4-H Policies manual. Anyone may request a copy of the policy manual from the county office or can view the policies online at: http://www.4-h.uiuc.edu/staff/fieldstaff.html#policies

6. All 4-H clubs must submit a secretary's report and audited treasurer's report annually. Additional rules regarding club operations and finance are outlined in the Illinois 4-H Policies manual above. Clubs which do not comply will not be allowed to re-enroll the following year.

7. The 4-H clover is protected by trademark laws. Specific rules must be followed when using the 4-H clover. Anyone may request a copy of those rules from the county office.

8. Changes in these 4-H rules may only be made by the 4-H Leadership Committee in compliance with Illinois 4-H policies. The Leadership Committee is made up of every 4-H leader in the county, one parent representative from each club, and one youth from each club, as well as, the federation president.

Grievance Procedures

1. Members of the public, who are involved in White County Extension programs, have the right to bring complaints to the attention of the Extension County Director with assurance that the complaints will receive a review and be accorded fair and equitable treatment. The Extension County Director can be reached at 618-252-8391 (Saline Co. Office) or 618-382-2662 (White Co. Office).

2. An *informal oral complaint* may be made to the Extension Director. The Extension Director will initiate discussion, considerations and resolution within 20 working days from the date of the complaint. The Extension Director may utilize Council members, Committee members, or Extension Staff to assist in this process.

3. A *formal written complaint* may be made to the Extension Director. The Extension Director will initiate discussion, considerations and resolution within 20 working days from the date of the complaint. The Extension Director may utilize Council members, Committee members, or Extension Staff to assist in this process.

4. If the grievant is not satisfied with the informal/formal process at the Unit level, the grievant may present a formal written grievance to the Regional Director.

Awards

A complete list of awards available to all 4-H members is provided to each club leader in July. Members wishing a copy of these opportunities, rules, and record forms may contact the county office at 382-2662. All award applications are due in late August on a date specified in the monthly 4-H Newsletter. The forms are available online at: http://web.extension.illinois.edu/ghhpsw/white4h/3408.html.

Membership Opportunities in 4-H

Cloverbuds

1. Members from age 5 –7 (as of Sept. 1, 2020) may enroll as Cloverbud members. Cloverbud members must enroll in Cloverbud projects only. Cloverbud members are not allowed to exhibit livestock, pets, or horses. Cloverbud members do not receive premiums, but are allowed to exhibit at the 4-H Show and receive a ribbon. All Cloverbuds will exhibit on Tuesday, July 13, regardless of the project they are enrolled in.

2. Cloverbuds which are part of a community club are NOT counted on the membership roles of the club. Clubs may wish to keep a separate record of Cloverbud attendance. Cloverbuds are not eligible for Perfect Attendance Awards.

Community Club Members

1. Any youth age 8 – 18 (on Sept. 1, 2020) may enroll in a community club. A list of available clubs in White County is available from the county office.

2. When necessary to change clubs, members must notify the leader of each club involved, as well as, the county office. Members may only change clubs one time during the 4-H year.

Independent Members

1. 4-H'ers do not have to enroll in a community club to participate fully in the 4-H program. Members who cannot or do not wish to enroll in a club may enroll as "Independent Members." Independent members must meet with an adult mentor (non-related) at least four times during the year to be eligible to exhibit at the 4-H Show. Independent members may apply for all awards, but no points can be earned in the "club activities" division of the 4-H Highlights during the years they are "independent." Independent members cannot earn the perfect attendance award.

2. Members wishing independent status must request an application form and return it prior to May 1, 2021.

3. Independent members are allowed to exhibit at the 4-H show and may sell animals in the auction, as long as they have met at least four times with their mentor and follow all auction guidelines.

Special Interest Club Members

1. 4-H'ers enrolled in Special Interest Clubs are eligible for full membership, awards, scholarships and exhibit opportunities.

2. Members who enroll **only** in a specialty club should complete the 4-H Highlights form as it relates to their special interest club activities.

3. Members who are members of a special interest club, as well as a traditional community club, should complete the 4-H Highlights form as it relates to their community club activities. Additional activities related to their specialty club should be noted in the "project workshop" section of the Highlights Form.

White County 4-H Show Policies and Regulations

Entry Procedure and Deadlines

1. 4-H'ers must be enrolled in each 4-H project they wish to exhibit at the 4-H Show by May 1. 4-H'ers may not add any additional projects after May 1. 4-H'ers should check their enrollments with their leader or the office prior to May 1 to ensure they are in the correct projects. **NO EXCEPTIONS!**

2. White County 4-H Show Entry Forms will be mailed to the main club leaders by June 1. All entry forms must be returned to the Extension Office by *the club leaders* by June 15, 2021. Entries must be made on the specific show entry form prepared by the Extension office and given to the leaders. No additions to the entry forms will be allowed after June 15.

3. Entry tags will be given to each 4-H family by June 22. 4-H'ers should firmly attach the tag to their exhibit. Please note: no tags are needed for rabbits, poultry and large animal projects. 4-H'ers will not be penalized for not bringing an exhibit they originally signed up for.

4. 4-H'ers are not allowed to change their exhibit tag in any way. If you did not receive a tag you thought you should receive, contact your leader or the office immediately. If you did not receive a tag, that means you are not enrolled in the project or did not mark it as an exhibit when you enrolled. You may not add projects after May 1, so you will not be allowed to bring a project, unless you received a tag for it.

5. 4-Hers are not allowed to switch exhibit categories the day of the 4-H show. Entries will be graded in the class they are enrolled in. The only exception to this rule will be in the visual arts project and only at the discretion of the visual arts superintendent, if he/she believes the 4-H member has entered the exhibit in the wrong category. The superintendent will only be allowed to put the member in a different visual arts division, and will not be allowed to change a member to a different project area, such as woodworking or interior design.

6. Members must attend at least 4 club meetings PRIOR TO July 9 to be eligible to participate in the 4-H show, 4-H auction, and public speaking contest. These must be actual business meetings the members attended, NOT non-business meetings, extra club events, or fun show horse rides. Members who notify their leaders they cannot attend a meeting prior to a club meeting are allowed to make up 2 of their 4 required meetings to be eligible to show, if they meet privately with the leader after the meeting. Those make-up meetings will be marked as an A-M in the secretary book. Make-up meetings do not count toward perfect attendance.

7. **INNOVATION CLASSES** are open to any 4-H member. Members choosing to exhibit in the Innovation class may be enrolled in any level of the Project they are studying. Members choosing to exhibit in the Innovation class decide the best way to show off their project mastery and knowledge for the year in that project category. Some suggestions are provided for each category, but members may choose any method they want for demonstrating project learning as long as it does not fit in any other class in that category. Only selected projects categories have an Innovation option.

8. **READY4LIFE CLASSES** (Career & Entrepreneurship Exploration) are open to any 4-H member who was at least 11 by September 1, 2020. Members choosing to exhibit in the Ready 4 Life class may be enrolled in any level of the Project they are studying. Exhibits should show the connection between the project area and related career or business opportunities. Members may choose any method they want for demonstrating project learning. Counties are eligible to send one Ready 4 Life exhibit for each project category in addition to the total allowed for that division.

9. **MAKER CLASSES** 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.

Show Day Procedure & Project Exhibit Requirements

1. Specific rules for each project are listed in this Showbook. In most cases, the exhibit listed is one of several activities taken from your project manual. Be certain to follow the rules listed in this book EXACTLY, even if they differ from your project manual. 4-H Show exhibits which do not meet these guidebook rules will not be eligible to receive an A rating.

2. Only one entry per project is allowed, (except in foods, photography, public speaking, and visual arts) Many times, you will be given a choice between 2 or 3 exhibits you *could* prepare. Remember to select just one choice unless the project rules specifically say you can prepare more than one. In the visual arts project, you may enter a separate exhibit in any or all of the 13 visual arts sub-divisions, but you may only bring one exhibit per sub-division. For example, you may enter chalk drawing in the "chalk, pigment and carbon" division, and enter a quilt in the "heritage arts" division.

3. Some exhibit areas may have size limitations. Read the descriptions carefully. Please choose a display size which is most appropriate for the exhibit you are bringing. Larger does not always mean better; use good judgment in creating your exhibit. Exhibitors will need to carry their project from the distant parking lots on the fairgrounds.

4. All members enrolled in a clothing/garments project have the opportunity to participate in the Fashion Revue on Wednesday, July 14 at 5:00 p.m. at the fairgrounds. – TENTATIVE DUE TO COVID RESTRICTIONS

5. Members must deliver their own exhibit to the show site at the time and date specified in a mailing to 4-H'ers prior to the 4-H Show. 4-H'ers are asked to leave and return at designated judging times provided by the 4-H staff. Members will participate in conference style judging. If a member is ill, on vacation, or away at a function beyond their control, a written note must be attached to the exhibit and the county office must be notified in advance. *Please note: Judging may last from 9 AM – 2 PM. *Please note: Covid guidelines may change judging times.

6. Exhibits must remain at the show site throughout the length of the show. No project may be removed (except live animals) until after the awards program. Members are responsible for picking up their items from the 4-H Show at 6 p.m. after the awards show (tentative in-person or a virtual option) on Wednesday, July 14. Members will be asked to enter the front doors of the floral hall and exit through the side door. Please be patient as a certain amount of people will be allowed in the floral hall at a time while picking up their items.

Awards and Premiums

1. Projects will be scored against a score sheet, which is available to anyone upon request from the county office. Based on that score, each exhibit will receive either a blue, red, or white ribbon. Projects earning a blue ribbon "met the standards" in most categories of the score sheet. Projects "needing some improvement" will receive a red ribbon, and projects "needing much improvement" will receive a white ribbon.

2. A **BEST OF SHOW RIBBON** will be awarded to the best project exhibited in a category. If there is only one project exhibited in a category, and that project received a blue ribbon, it would be the best of show. If there are multiple project exhibited in a category, (and they receive blue ribbons) then the one with the best workmanship and appearance should receive the ribbon.

3. A **SUPERIOR RIBBON** may be awarded at the judges' discretion for work they deem outstanding. There is **no** maximum number of Superiors which can be awarded per project. The following guidelines for awarding superiors will be used by judges:

   A SUPERIOR RIBBON may be awarded to the Best of Show winner if it is truly outstanding and is "far superior" in quality to the other projects being shown AND would likely be a superior at State Fair level.
   <div align="center">OR</div>
   A SUPERIOR RIBBON may also be awarded to a project (or projects) that was very close or equal to the Best of Show winner in a particular class and BOTH projects are "far superior" in quality to the other projects being shown AND both would likely be superiors at the State Fair level. If the non-Best of Show winner receives a Superior Ribbon, then the Best of Show Winner must also receive a Superior Ribbon.

4. Members who meet State Fair requirements and are at least 8 years old (as of Sept. 1, 2020) may be nominated to represent White County at the Illinois State Fair. A State Fair Ribbon will be put on the exhibit tags of those earning that honor.

5. 4-H members will receive one 4-H APF premium, if funds are available. Non-state projects (such as Hobby-General, Do Your Own Thing, Do Your Own Food Thing, Candy making, and Reading) are not allowed, by law, to receive a premium. No state money will be paid on those projects, though local money may be available. (See rule #6)

6. If the 4-H member exhibits in a non-4-H APF eligible project (County projects) then the Extension Support Committee will pay a premium directly to the 4-H member up to the 3-project limit.

7. A rating system has been developed for each project based on the degree of difficulty for that project. Premiums for a beginning project have a value of $X amount, whereas advanced projects may have a value of $3X (3 times the value of the beginning project). The rating system for each project is listed on page 68.

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

Tax Implications for Prizes, Gifts, or Awards

1. 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.

Illinois State Fair Requirements

1. Exhibitors must be currently enrolled as a 4-H member and have been at least 8 years old as of September 1, 2020 to exhibit at the Illinois State Fair in 2021. Parents and leaders should make provisions for the adequate care and supervision of exhibitors.

2. Members may exhibit one project only. If a member was selected in more than one area in either group, they must choose one and notify the county office by the date required of the county office.

3. Members are responsible for transporting their project to the state fair and must be present to attend conference judging with their project on the specified days at the Illinois State Fair.

4. Schedule for the state fair follows:

   Sunday, August 15th   All White County Exhibits

   The General Project Exhibit will be held in the Orr Building of the state fairgrounds. Members must drop off their projects any time from 8 to 9:30 a.m. All projects should be in place by 9:30. Judging is scheduled throughout the day. The judging schedule will be posted in each area. Members should check the judging schedule and return to the judging area about 10 minutes before their scheduled judging time. Projects must remain on display throughout the day until 3:30 p.m. All projects must be removed no later than 4:30 daily. If you cannot remain until 3:30, you may make arrangements with another person from your county to pick up your project on your behalf, as long as you provide them your claim ticket.

5. Premium for each state fair exhibit is unknown at this time and depends on state funding.

6. The White County 4-H Support Committee is offering a stipend of $25 per White County 4-H member exhibiting at the Illinois State Fair in Springfield to help with related expenses. Upon approval of a submitted request for funds form, (available on the website and at the local office), the money will be disbursed. If the member fails to exhibit at the State Fair the money must be reimbursed to the Support Committee.

4-H Member Code of Conduct

All participants of the Illinois 4-H program are responsible for their conduct to University of Illinois Extension personnel and/or volunteers of the 4-H program. All 4-H members are expected to maintain the following standards:

1. Be courteous and respect others.
2. Obey all rules of the locality, state, and nation, and University of Illinois Extension policies and guidelines as well as 4-H Program Guidelines and those of the local club.
3. Obey all rules set for 4-H activities in which they participate.
4. Treat all people fairly and animals humanely.
5. Respect the property of others.
6. Respect the authority of adult or youth volunteers, paid Extension staff, and others in leadership roles.
7. Avoid the use of profane, abusive and sexually explicit language.
8. Show kindness to others and give assistance when needed.
9. Be honest and honor commitments.
10. Strive for personal best and keep trying to improve.
11. Accept responsibility for their personal choices.

The following conduct will not be allowed by any youth participating in 4-H activities or events and is subject to disciplinary action, which could include being removed from the program and activity:

1. Possession, use, or distribution of alcohol and other controlled substances, including tobacco products. Information about prescription drugs should be provided to the leader or coordinator of the 4-H program, activity or event.
2. Theft or destruction of public or private property.
3. Involvement in sexual misconduct or harassment.
4. Unauthorized possession or use of weapons or dangerous materials, including fireworks.
5. Fighting or other acts of violence.
6. Willfully breaking curfew.
7. Unauthorized use of vehicles.
8. Leaving the site of the event without permission.
9. Participating in gambling.
10. Absence from the planned program.
11. Intentionally interfering with or disrupting the event.
12. Use of profane, abusive or sexually explicit language.
13. Public displays of affection or inappropriate actions.
14. Failure to comply with direction of Extension personnel, including designated volunteers acting within their duties and guidelines.

4-H members' behavior is expected to demonstrate the character traits of trustworthiness, respect, responsibility, fairness, caring, and citizenship.

4-H Livestock Project and Exhibit Rules

1. 4-H'ers with market class livestock projects must be enrolled and tagged in that project by the following weigh-in dates: Beef- February 6 (Bucket Calf - May 1); Swine – March 27; Sheep and Goats - May 1. Rabbit Tattooing is June 13. Please note ALL animals must be weighed at weigh-in dates or will not be allowed to show or auction.

2. All animals of any species must be listed on the White County 4-H Livestock Exhibition form, or will not be allowed to show or auction.

3. All animals must be the property of the member exhibiting them and/or leasing your animal, and will be subject to identifying check. You will need to contact the Extension Office for the proper paperwork, if you are leasing your animal. Penalty for falsification will result in banning the member from competition in any class at the show for the current year.

4. All 4-H members enrolled in an animal project area are required to complete the online **Quality Assurance and Ethics course** one time in order to stay enrolled in an animal project area. The certification must be done if you are enrolled in one of the following projects: cats, dogs, horses, poultry, and rabbits. Members who do not complete the certification before the show will be removed from the project and not be allowed to show. Anyone who has already taken the certification does not need to retake the test. The local office has a list of those already certified. The website is located online at: http://web.extension.illinois.edu/qaec/. **This rule applies to 4-H members who exhibit live animals AND poster exhibits. White County deadline will be June 1!**

   New certification REQUIRED for youth exhibiting livestock - 4-H members exhibiting animals entering the food production system will be required to complete the **Youth for the Quality Care of Animal** certification (YQCA). It will replace former trainings: PQA and QAEC. This program is the industry standard certification. Check with local offices about completing the training. **The training must be completed each year.** http://yqca.org. **Deadline June 1, 2021!** Members who do not complete the certification before the show will be removed from the project and not be allowed to show. **ALL INDEPENDENT MEMBERS ENROLL UNDER YOUR 4-H ONLINE EMAIL AND PASSWORD - NOT FFA/INDEPENDENT**

5. Animals must be on the farm or designated area by the date of the weigh-in. Unmarked animals will not be allowed to show.

6. Each exhibitor must personally care for his or her animals during the feeding period or required period of ownership.

7. At the time of tagging, each 4-H'er may nominate up to 6 barrows, 3 wethers, and 3 steers. At show time, a 4-H'er can bring a total of 4 barrows - 3 for market classes and 1 for carcass; 3 steers - 2 for market classes and 1 for carcass; 3 wethers - 2 for market classes and 1 for carcass.

8. Auction animals must adhere to these age requirements:
   Steers: Calved on or after Jan. 1, 2020;
   Heifer: Born after September 1, 2019 to March 31, 2021 (w/addition of Senior Yearling Class);
   Bull calf: Born on or after Jan. 15, 2021;
   Barrows: Farrowed on or after Jan. 1, 2021;
   Gilt: Farrowed on or after Jan. 1, 2021;
   Sheep Wethers: Lambed on or after Jan. 1, 2021;
   Sheep Ewes: Lambed on or after Jan. 1, 2020; (w/addition of the Yearling Class);
   Sheep Rams: Lambed on or after Jan. 1, 2021;
   Meat Goat Wethers: Born on or after Oct. 1, 2020;
   Goat Does: Age 6 months to 1 year;
   Goat Buck: Born on or after Jan. 15, 2021;
   Chickens: Hatched between March 25 – May 20, 2021;
   Rabbits: Born April 19 – June 1, 2021.

9. All market animals must be included in below listing. Each member may sell ONLY one animal (MALE OR FEMALE) either swine, beef, sheep, goat, poultry, duck, one fryer rabbit, or dairy animal in the Blue Ribbon Auction.

10. 4-H members may show no more than two animals per weight or breed class.

11. All livestock exhibited in the 4-H Show must meet State Exhibition Livestock Health Requirements. A copy of these rules will be provided to all livestock exhibitors. It is the 4-H'ers responsibility to allow plenty of time for all health papers to be processed by their veterinarian and returned in time for the 4-H show. Necessary health papers will be checked by the Livestock Superintendent at the show weigh-in.

12. All market animals will be castrated by the weigh-in date of the specific species.

13. **All livestock exhibits—including beef, swine, sheep, and goats—must be weighed and on the grounds by 7:00 pm the day before the livestock show as designated in the 4-H Newsletter. All animals must stay through the night at the fairgrounds.**

14. All animals must be exhibited in the show ring by a White County 4-H member. No adults may be in the show ring except the ring man. See rule #15 for an exception. Cloverbuds are not allowed to exhibit.

15. AN ADULT MUST ACCOMPANY ALL STEER EXHIBITORS IN THE RING DURING THE 4-H AUCTION. It is the 4-H member's responsibility to find the adult who will assist. Adults must be over 21 years of age.

16. All animals will show according to weight: Lightweight, Medium weight, and Heavy weight. Females will be shown together by age, regardless of breed or market weight.

17. **In the interest of safety, all show ring beef animals must be shown with a chain and halter and must be halter broke (chain choke, not rope choke). All animals not broke to lead will be subject to dismissal by the superintendent.**

18. All animals will be divided into two or three weight classes. The weight divisions will be decided by the Livestock Superintendent the day of the show in an attempt to keep the classes equal.

19. The Swine Show is not a terminal contest. Each barrow must have veterinarian papers prepared before arriving for the weigh-in at the fairgrounds.

20. Carcass animals must meet health and time requirements listed here, in addition to carcass rules on page 13.

21. Stallions will not be eligible for showing in the horse and pony classes.

22. No commercial advertising is allowed on stalls, pens, hurdles, or in the show ring. Exhibitors may have their name, farm name, and club name displayed.

23. A 4-H'er can bring back more than one animal for the championship class, but can't receive *both* grand champion *and* reserve champion awards. Once one of their animals is named champion, their other entries are removed from the ring.

24. **A rate of gain traveling trophy is awarded for each species (cattle, swine, sheep, goats) to the 4-H member with the highest rate of weight gain in that specie. In the case of an animal substitution, the rate of gain will not count.**

25. A showmanship trophy is awarded for each species (dairy, swine, sheep, beef, goats) to the 4-H member who does the best job of showing his/her animal in the ring. All members exhibiting livestock at the show are automatically entered in the showmanship contest. Both junior (8-13) and senior (14-19) trophies are awarded. Age is determined as of 4-H age—age on Sept. 1, 2020.

26. A Herdsman Award is given to five 4-H'ers - one in each project area (goat, sheep, swine, dairy, beef) - who demonstrate top achievement in knowledge of animal and equipment, who do their own work, and have a clean and neat stall.

27. **A ground corncob bedding will be provided for ALL 4-H livestock pens 4-H'ers will only be allowed to use shavings in their pens. No straw or sawdust is allowed. Also, all swine will be on dry bedding during the time in the barn. Livestock pens must be cleaned by 10 p.m. the day of the show or a pen-cleaning fee of $50 will be charged to the 4-H'er.**

28. 4-H'ers interested in exhibiting an animal at the State Fair must notify the office of their intent prior to March 1. A final confirmation of intent to show must be made again to the county office prior to the July 1, 2021 entry deadline for State Fair. Any exhibitor to the Illinois State Fair in the areas of beef, sheep, swine, dairy or horses must pass the Quality Assurance & Ethics test given via the Internet. The site is open from March 1 – June 1. Once they pass the test, they do not need to retake the test.

29. All rabbits must be owned at least six weeks prior to the 4-H Show. To verify that rabbits are owned by this date, rabbit exhibitors must have all fryers tagged by a representative of the livestock committee 4 weeks prior to the 4-H show. This date will be announced in the 4-H Newsletter.

30. The following Best of Show ribbons in the Rabbit Show will be awarded: Fancy Breed Doe, Fancy Breed Buck, Commercial Breed Doe, Commercial Breed Buck, Mixed Breed Doe, and Mixed Breed Buck. Grand Champion and Reserve Grand Champion trophies will also be awarded for Overall Grand and Reserve. Grand Champion Fryer will be awarded a belt buckle. Only one fryer must be shown by the 4-H member in the fryer class.

32. **A scholarship to a White County 4-H member who has taken a market animal to the 4-H Show for four consecutive years in high school and/or higher education will be awarded from the White County Livestock Committee.**

33. **All first year large breed market animal exhibitors will receive a monetary award awarded from the White County Livestock Committee.**

34. No 4-H member or parent may stay overnight at the 4-H fairgrounds or at the livestock barns.

35. Members may exhibit up to two horses/ponies. Horses/ponies may be owned or leased. Ownership and lease forms may be obtained from the extension office or 4H leader. These forms must be turned in by May 1. One form should be filled out for each horse/pony that exhibitor will be showing or possibly showing. If there is no form on file, that animal may not be shown. Project replacements made after May 1 (due to illness, death, etc) may be allowed upon proof (veterinary certificate) and approval by the Horse Show Superintendent.

37. Inappropriate behavior or language will not be tolerated at 4-H events by any participant or attendee. If bad behavior would arise, you will be asked to leave the premises immediately. Any questions or discrepancies should be addressed immediately to the 4-H Livestock Superintendents, or any 4-H Livestock Committee members, or Extension Staff.

38. Superintendents for Livestock are as follows: Beef – Levi Marsh, Sheep – Brad Gates/Jason Draper, Swine – Mallory Thompson, Goats – Derek Price, and Rabbits/Poultry – Rodney Ochs.

Auction of Blue Ribbon Animal Rules & Regulations
Sponsored by the White County 4-H Support Committee

The sale of Blue Ribbon animals is held on the final day of the show. Details are sent in June. Members must be present to sell their animal.

Qualifications to Sell

1. 4-H'ers must attend a minimum of 4 club meetings during the year to be eligible to sell in the auction. Independent 4-H'ers must meet with their mentor a minimum of four times.

2. **4-H member must show the animal to sell the animal in the auction.**

3. **Each member may sell ONLY one animal (MALE OR FEMALE) either swine, beef, sheep, goat, one market pen of three poultry, one market pen of three ducks, one fryer rabbit, or one dairy in the Blue Ribbon Auction.**

4. Bucket calves are not allowed to sell in the auction.

5. **Members may sell <u>only one animal</u>.**

6. Selling will be on a dollar-per-head basis.

7. **All blue ribbon animals will be sold by lottery. For 2021, Grand Champions and Reserve Grand Champions of each species will sell first, followed by all the balance of the beef, dairy, goats, sheep, swine, chickens and rabbits will follow in that order. The order of the 4-H'ers will be drawn by lot following the market classes.**

8. Ceilings are placed on the sale price for all animals. "Ceiling" refers to the top dollar amount above market price that a 4-Her can receive for an animal. Currently the ceilings are set at:
    Champion Beef/Dairy .... up to $599
    Reserve Champion Beef/Dairy .... up to $550
    All other Beef/Dairy .... up to $475
    Champion Sheep & Swine & Goat .... up to $475
    Reserve Champion Sheep & Swine & Goat........................ up to $425
    All other Sheep & Swine & Goat...up to $375
    Champion Rabbit Fryer & Market Chicken .... up to $175
    Reserve Champion Rabbit & Market Chicken.................... up to $150
    All other rabbits & other market chickens......................... up to $125

    Buyers are encouraged to bid over these ceilings. If the bid goes over the ceiling, there are two things that can happen.
    1. If 60% of the total bid is greater than the ceiling price;
        a. the difference between the ceiling and 60% of the bid will go into a pot to be distributed by the Livestock Committee among all auction participants
        b. all money in excess of the 60% level will go to the White County 4-H Extension Support Fund for all 4-H work.
    2. If the ceiling is exceeded but 60% of the amount bid is not more than the ceiling;
        a. the member will receive the ceiling price and all money bid over ceiling will go into the White County 4-H Extension Support Fund for all 4-H work.

    Examples of the above would be as follows:
    If a member sells a steer for $1000. The member will get the ceiling amount of $475. Since 60% of $1000, ($600) is greater than $475, the difference, in this case $125, would go into a pot to be distributed to all auction participants by the Livestock Committee. The remaining $400 would go to the Support Committee. .... OR ...

If a member sells a steer for $750, 60% of that is $450. This is less than the ceiling price of $475 so the member gets the ceiling price and the remaining $275 goes to the Support Committee and no money goes into the pot for the Livestock Committee to distribute.

9. Buyers should make their check payable to White County 4-H & Extension Support Committee. 4-H'ers will receive their checks after they deliver the photos to the buyer and have the certificate signed. In the event the buyer wants to make the check out to the 4-H'er, it should be given to the Extension Office to hold until the 4-H'er delivers photos and has the certificate signed.

10. Members selling rabbits are responsible for processing the rabbit for the buyer, if the buyer wishes.

11. Any questions or discrepancies should be addressed immediately to the 4-H Livestock Superintendent for that species or any 4-H Livestock Committee members. If necessary, members can then take their grievance to the Extension County Director as outlined in the General 4-H Rules on page 2.

Carcass Competition Rules & Regulations

The purpose of this contest is to help members learn how to raise quality, fast growing market animals in the most economical way and to recognize what a "quality" animal is. The contest is for barrows, sheep wethers, meat goat wethers, and steers. Rules are:

1. Animals will be judged by 2 standards - on rail and rate of gain.

2. Each 4-H'er may nominate only one barrow, one steer, one meat goat wether, and/or one sheep wether. Depending on the size of the slaughter facilities, each 4-H'er may be limited to one or two animals TOTAL in carcass.

3. 4-H'ers may nominate either a separate animal strictly for the carcass show or use their animal shown in the market class show. The 4-H'er **MUST** notify the Livestock Superintendent by 8 PM Tuesday, the day of weigh-in, which animal is entered in the carcass competition.

4. The animal must be weighed and tattooed or tagged by a Livestock Committee member or 4-H Leader on the date specified in the newsletter or guidebook for market animals. Decisions as to which animal will be entered in the carcass show can be made at the time of weigh-in for the show.

5. 4-H'ers **MUST** attend the carcass examination at the slaughter plant to complete the contest.

6. To qualify for slaughter, barrows must weigh at least 230 pounds, steers at least 900 pounds, lambs at least 80 pounds, meat goats (no minimum weight).

7. This is not a premium class. It is supported by a donation from Enfield Packing Plant. Each participant receives a cash prize. The higher the placing, the higher the cash award.

8. Carcass animals may be sold at auction only with the buyer's previous knowledge that the animal will be slaughtered. Buyers **ONLY PAY** the price bid over market. The animal's carcass is the responsibility of the 4-H'er.

9. The slaughter plant appreciates knowing what cuts the family wishes for the carcass as early as possible, but no later than when the animals are delivered.

County Projects

White County has developed several projects which are not "state 4-H" projects. 4-H'ers enrolling in White County projects are allowed to exhibit at the White County Show only. No State Premium Money will be awarded. If a member has not met the 3-project state premium limit and chooses to exhibit one of the county projects, the White County 4-H & Extension Support Committee will pay a premium directly to the 4-H member up to the 3-project limit.

EXHIBIT SIZE FOR COUNTY PROJECTS ONLY: Table Displays are limited to no more than 2' wide by 15 inches deep. There is no restriction on the height of displays. Maximum poster size is 22" x 30".

Animal Science Projects

Ag/Animal Science - not eligible for State Fair and does not receive a state premium.
Prepare an educational display. Posters should be at least 14" x 22" and no larger than 22" x 28" (one full sheet of poster board).

Creative Arts Projects

Reading - not eligible for State Fair and does not receive a state premium.
   a. Year 1 Make a list of books you read and exhibit a display or report on one of the books you read.
   b. Year 2 Make a list of books you read and exhibit a display on one of the books you read. In your display, include a list of 10 other books you could read about the same topic. Include the name of the book/resource, the author, and the year it was written.
   c. Year 3 Make a list of books you read. Exhibit a display about a specific author of your choice.

Do Your Own Thing - not eligible for State Fair and does not receive a state premium.
The sky's the limit. All exhibits must be cleared by your 4-H club leader or county 4-H worker. Exhibits cannot fit into any other class. Exhibitors must supply all necessary equipment for exhibit.
   a. Age 8-11
   b. Age 12-14
   c. Age 15-19

Civic Engagement Projects

Hobby-General—not eligible for State fair and does not receive a state premium.
Bring a display explaining your hobby.
   a. Age 8-11
   b. Age 12-14
   c. Age 15-19

Environmental Sciences Projects

Environment - not eligible for State Fair and does not receive a state premium.
Prepare an educational display. Posters should be at least 14"x22" and no larger than 22"x28" (one full sheet of poster board).

Healthy Living/Nutrition Projects

Do Your Own Food Thing– not eligible for State Fair and does not receive a state premium
Exhibit any food item you have made which does not fit in any other food category. Include the recipe and instructions, and be prepared to discuss how you made the item. You may display it in any form you wish. The sign up for this exhibit will be included in the newsletter. Members do not have to be enrolled in a food project.

Food Access – not eligible for State Fair and does not receive a state premium.
Prepare an educational display. Posters should be at least 14"x22" and no larger than 22"x28" (one full sheet of poster board).

Food Safety - not eligible for State Fair and does not receive a state premium.
Prepare an educational display. Posters should be at least 14"x22" and no larger than 22"x28" (one full sheet of poster board).

Safety–General – not eligible for State Fair and does not receive a state premium
Display a poster or an exhibit related to a safety activity you have done or a safety hazard you have identified.

STEM Projects
Science and Technology – not eligible for State Fair and does not receive a state premium
Display a poster or an exhibit which poses a question, tests a theory, and draws a conclusion, similar to activities done in a science fair exhibit. No Size Restrictions. Please note that there are no other criteria for the exhibit, as might have been for the Science Fair, to allow non-science fair exhibits to enroll.
a.   Age 8-11
b.   Age 12-14
c.   Age 15-19

Group Only Projects
SHOOTING SPORTS (not eligible for state fair)
4-H members enrolled in 4-H Shooting Sports may choose to exhibit a display in addition to or instead of participating in a Shooting Sports Event. Members must be a member of an approved 4-H Shooting Sports Club to exhibit. No live ammunition, actual firearms or parts of a firearm that could be reassembled should be included. Any manufactured part of a sporting arm may not be displayed. Human Silhouette targets will not be displayed. All exhibits should be posters suitable for display to the general public. Exhibits deemed to be inappropriate will not be displayed.

Shooting Sports: Archery
Exhibit a poster 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
Exhibit a poster 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
Exhibit a poster 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: Pistol
Exhibit a poster 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:
(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.

Cloverbuds (no premium)
Exhibit any activity you have done as a Cloverbud from your project. All Cloverbud projects will be exhibited on Tuesday, July 13 at the fairgrounds. Registration begins at 8 AM.

Illinois State 4-H Projects

Local Extension Offices will receive information on final exhibit locations by mid-summer, 2021. Please be aware that last minute changes may occur and that we will accommodate the exhibit and judging process as best we can.

EXHIBIT SIZE: Some exhibit areas may have size limitations. Read the descriptions carefully.

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

Project Spark Sheets

Projects help 4-H members find and nurture their *spark.* When you try something for the first time, you may be inspired to keep learning as much as possible about it. You might even want a career related to that new interest. 4-H projects often spark young people to follow their passions, interests, and talents on a new path to career development, enjoyment, and belonging. Ready for your spark? Learn more about 4-H projects you can explore. We have more than 75 sparks just waiting for you to light!

https://4h.extension.illinois.edu/project-spark-sheets

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

Model Rocketry: (SF 50130)
(**Open to youth in Aerospace 2, Aerospace 3, and Aerospace 4)**
Exhibit one model rocket assembled or made by the member. The exhibit will be a static display. The model rocket should be in good flying condition. DO NOT include the rocket engine with your exhibit. The rockets will not be launched. Attach the printed directions for construction of the rocket if any were used.

Aerospace Display: (SF 50131)
(**Open to youth in Aerospace 2, Aerospace 3, and Aerospace 4)**
Prepare a display related to the aerospace project which does not fit in the model rocketry class. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

*Aerospace Ready4Life Challenge (SF 50133)
(Open to 11- to 18-year-olds enrolled in any Aerospace project.)
*Aerospace Maker (SF 50400)
(See page 4, #9 for explanation of this class)

BEEF:

Members may select from the following classes:
a. Market - Steers must be calved on or after Jan. 1, 2020 (may exhibit 2)
b. Breeding Beef
   a. Cow - born on or before June 30, two years previous (2019)
   b. Senior Yearling Heifer - born July 1 to December 31, two years previous (2019)
   c. Junior Yearling Heifer - born January 1 to April 30 of previous year (2020)
   d. Summer Yearling Heifer - born May 1 to August 31 of previous year (2020)
   e. Heifer Calf - born September 1 to December 31 of previous year (2020)
   f. Cow-Calf - calves born since January 1 of current year (2021)
   g. Bull Calf – born on or after January 1 of current year (2021)

   h. Bucket Calf
   This class is open to male or female beef or dairy calves born from Jan. 1 through May 1 of the current year. The calf must be in the care of the 4-H member within two weeks of birth. The calves are not eligible to sell in the auction. Members must be enrolled in beef by April 1 to participate.
c. Carcass

Beef Animal Science: (SF 50135)
Prepare a display focusing on any activity related to the beef project. Demonstrate the skills and knowledge you have gained through the animal project you studied. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Live animals are not permitted as exhibits in this area. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.

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

*Beef Maker (SF 50400)
(See page 4, #9 for explanation of this class)

BICYCLE (not eligible for state fair)

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

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

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

*Bicycle Maker (SF 50400)
(See page 4, #9 for explanation of this class)

CAT

Exhibit a display based on an activity from your project manual. Also, include your project manual with some activities completed this year. Also, exhibit your cat on leash or controlled in some manner.

Cat Animal Science (SF 50135)
Prepare a display focusing on any activity related to the cat project. Demonstrate the skills and knowledge you have gained through the animal project you studied. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you 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. Live animals are not permitted as exhibits in this area. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.

*Animal Science Cat Ready4Life Challenge: (SF 50137) **(Open to 11- to 18-year-olds enrolled in any Cat project)**
*Cat Maker (SF 50400)
(See page 4, #9 for explanation of this class)

CHILD DEVELOPMENT

Each county may submit 3 entries from 50141.

Child Development (SF 50141)
Prepare a display that demonstrates the skills and knowledge you have gained studying child development. Topics might include, but are not limited to, selecting age appropriate toys and activities, explaining child behavior, or recognizing child safety concerns. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on

display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.

*Child Development Ready4Life Challenge: (SF 50137) **(Open to 11- to 18-year-olds enrolled in any Cat project)**
*Child Development Maker (SF 50400)
(See page 4, #9 for explanation of this class)

CIVIC ENGAGEMENT (Formally Known As Citizenship)

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

Civic Engagement 1 (SF 50145)
Exhibit a display illustrating one of the following options: 1) personal information about yourself – who you are, things you like to do, things you are good at, your favorites; 2) your feelings and how you handle these feelings; 3) your family, their responsibilities, how you work together; **OR** 4) the Family Pedigree that may include family group pages. **Due to space restrictions, exhibits are limited to 2' 6" wide and 15" deep.**

Civic Engagement 2 (SF 50146)
Exhibit a display illustrating one of the following options: 1) your neighborhood; 2) how you were a good neighbor or led a service project for your community; **OR** 3) a Citizenship Challenge that you helped organize and lead (see the project book for details). **Due to space restrictions, exhibits are limited to 2' 6" wide and 15" deep.**

Civic Engagement 3 (SF 50147)
Exhibit a display illustrating one of the activities that you completed within your project as it relates to one of the following categories in the manual: 1) Government; 2) Business and Industry; 3) Transportation, Communication & Utilities; 4) Culture & Heritage; 5) Natural Resources & Environment; 6) Education; 7) Organizations within your community; 8) Tourism; **OR** 9) Support Systems within your community. **Due to space restrictions, exhibits are limited to 2' 6" wide and 15" deep.**

*Civic Engagement Ready4Life Challenge: (SF 50149)
(Open to 11- to 18-year-olds enrolled in any Civic Engagement project)
*Civic Engagement Maker (SF 50400)
(See page 4, #9 for explanation of this class)

Service Learning 1 (not eligible for state fair)
Exhibit a binder portfolio to reflect what the exhibitor accomplished in the four steps of service learning. If exhibitor has been enrolled in project for multiple years, the binder portfolio should include previous years' work. Use of page protectors is recommended.

Service Learning 2 (not eligible for state fair)
Exhibit a binder portfolio to reflect what the exhibitor accomplished in the four steps of service learning. If the exhibitor has been enrolled in the project for multiple years (including Service Learning 1), the binder portfolio should include the previous years' work. Use of page protectors is recommended.

Service Learning 3 (not eligible for state fair)
Exhibit a binder portfolio to reflect what the exhibitor accomplished in the four steps of service learning. If the exhibitor has been enrolled in the project for multiple years (including Service Learning 1 & 2), the binder portfolio should include the previous years' work. Use of page protectors is recommended.

CLOTHING & TEXTILES

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

All exhibits entered in the clothing and textiles area will be judged based on their construction and fit (if applicable). Exhibitors bringing garments should not wear their garments when they arrive for judging 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 50156)
(Open to 11- to 18-year-olds enrolled in any Sewing & Textiles project)
*Sewing & Textiles Maker (SF 50400)
(See page 4, #9 for explanation of this class)

Fashion Revue: Not State Fair Eligible
Exhibitors in this class may be enrolled in any of the following projects: Clothing & Textiles Clover Challenge STEAM Sewing 1-3, Shopping in Style, and/or Visual Arts: Knitted garments. Modeled items must be garments constructed or purchased by the exhibitor and must be worn by the exhibitor. Pillows or other non-garment items are not appropriate for Fashion Revue. **Exhibitors will be responsible for writing their narration and give to Amy and or Melissa by Tuesday, July 13. Fashion Revue will take place during the awards ceremony on Wednesday, July 14 starting at 5:00pm. PENDING COVID RESTRICTIONS!**

COLLEGE & CAREER READINESS

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

Build Your Future (SF 50365)
Develop a Career portfolio which includes the items listed below. Members are encouraged to spend more than one year involved in this project so they have time to thoroughly explore the learning modules and develop a greater understanding of planning and preparing for their future and develop a comprehensive career planning portfolio. The original OR photocopies of the completed activities from the project manual should be included in the portfolio. Each year enrolled in the project should build on 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)

*College & Career Maker (SF 50400)
(See page 4, #9 for explanation of this class)

COMMUNICATIONS

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

Communications 1 (SF 50368)
For 1st year enrolled in project: Exhibit a binder portfolio showcasing at least three activities from the project manual. Show basic activities and anything that extended lessons. For 2nd and 3rd years in project: Include everything from earlier years' work and add 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: (not eligible for state fair)
(Open to 11- to 18-year-olds enrolled in any Communications project)
*Communications Maker (SF 50400)
(See page 4, #9 for explanation of this class)

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

Formal Speech | Self-written | Notes Allowed | No props | Individual | 4-6 minutes
Formal Speeches share the presenter's own unique view and are intended to motivate, persuade, or inform an audience and may include a call to action. Youth deliver a speech on any topic they wish.

Illustrated Speech | Self-written | Notes Allowed | Illustrations Required | Individual | 4-6 minutes
Illustrated Speeches may be used to inform, persuade, or motivate the audience while using a visual aid. Visual aids may be two dimensional, three-dimensional, or digital. Youth may include audience participation. Digital visual aids must be stored on a USB flash drive. Illustrated speeches may be:
- How-to demonstrations which show the audience how to do something.
- Object lessons which use objects as metaphors to share a message.
- Educational models where drawings or diagrams help explain a topic.

Original Works | Self-written | Notes Allowed | Props and Costumes Allowed | Individual or 2-Person Team | Manuscripts sent in Advance | 4-6 minutes
Original works must be written entirely by the presenter. It may be presented as an individual or a two-person team entry. Manuscripts must be sent in advance to the contest. Presentations may be designed for TV, radio, or online media and must be presented live. The types of entries could include:
- Prose and Short Stories
- Poetry
- Broadcast Media Program
- Theatrical
- Combined Program: Combine any number of the above elements along with other creative presentation forms

Oral Interpretation | Published Work | Props and Costumes Allowed | Individual or 2-Person Team | Manuscripts sent in Advance | 4-6 minutes
Presentations in Oral Interpretation must be published works, and manuscripts or transcripts must be submitted prior to the event. They may be presented as an individual or a two-person team entry. The types of entries could include:
- Prose and Short Stories
- Poetry
- Theatrical Interpretation
- Published Speech Recitation: Excerpt from a spoken presentation delivered by a public figure, such as Winston Churchill, Dr. Martin Luther King, Jr., or Maya Angelou
- Combined Program: Combine any number of the above elements along with other creative presentation forms

COMPUTER SCIENCE

Each county may submit 3 entries total from 50159, 50160, 50161, 50162; and 1 entry from 50164.
Exhibitors may bring computer equipment for demonstration purposes. Computers will not be furnished. Internet connections are not available for use by exhibitors. Any member found to be using computer software in a manner that infringes on copyright laws will be disqualified.

Beginning Visual Programming (not eligible for state fair)
Open to youth in Computer Science Visual Based Programming
Exhibit a simple program using Scratch (or other simple graphic programming language). The program should include 8 different commands including looping and getting input from the keyboard and mouse. All exhibits must include something visual, such as a poster or printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.
Intermediate Visual Programming (SF 50159)
Open to youth in Computer Science Visual Based Programming
Exhibit a program using Scratch (or other simple graphic programming) that you have downloaded from the internet and modified. Compare the two programs and demonstrate the changes you made to the original program; **OR** create an animated storybook using Scratch (or other simple graphical programming language). All exhibits must include something visual, such as a poster or printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.
Advance Visual Programming (SF 50160)
Open to youth in Computer Science Visual Based Programming
Exhibit a video game you have created in Scratch (or other simple graphic programming). All exhibits must include something visual, such as a poster or printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.
Website Design: (SF 50161)
Open to youth in Computer Science Visual or Text Based Programming
Exhibit an original website that you have designed. Internet access will not be provided, so exhibitors must supply their own internet hot spot or the website must be hosted on the exhibitor's computer). All exhibits must include something visual, such as a poster or printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

Computer Open Source / Innovation CS (SF 50162)
Open to youth enrolled in Computer Science Text-Based Programming or robotics project).
Demonstrate the skills and knowledge you have gained through the Computer project. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in

the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. Exhibits in this class may also demonstrate successful application of open source (publicly available) computing software and/or hardware, such as Raspberry Pi and Linux, to accomplish a task. All exhibits must include something visual, such as a poster or printed copy of a digital presentation or programing flowchart, which will remain on display during the exhibition. Exhibits in this area will be judged on the computer science programming. Youth enrolled in a robotics project should choose this class if you want the exhibit to be judged on the programming of the robot. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

*Computer Science Ready4Life Challenge: (SF 50164)
(Open to 11- to 18-year-olds enrolled in any Computer project)
*Communications Maker (SF 50400)
(See page 4, #9 for explanation of this class)

CONSUMER EDUCATION
Each county may submit 2 entries total from 50168, 50169; and 1 entry from 50167.
Entrepreneurship: Be the E! (not eligible for state fair)
Exhibit a binder portfolio or display that includes the results of at least two completed activities from each year 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)
*Consumer Ed Maker (SF 50400)
(See page 4, #9 for explanation of this class)

CROPS

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

Soybeans (SF 50170)
Exhibit five fresh plants (include root system that is washed) that are representative of member's 4-H project field; **OR** exhibit an experimental or educational project related to one experience from your project. Include explanation of the project in a report for public understanding. Include the member's crop records with the exhibit, such as the 4-H Crop record found online @ 4-H.illinois.edu, an FFA crops record, or similar information.

Corn (SF 50171)
Exhibit two fresh plants of field corn (include root system that is washed), that 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)**
*Crops Maker (SF 50400) **(See page 4, #9 for explanation of this class)**

DAIRY CATTLE

a. Calf--born on or after July 1 of previous year (2020)
b. Yearling--born from July 1 two years previous to June 30 of previous year (2019-2020)
c. Cow--born on or before June 30, two years previous (2019)
d. Bucket Calf
- This class is open to male or female beef or dairy calves born from Jan. 1 through May 1 of the current year. The calf must be in the care of the 4-H member within two weeks of birth. The calves are not eligible to sell in the auction. Members must be enrolled in dairy by April 1 to participate.

Dairy Cattle Animal Science (SF 50135)
Prepare a display focusing on any activity related to the dairy cattle project. Demonstrate the skills and knowledge you have gained through the animal project you studied. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made.

Choose whatever method best shows what you 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. Live animals are not permitted as exhibits in this area. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.

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

*Dairy Cattle Maker (SF 50400)
(See page 4, #9 for explanation of this class)

DOG

Exhibit a display based on an activity from your project manual. Also, include your project manual with some activities completed this year. Also, exhibit your dog on a leash or controlled in some manner.

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

Dog Showmanship
- Junior Showmanship (for handlers age 8 to 13 (as of 9/1/20)
- Senior Showmanship (for handlers age 14 and older (as of 9/1/20)

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

Dog Animal Science (SF 50135)
Prepare a display focusing on any activity related to the dog project. Demonstrate the skills and knowledge you have gained through the animal project you studied. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Live animals are not permitted as exhibits in this area. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.

*Animal Science Dog Ready4Life Challenge: (SF 50137)
(Open to 11- to 18-year-olds enrolled in any Dog project)
*Dog Maker (SF 50400) **(See page 4, #9 for explanation of this class)**

DRONES: UNMANNED AERIAL VEHICLES/SYSTEMS

Each county may submit 2 entries from each class.

Choose one of the following classes based on your interest and skill level.
Each Exhibitor must complete all three sections of Quads Away Curriculum and display (or upload) a completed Mission Logbook.

UAV Display (SF 50415)
Prepare a display related to the Drones/UAV project on the topic of your choosing. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Non-UAV/ Drone projects should not be entered in this class (see Aerospace Display).

UAV Unmanned Aerial Systems (SF 50416)
Exhibit one Unmanned Aerial Vehicle and associated system assembled or made by the member. UAV or Drone exhibits in this class must be either originally designed or built from a kit of reconfigurable parts and components. These displays are limited to multicopters (tri, quad, hex, and octocopters), as well as FPV airplanes and flying wings with wingspans up to 36". A detailed build log with pictures, as well as a Mission Logbook must be included. The UAV MUST have a Flight Controller and utilize a camera/video transmission system. The exhibit will be a static display. The Drone should be in good flying condition with batteries fully charged, and all UAS components (including Video System) ready to demonstrate. DO NOT display your UAV with the propellers on, but rather on the table to the side of your UAV. The Drone will not be flown. Attach the printed directions/instructions of the UAV if any were used.

ELECTRICITY

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

Electricity 1 (SF 50177)
(May only be battery-powered projects using battery components and wiring). Exhibit a momentary switch, simple switch, basic circuit, electromagnet, galvanometer, **OR** an electric motor. All projects must include a report explaining how the project was constructed and the principles demonstrated. Recommendations can be found on the website. Projects using paper clips, cardboard, thumbtacks, & 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)

*Electricity Maker (SF 50400)
(See page 4, #9 for explanation of this class)

ENTOMOLOGY GENERAL
Each county may submit 2 entries total from 50183, 50184, 50185, 50186; 1 entry from Class 50187.
Size and number of exhibit cases should relate appropriately to the number of insects being displayed for a specified class. Cases should be no deeper than 4". Exhibitors should note that Entomology exhibits may be placed UPRIGHT for display.

Entomology 1 (SF 50183)
Exhibit 15 or more species representing four or more orders. Collection must be accurately labeled. Exhibitors must also include the Entomology 1 project manual*, Teaming With Insects 1,* with at least one completed activity for each year enrolled. The project manual must be included. Rules for pinning and labeling insects are available from your local Extension office.

Entomology 2 (SF 50184)
Exhibit 30 or more species representing eight or more orders. Collection must be accurately labeled. Exhibitors must also include the Entomology 2 project manual, *Teaming With Insects 2,* with at least one completed activity for each year enrolled. The project manual must be included. Rules for pinning and labeling insects are available from your local Extension office.

Entomology 3 (SF 50185)
Exhibit 60 or more species representing twelve or more orders. Collection must be accurately labeled. Exhibitors must also include the Entomology 3 project manual, *Teaming With Insects 3,* with at least one completed activity for each year enrolled. The project manual must be included. Rules for pinning and labeling insects are available from your local Extension office.

Entomology Display (SF 50186)
Open to youth enrolled in Entomology 1, Entomology 2 or Entomology 3
Exhibit any activity or display related to Entomology that does not fit into Entomology Classes 1, 2 or 3 above. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

*Entomology Ready4Life Challenge: (SF 50187)
(Open to 11- to 18-year-olds enrolled in any Entomology project)
*Entomology Maker (SF 50400)
(See page 4, #9 for explanation of this class)

ENTOMOLOGY BEEKEEPING

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

Create an exhibit that shows the public what you learned in the beekeeping project this year. **Note**: No 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 honeybees. 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 honeybees or beekeeping.
- Extracted Honey: Three (3) 1# jars (glass)
- Chunk Honey (comb in a jar): Three (3) 1# jars (wide-mouth glass)
- Cut-comb Honey: Three (3) 1# boxes (boxes are usually 4 ½" x 4 ½" in size)
- 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)
- Section honey: three (3) sections of comb honey (in basswood boxes or Ross rounds) or
- Prepare an educational display about honeybees or beekeeping.

*Entomology Beekeeping Ready4Life Challenge: (SF 50384)
(Open to 11- to 18-year-olds enrolled in any Entomology project)

*Beekeeping Maker (SF 50400)
(See page 4, #9 for explanation of this class)

ESPORTS

Each county may submit 3 entries from 50430.
All exhibitors must complete all activities in the Illinois 4-H eSports Pilot Curriculum.

eSports (SF 50430)
Compete in at least 1 ranked tournament online or in person (either as a team or solo), and fully document your progress throughout. Any game with a documentable bracket system, at least 3 rounds and a prize count. Be sure to include a description of the tournament, your match information, your win-loss record, and description of the game and platform being used to play the game (Ram requirements/capabilities of your machine, video card specs., etc.). Prepare a PowerPoint presentation describing your journey through eSports (including your 1 mandatory tournament), what you have learned about gaming/eSports, and why you think more youth should be involved. Also include a detailed description of your most important win, explaining your strategy in that victory. Be sure to include screenshots and video, if possible. Load your presentation to a USB drive, and be sure to add narration if uploading for virtual exhibition.

EXPLORATORY

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

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

Family Heritage (SF 50197)
Prepare an exhibit of items, pictures, maps, charts, slides/tapes, drawings, illustrations, writings or displays that depict the heritage of the member's family or community or 4-H history. Please note: Exhibits are entered at 4-H'ers own risk. 4-H is not responsible for loss or damage to family heirloom items or any items in this division. Displays should not be larger than 22" x 28" wide. If the size needs to be a different size because the historical item is larger than 22'x28" please contact the superintendents for approval.

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

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

FOODS & NUTRITION

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

4-H Cooking 101 (SF 50200)
Using the recipes included in the project manual, prepare an exhibit of 3 cereal marshmallow bars; **OR** ¼ of 8" square or round coffeecake; **OR** 3 cookies. No icing should be on any products. If you make changes to the recipe, bring a copy of the recipe with your changes. Bars, coffeecake, or cookies should be displayed on a disposable plate placed in a zip-sealing plastic bag. *In addition to your food exhibit*, complete the *What's on Your Plate? Activity* on pages 10-11 in the 4-H Cooking 101 project manual. Bring a document with printed pictures of your 3 or more plates and the answers to questions 1-7 to remain on display with your project. The words on the plates must be legible and clearly visible in the picture. Pictures, graphics or photos are acceptable.

4-H Cooking 201 (SF 50201)
Using the recipes included in the project manual, prepare an exhibit of 3 cheese muffins; **OR** 3 scones; **OR** ½ loaf (9" x 5") of basic nut bread. If you make changes to the recipe, bring a copy of the recipe with your changes. Bread, muffins, or scones should be displayed on a disposable plate placed in a zip-sealing plastic bag. *In addition to your food exhibit*, complete *Experiment with Meal Planning Activity* on page 91 in the 4-H Cooking 201 project manual. Bring either page 91 with your completed answers or a document with the answers to remain on display with your project along with a picture of the meal you prepared. You do **not** need to complete the Challenge Yourself section on page 91.

4-H Cooking 301 (SF 50202)
Using the recipes included in the project manual, prepare an exhibit of 3 dinner rolls; **OR** loaf of yeast bread; **OR** 1 tea ring; **OR** 3 sweet rolls; **OR** one layer of a Rich White Cake or Rich Chocolate Cake, top side up (*without frosting*). If icing is used on the tea ring or sweet rolls, the recipe for the icing must also come from the book. The yeast bread/roll dough may be prepared in a bread making machine; however prepared mixes are not permitted. If you make changes to the recipe, bring a copy of the recipe with your changes. Display exhibit on a disposable plate or pie tin and place in a zip-sealing plastic bag. *In addition to your food exhibit*, complete one of the six experiments: *Experiment with Flour* p. 33-34, *Experiment with Kneading* p. 35-36, *Experiment with Yeast* p. 37-38 or 39, *Experiment with Butter* p. 62-63 or *Experiment with Cheese* p. 104-105. Bring a document with a printed picture of your experiment and the answers to the experiment questions to remain on display with your project.

4-H Cooking 401 (SF 50203)
Using the recipes included in the project manual, prepare an exhibit of ¼ of a 15" x 10" loaf of focaccia bread (do not include dipping oil); **OR** one baked pie shell – traditional, oil, or whole wheat (no graham cracker); **OR** ¼ Golden Sponge Cake, top side up, without frosting; **OR** ½ loaf French Bread. If you make changes to the recipe, bring a copy of the recipe with your changes. Display exhibit on a disposable plate and place in a zip-sealing plastic bag. *In addition to your food exhibit*, pick one of the recipes from Cooking 401 that is not a choice for exhibit. Make the recipe and take a picture of the results. Bring a document with a printed picture of the food you made from the recipe and the answers to the following two questions: 1.) If you made this recipe again, what would you do differently? 2.) What did you learn that can help you in other ways besides preparing food?

Food Science 1 (SF 50204)
Prepare a display, digital presentation, or poster on one of the food science experiments from the manual that you completed. Share 1) the food science question you investigated; 2) process used to conduct the experiment; 3) results and observations; 4) what you learned; and 5) how you have applied this information. You must furnish any equipment you need for the exhibit. Internet service is not provided. All exhibits must include something visual, such as a printed copy of a digital presentation. Electronic equipment will only be used during your judging time and will not remain on display during the exhibit period.

Food Science 2 (SF 50204)
Prepare a display, digital presentation, or poster on one of the food science experiments from the manual that you completed. Share 1) the food science question you investigated; 2) process used to conduct the experiment; 3) results and observations; 4) what you learned; and 5) how you have applied this information. You must furnish any equipment you need for the exhibit. Internet service is not provided. All exhibits must include something visual, such as a printed copy of a digital presentation. Electronic equipment will only be used during your judging time and will not remain on display during the exhibit period.

Food Science 3 (SF 50204)
Prepare a display, digital presentation, or poster on one of the food science experiments from the manual that you completed. Share 1) the food science question you investigated; 2) process used to conduct the experiment; 3) results and observations; 4) what you learned; and 5) how you have applied this information. You must furnish any equipment you need for the exhibit. Internet service is not provided. All exhibits must include something visual, such as a printed copy of a digital presentation. Electronic equipment will only be used during your judging time and will not remain on display during the exhibit period.

Food Science 4 (SF 50204)
Prepare a display, digital presentation, or poster on one of the food science experiments from the manual that you completed. Share 1) the food science question you investigated; 2) process used to conduct the experiment; 3) results and observations; 4) what you learned; and 5) how you have applied this information. You must furnish any equipment you need for the exhibit. Internet service is not provided. All exhibits must include something visual, such as a printed copy of a digital presentation. Electronic equipment will only be used during your judging time and will not remain on display during the exhibit period.

Sports Nutrition (SF 50206)
Prepare a display, digital presentation, or poster on one of the activity chapters in the manual that you completed. The activity chapters are listed by page number in the table of contents. Your exhibit should include, at minimum, information on one physical fitness component and one food/recipe component from the activity chapter. The exhibit should include the project manual with the pages of the activity completed. You may also include live demonstration of physical activities. Do not bring food made using the recipes, but consider adding pictures of the completed recipes to your exhibit. You must furnish any equipment you need for the exhibit. Internet service is not provided. All exhibits must include something visual, such as a printed copy of a digital presentation. Electronic equipment will only be used during your judging time and will not remain on display during the exhibit period.

> Examples for Activity 1
> Example A: Make a video of yourself practicing flexibility, strength and endurance physical fitness activities and making pasta salad with different vegetable, pasta and dressing ideas. Bring a 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. **<u>No freezer jam exhibits will be allowed for Freezing; Jams, Jellies, and Preserves; or for the Preservation Combination options.</u>**
- **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: (50210)
(Open to 11- to 18-year-olds enrolled in any Foods project)
*Foods Maker (SF 50400)
(See page 4, #9 for explanation of this class)

Food Demonstration (not eligible for state fair)

Food demonstrations should be approximately 8-10 minutes in length; however, there will not be a time penalty. The time limit will be taken into consideration at the judges' discretion. Demonstrations may be done by an individual or team of two members. Refer to the ***Illinois 4-H Foods Demonstration Guide*** found on the Illinois 4-H web site under *Members: 4-H Projects: Healthy Living; Foods and Nutrition*. Exhibitors are responsible for furnishing all equipment and supplies. The food demonstration must relate to the state-offered project area in which the member(s) is/are enrolled.

FORESTRY

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

Forests of Fun 1 (SF 50212)

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

Forests of Fun 2 (SF 50213)

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

Forests of Fun 3 (SF 50214)

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

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

*Forestry Maker (SF 50400)
(See page 4, #9 for explanation of this class)

GEOLOGY

Each county may submit 3 entries total from 50218, 50219, 50220, 50221, 50222; and 1 entry from 50224.
Size and number of exhibit cases should relate appropriately to the number of specimens being displayed for a specified class. Specimens are not limited to Illinois locations. All levels of Geology use the same manual, Geology-Introduction to the Study of the Earth.

Pebble Pups 1 (SF 50218)

Display 8 to 19 rocks and mineral specimens with three minerals in the 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)
*Geology Maker (SF 50400)
(See page 4, #9 for explanation of this class)

GOATS

- a. Dairy Goats - Does - age 1-6 mos.
- b. Dairy Goats - Does - age 6 mos. to yearling (dry)
- c. Dairy Goats – Does – age 1 to 2 years (dry)
- d. Dairy Goats - Milking Does
- e. Dairy Goats – Buck Kid – born on or after January 15 of current year (2021)
- f. Dairy Goats - Wether - age 6 mos. to 1 year (may exhibit 2)
- g. Pygmy Goats – Does – age 1-6 mos.
- h. Pygmy Goats – Does – age 6 mos. to yearling
- i. Pygmy Goats – Does – 1 year +
- i. Pygmy Goats – Wether – age 6 mos. to 1 year (may exhibit 2)
- j. Meat Goats - Does - age 1-6 mos.
- k. Meat Goats - Does - age 6 mos. to yearling (dry)
- l. Meat Goats - Milking Does
- m. Meat Goats - Wether – born after October 1, 2020 (may exhibit 2)
- n. Meat Goats – Buck Kid – born on or after January 15 of current year (2021)
- o. Meat Goats – Carcass

Goat Animal Science (SF 50135)
Prepare a display focusing on any activity related to the goat project. Demonstrate the skills and knowledge you have gained through the animal project you studied. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Live animals are not permitted as exhibits in this area. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.

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

*Goat Maker (SF 50400)
(See page 4, #9 for explanation of this class)

HEALTH
Each county may submit 3 entries total from 50226, 50227, 50228, 50229; and 1 entry from 50231.
Health 1 (SF 50226)
Select four First Aid Skills and complete the activities for that section. Bring the project book and be prepared to discuss the completed sections. Exhibit a family first aid kit and be prepared to explain what each 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 - Your Thoughts Matter – Navigating Mental Health (not eligible for state fair)
Prepare an exhibit that demonstrates the knowledge and understanding gained through completion of the Your Thoughts Matter Member Project Guide. Exhibit the following 1) a poster or display that highlights activities and knowledge gained as you completed any two of activities 1 – 9 included in the curriculum; AND 2) the item you created in Activity 10 - the flyer, website, video, or other promotional tool that points individuals to the resources you found. To exhibit in this project area, 4-H members must have been involved in a 4-H Your Thoughts Matter SPIN Club experience.

Health Innovation Class (SF 50229)
Open to youth enrolled in Health 1, 2 or 3.
Demonstrate the skills and knowledge you have gained through the Health project. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

*Health Ready4Life Challenge: (SF 50231)
(Open to 11- to 18-year-olds enrolled in any Health project)
*Health Maker (SF 50400)
(See page 4, #9 for explanation of this class)

HORSE

Members may exhibit up to two horses/ponies (please read point calculations for details). Horses/ponies may be owned or leased. Ownership and lease forms may be obtained from the extension office or 4-H leader. These forms must be complete with all animal information, required signatures, and turned in to the extension office no later than May 1. One form should be filled out for each horse/pony that exhibitor will be showing or possibly showing. If there is no form on file, that animal may not be shown. Project replacements made after May 1 (due to illness, death, etc) may be allowed upon proof (veterinary certificate) and approval by the Agriculture Committee.

Premium Classes

    a.   Pony Halter
    b.   Horse Halter
    c.   Showmanship (Halter)
    d.   Driving Class
    e.   Horse Walk-Trot
    f.   Pony Walk Trot
    g.   Western Pleasure
    h.   English Pleasure
    i.   Horsemanship
    j.   Trail Class

Fun Classes

    k.   Egg & Spoon
    l.   Pole Race
    m.   Catalog Race
    n.   Barrel Race
    o.   Flag Race

All exhibitors need to be in western attire—hat, boots, jeans, and long sleeve shirt. It will be the judge's discretion to inspect entries for the use of appropriate tack and equipment. The judge will decide if bridles, tie downs, etc. that are ordinarily considered illegal in a show ring may be used.

Explanation of classes

Pony Halter—judged on conformation of the pony. The best looking animal is the winner, even if the exhibitor does not do the best job of showing it.

Horse Halter—judged on conformation of the horse. The best looking animal is the winner, even if the exhibitor does not do the best job of showing it.

Showmanship at Halter—horse or pony. Judging is based on the way the animal is exhibited to the judge. Conformation is not a factor, but grooming and preparation are. The exhibitor who keeps eye contact with the judge, moves around the horse or pony correctly, and best performs maneuvers requested will be the winner. The judge usually requests that a simple pattern be done.

Pleasure Driving Class—Pleasure Driving is show ring competition. Horses and/or ponies are hitched to antique vehicles, replicas, or wagons. Classes or divisions are based on the animal (pony, mule, draft, mini), the driver, and/or the experience of horse or driver. In a pleasure driving class, a number of gaits will be expected of your horse. The walk, the trot, and the extended trot (working trot). Competitors will often be asked to change direction across the diagonal at the walk. Members must provide their own equipment.

Horse Walk-Trot—horse or pony. Animals are judged on how quietly and smoothly they execute the walk and trot gaits. They should stay on the rail of the arena and work with a reasonably loose rein. The one who performs the best will be the winner.

Western Pleasure—horse or pony. Animals are to work on the rail at a walk, trot and lope. They should exhibit a smooth gait on a reasonably loose rein, take the proper leads and back willingly when asked. Horsemanship of the rider will not be taken into consideration, but does, of course, relate to the horse's performance. The horse that performs best will be the winner.

Horsemanship—horse or pony. Each horse and rider is asked to perform a simple pattern drawn up by the judge. Work at a walk, trot, and lope on the rail may also be requested. The class will be judged on how well the horse and rider perform together. The amount of control the rider has, the willingness of the horse to perform the maneuvers requested, the way the rider sits in the saddle, proper position of feet and legs, and cleanliness of tack and equipment are factors that will be considered. It would be possible for a horse to make a mistake and still do well if the rider demonstrates that he or she recognizes the mistake and corrects it.

Trail--This class is judged on the performance of the horse over obstacles with emphasis on manners, and responsiveness to the rider's cues. All three gaits may or may not be used. Obstacles may include small logs, a gate, a low bridge. There may be cones or logs for a back through. There may be logs used for a side pass. A rain coat, or a bucket may need to be transported a short distance. A mail box may need to be opened, mail taken out, put back in, and closed. Logs may be placed in the shape of a box in which a turn will be executed. The pattern is made to the judge's discretion and is posted before the show.

Fun Events:

Egg and Spoon—horse or pony. Each rider is given a spoon and must balance a raw egg on it while riding the horse. Exhibitors may be asked to walk, trot, lope, take feet out of the stirrups, etc. The rider who keeps the egg balanced in the spoon the longest is the winner.

Barrel Race—horse or pony. This is a timed event in which a rider crosses the starting line, maneuvers the horse around three barrels set up in the arena in a clover leaf pattern, and crosses the finish line. It is permissible to go to the right around the first barrel and to the left around the other two, or the pattern can be run to the left around the first barrel and to the right around the other two. Depending on which direction the rider decides to go first, he or she will begin at the barrel in the appropriate location in the arena. The winner will be the one who completes the correct pattern the fastest. Going off pattern is reason for disqualification. Knocking down a barrel adds a five second penalty to the time.

Catalog Race—horse or pony. The horse and rider cross the starting line and run to the other end of the arena where there is a large barrel with a catalog on top. The rider dismounts from his horse, and gives it to someone who is there to hold it. He or she then finds the specific catalog page the judge has requested, tears it out, closes the book, remounts the horse and runs back across the finish line. The fastest time wins, but the rider must remember to close the book or be disqualified

Horse Animal Science (SF 50135)
Prepare a display focusing on any activity related to the horse project. Demonstrate the skills and knowledge you have gained through the animal project you studied. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Live animals are not permitted as exhibits in this area. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.

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

*Horse Maker (SF 50400)
(See page 4, #9 for explanation of this class)

HORTICULTURE: FLORICULTURE

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

Floriculture A (SF 50192)
Exhibit one of the following options:
- Create a flower arrangement; either a round arrangement or a bud vase. No silk flowers are permitted; **OR**
- Create a photo collage or a collection of pictures of flowers that you have raised. Label your flowers by name and tell if you started with a seed, cutting or transplants. Mount pictures on a poster board; **OR**
- Exhibit in one container, 3 stems of blooms - each with attached foliage. Foliage that would go inside the container may be removed. All three blooms or stems should be the same variety, color, shape and size and must have been grown from seed, young seedling plants, bulbs or rhizomes by the exhibitor. (NOTE: Exhibitors choosing lilies should include no more than 2/3 of foliage for their exhibit.)

Floriculture B (SF 50193)
Exhibit one of the following options:
- Display a mixed planter that may include herbs with foliage plants and/or flowering plants. The planter should include three or more kinds of plants. The container exhibit space must not exceed 18"x18".
- Create an artistic display of dried flowers and/or herbs explaining how each was dried; **OR**
- Create a photo collage or collection of pictures of plants from your theme garden. Label your plants by name and explain how the plants were chosen to fit the theme.

Floriculture C (SF 50194)
Exhibit one of the following options:
- Create a terrarium. Selected plants should be started by the exhibitor from cuttings or seeds or as purchased plugs. The terrarium must be cared for by the exhibitor for at least 5 months. Exhibitor should be able to explain the different plant, soil, and environmental needs and watering requirements of a closed system; **OR**
- Exhibit a plant that you propagated from cuttings, layering or division or started from seed. Create a photo board showing the progression of growth. Tips for vegetative propagation of houseplants can be found 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)
*Floriculture Maker (SF 50400)
(See page 4, #9 for explanation of this class)

HORTICULTURE: VEGETABLE GARDENING

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

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

Herb Display (SF 50313)
(Open to youth in Vegetable Gardening A, Vegetable Gardening B, Vegetable Gardening C, and Vegetable Gardening D)

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

Vegetable Display (SF 50314)
(Open to youth in Vegetable Gardening A, Vegetable Gardening B, Vegetable Gardening C, and Vegetable Gardening D)
1. This class is allowed a 2'6" x 2'6" space for display.
2. Display must include 6 or more different kinds of vegetables. There may not be more than 2 different varieties of any vegetable. For example, red and white potatoes would be classified as two different varieties. Acorn squash and zucchini would be classified as two different vegetables.
3. The number and type of vegetables used must conform to the Vegetable Plate/Basket List.
4. Exhibitors must provide the name and variety of all vegetables used (i.e. Cabbage – Golden Acre; Cucumber, slicing – Straight Eight; Tomatoes, slicing – Rocky Top; Snap Beans – Contender, etc.).

Vegetable Plate (SF 50315)
(Open to youth in Vegetable Gardening A, Vegetable Gardening B, Vegetable Gardening C, and Vegetable Gardening D)
1. Exhibit must include 2 single vegetable plates. (Exhibitor will furnish the disposable plates.)
2. Number of vegetables on plates must conform to plate list below.
3. Only one variety on each plate.
4. An exhibitor cannot show two plates of the same type vegetable. (i.e.: Cannot exhibit red *and* white potatoes or zucchini *and* straightneck summer squash.)

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

Asparagus (5 spears)	Eggplant (1)
Beans, Lima (12 pods)	Garlic (5)
Beets (5)	Kohlrabi (5)
Broccoli (1 head)	Lettuce (1 head or plant)
Brussels sprouts (12 sprouts)	Muskmelon incl. cantaloupe (1)
Cabbage (1 head)	Okra (12)
Cauliflower (1 head)	Onions, large, dry (5)
Carrots (5)	Onions, green or set (12)
Cucumber, pickling or slicing (5)	Parsnips (5)

Peas, (12 pods)

Peppers, large fruited (bell/banana) (5)

Peppers, small fruited (chili/cherry) (12)

Popcorn (5)

Potatoes (any variety) (5)

Pumpkin (1)

Rhubarb, trimmed stalks (3)

Rutabaga (5)

Salsify (5)

Squash, summer (any variety) (3)

Sweet Corn, in husks (5)

Tomatoes, slicing (5)

Tomatoes, small fruited (12)

Turnip (5)

Watermelon (1)

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)

*Vegetable Gardening Maker (SF 50400)

(See page 4, #9 for explanation of this class)

INTERCULTURAL

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

Passport to the World, Individual (SF 50233)

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

Diversity & Cultural Awareness (SF 50234)

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

*Intercultural Ready4Life Challenge: (SF 50236)

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

*Intercultural Maker (SF 50400)

(See page 4, #9 for explanation of this class)

Intercultural, Club, Includes *Passport to the World, Diversity & Cultural Awareness,* **and** *Latino Cultural Arts* **Projects** (SF 50235)
Exhibit a display illustrating the steps that the club has completed on the project selected for the year. Include a written outline or report of accomplishments and future goals. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what the club members have learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. The display must be accompanied by 3 or more club exhibitors at the time of the judge's critique. Club members should make a 5- to 10-minute presentation to the judge**.** All club members present for the judge's critique should be able to discuss the project and answer questions. Only club members present for judging who participate in the actual critique and presentation are eligible for ribbons and premiums. Due to space restrictions, exhibits are limited to 2' 6" wide and 15" deep.

INTERIOR DESIGN

Each county may submit 2 entries total from 50242, 50243, 50244, 50245; and 1 entry from 50247.
Design Decisions, Beginning (SF 50242)
Any exhibit must have been created or redesigned by the exhibitor as part of their current Interior Design 4-H project. Exhibitors should be knowledgeable about various aspects of the project. Exhibits could include items such as, but not limited to, comparison studies of different products or techniques; made accessories, wall-hangings, window coverings, or furniture items; refinished or redesigned furniture; or a plan to solve some type of interior design problem. Exhibit should be appropriate to the exhibitor's age, skills and ability in this project.

Design Decisions, Intermediate (SF 50243)
Any exhibit must have been created or redesigned by the exhibitor as part of their current Interior Design 4-H project. Exhibitors should be knowledgeable about various aspects of the project. Exhibits could include items such as, but not limited to, comparison studies of different products or techniques; made accessories, wall-hangings, window coverings, or furniture items; refinished or redesigned furniture; or a plan to solve some type of interior design problem. Exhibit should be appropriate to the exhibitor's age, skills and ability in this project.

Design Decisions, Advanced (SF 50244)
Any exhibit must have been created or redesigned by the exhibitor as part of their current Interior Design 4-H project. Exhibitors should be knowledgeable about various aspects of the project. Exhibits could include items such as, but not limited to, comparison studies of different products or techniques; made accessories, wall-hangings, window coverings, or furniture items; refinished or redesigned furniture; or a plan to solve some type of interior design problem. Exhibit should be appropriate to the exhibitor's age, skills and ability in this project.

Interior Design Innovation Class (SF 50245)
Open to enrolled in Interior Design.
Demonstrate the skills and knowledge you have gained through the Interior Design project. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.
*Interior Design Ready4Life Challenge: (SF 50247)
(Open to 11- to 18-year-olds enrolled in the Interior Design project)
*Interior Design Maker (SF 50400)
(See page 4, #9 for explanation of this class)

LEADERSHIP

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

Leadership 1 (SF 50249)
Create a binder portfolio with a minimum of four (4) completed activities each year from the areas noted below. Build upon your previous year's work. Photocopies or original pages of the completed activities from the book should be included in the portfolio.
- **First Year** – One activity from each of the following sections: Understanding Self; Communication; and Getting Along with Others, plus one of exhibitor's choice from the manual.
- **Second Year** – One activity from each of the following sections: Getting Along with Others; Learning to Learn; and Making Decisions, plus one of exhibitor's choice from the manual.
- **Third Year** – One activity from each of the following sections: Making Decisions; Managing; and Working with Groups, plus one of exhibitor's choice from the manual.

Leadership 2 (SF 50250)
Building upon your previous work, continue adding to your binder portfolio with a minimum of four (4) completed activities each year from the areas noted below. Photocopies or original pages of the completed activities from the book should be included in the portfolio.
- **First Year** – One activity from each of the following sections: Understanding Self; Communication; and Getting Along with Others, plus one of exhibitor's choice from the manual.
- **Second Year** – One activity from each of the following sections: Getting Along with Others; Learning to Learn; and Making Decisions, plus one of exhibitor's choice from the manual.
- **Third Year** – One activity from each of the following sections: Making Decisions; Managing; and Working with Groups, plus one of exhibitor's choice from the manual.

Leadership 3 (SF 50251)
Building upon your previous work, continue adding to your binder portfolio with a minimum of four (4) completed activities each year from the areas noted below. Photocopies or original pages of the completed activities from the book should be included in the portfolio.
- **First Year** – One activity from each of the following sections: Understanding Self; Communication; and Getting Along with Others, plus one of exhibitor's choice from the manual.
- **Second Year** – One activity from each of the following sections: Getting Along with Others; Learning to Learn; and Making Decisions, plus one of exhibitor's choice from the manual.
- **Third Year** – One activity from each of the following sections: Making Decisions; Managing; and Working with Groups, plus one of exhibitor's choice from the manual.

Leadership Innovation Class (SF 50252)
Open to youth enrolled in Leadership 1, 2, or 3.
Demonstrate the skills and knowledge you have gained through the Leadership project. **Your exhibit should not fit in the other exhibit options for this project.** The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

*Leadership Ready4Life Challenge: (SF 50255) **(Open to 11- to 18-year-olds enrolled in any Leadership project)**
*Leadership Maker (SF 50400) **(See page 4, #9 for explanation of this class)**

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Leadership Group Exhibit (SF 50254)
Open to clubs and groups whose members are enrolled in any Leadership project
Exhibit a display illustrating how your group has used the Teens As Leaders model effectively in your club, community, school, or state. Leadership activities might include planning, advising, promoting, mentoring, teaching or advocating for change. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. The display must be accompanied by 3 or more 4-H members at the time of the judge's critique. Club members should make a 5- to 10-minute presentation to the judge**.** All club members present for the judge's critique should be able to discuss the project and answer questions. Only club members present for judging who participate in the actual critique and presentation are eligible for ribbons and premiums. Due to space limitations, exhibits are limited to 2'6" wide and 15" deep.

MAKER

Each county may submit 3 entries total from 50400.

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

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

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

NATURE: NATURAL RESOURCES AND OUTDOOR ADVENTURES

Each county may submit 3 entries from 50256, 50257, 50258, 50259; 1 entry from 50267.
Electricity and water are NOT available for these displays. **NO live animals or reptiles are permitted in these exhibits.**
Natural Resources 1 (SF 50256)
Exhibit any item developed from the project book, *Step Into Nature.*

Natural Resources 2 (SF 50257)
Exhibit any item developed from the project book, *Explore the Natural World*.

Natural Resources 3 (SF 50258)
Exhibit any item developed from the project book, *Blaze the Trail.*

Outdoor Adventure 1-3 (SF 50259)
Exhibit a display illustrating an activity completed from the project manual.

*Natural Resources Ready4Life Challenge: (SF 50267)
(Open to 11- to 18-year-olds enrolled in any Natural Resources project)
*Natural Resources Maker (SF 50400)
(See page 4, #9 for explanation of this class)

NATURE: FISHING AND WILDLIFE

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

Sportsfishing 1 (SF 50260)
Exhibit a product or display made to complete an activity in the *Take the Bait* project manual. This could include, but is not limited to, displays on: different types of fishing tackle, identifying different baits and their uses (no actual bait, please) or identifying the anatomy of a fish. For safety reasons, lures must be placed in a plastic case.

Sportsfishing 2 (SF 50261)
Exhibit a product or display made to complete an activity in the *Reel in the Fun* project manual. This could include, but is not limited to, displays on: different types of knots or rigs and their use; a collection of fishing lures, labeled with their use; or information on preparing and cooking fish (not recipes). For safety reasons, lures must be placed in a plastic case.

Sportsfishing 3 (SF 50262)
Exhibit a product or display made to complete an activity in the *Cast into the Future* project manual. This could include, but is not limited to, displays on: making artificial flies and lures; researching effects of water temperature; sportsfishing careers; or identifying insects that fish eat. For safety reasons, lures must be placed in a plastic case.

Wildlife 1 (SF 50266)
Exhibit any activity developed from the project manual. Be able to explain the importance of and concept behind the exhibit.

Wildlife 2 (SF 50263)
Exhibit any activity developed from the project manual. (Ex. Create a display of the life history of an animal.) Within the exhibit, explain the importance of and concept behind the exhibit.

Wildlife 3 (SF 50265)
Exhibit any activity developed from the project manual. Be able to explain the importance of and concept behind the exhibit.

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.

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

PHOTOGRAPHY

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

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

ALL photos must be accompanied by details of the camera settings that include:
   a) Camera/device used
   b) Aperture (F-stop)
   c) Exposure time (shutter speed)
   d) ISO (film/sensor sensitivity)
   e) Lighting used (flash, artificial, sunlight, other)
   f) Lens Filters (Ultra-Violet, Polarizing, etc) if used.

Additional details required for Photo Editing ONLY:
   g) Photo editing software/application used (required for ALL edits and retouches except for cropping)
   h) Filters used (lens Filters and or digital/software filters)

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

The exhibition size requirements for all photographs will be:
Minimum image size: 5X7
Maximum image size: 8X10
Maximum exhibit size (including frame): 18X20
All exhibitors must include unframed (taped to the back of the framed exhibit or attached to the project booklet) **original or un-edited** versions of either the same subject or the examples of the same technique that the framed image represents. This will assist the judge in understanding the choices made by the photographer to build the exhibited composition.
NOTE: Images taken with devices that apply an automatic filter will not be eligible for award.

Photography 1 (SF 50268)
Exhibit one framed photo which demonstrates your understanding of a technique you learned from your Photography 1 project manual. No photo editing is allowed in this class except cropping and red eye removal. Be prepared to show the page in the manual of the technique you are demonstrating.

Photography 2 (SF 50269)
Exhibit one of the options listed below:
- Exhibit one framed 8x10 close-up photograph using the skills learned on page 62-63 (section: Bits and Pieces) of the project manual titled *Controlling the Image.* No of the project manual titled "Bits and Pieces." No photo editing is allowed in this class except cropping and red eye removal; **OR**
- Exhibit one framed 8"x10" photo which demonstrate your understanding of a technique you learned from your Photography 2 project manual. No photo editing is allowed in this class except cropping and red eye removal. Be prepared to show the page in the manual of the technique you are demonstrating.

Photography 3 (SF 50270)
Exhibit one of the options listed below:
- Exhibit one framed 8" x 10" still-life photo that demonstrates good composition, including color, form, texture, lighting and depth of field. No photo editing is allowed in this class except cropping and red eye removal; **OR**
- Exhibit one framed 8"x10" photo which demonstrate your understanding of a technique you learned from your Photography 3 project manual. No photo editing is allowed in this class except cropping and red eye removal. Be prepared to show the page in the manual of the technique you are demonstrating.

Photo Editing (SF 50271)
Open to members in Photography 1, Photography 2, and Photography 3.
Exhibit one framed 8" x 10" photo that has been altered using digital photo-editing techniques (beyond cropping and red-eye reduction). Include a print of the original photo(s), taped to the back of the photo frame. Photos in which an automatic filter was applied at the time the photograph was taken will not be eligible for award.

Photography Innovation Class: (SF 50272)
Open to youth enrolled in Photography 1, 2, and 3.
Demonstrate the skills and knowledge you have gained through the Photography project. **Your exhibit should not fit in the other exhibit options for this project.** The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. All exhibits must include one framed photo illustrative of the work you are presenting.

*Photography Ready4Life Challenge: (SF 50274)
(Open to 11- to 18-year-olds enrolled in any Photography project)

*Photography Maker (SF 50400)
(See page 4, #9 for explanation of this class)

PLANTS & SOILS

Plants & Soils 1 (not eligible for state fair)
Prepare a display or poster that illustrates an activity from the project manual. The display should demonstrate an understanding of environmental and internal factors that affect plant growth and the function and characteristics of soil. Include your project journal that documents activity recordkeeping requirements, answers activity questions, and details personal thoughts and ideas.

Plants & Soils 2 (not eligible for state fair)
Prepare a display or poster that illustrates an activity from the project manual. The display should demonstrate an understanding of the composition of plants, the functions of individual plant parts, plant life cycles, and the many ways plants reproduce. Include your project journal that documents activity recordkeeping, answers activity questions, and details personal thoughts and ideas.

Plants & Soils 3 (not eligible for state fair)
Prepare a display or poster that illustrates an activity from the project manual. The display should demonstrate an understanding of the relationship between soil and other cycles found in nature. Displays should also provide an example of a leadership or service-learning experience focused on environmental stewardship. Include your project journal that documents activity recordkeeping requirements, answers activity questions, and details personal thoughts and ideas.

*Plants & Soils Ready4Life Challenge: (not eligible for state fair)
(Open to 11- to 18-year-olds enrolled in any Plants & Soils project)
*Plants & Soils Maker (SF 50400)
(See page 4, #9 for explanation of this class)

POULTRY

Please note: No health forms are needed for the White County 4-H Show.
    a. Chickens
        a. Poultry Pen (1 male and 2 females OR 3 females)
        b. Single Chicken
        c. Single Market Chicken (8-16 weeks of age)
            Must be hatched between March 21 – May 16
    b. Ducks
        a. Poultry Pen (1 male and 2 females OR 3 females)
        b. Single Duck
        c. Single Market Duck (6-12 weeks of age)
    c. Geese
        a. Poultry Pen (1 male and 2 females OR 3 females)
        b. Single Goose
    d. Egg Production - One Dozen Eggs

Poultry Animal Science (SF 50135)

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

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

*Poultry Maker (SF 50400)
(See page 4, #9 for explanation of this class)

RABBITS

All rabbits must be owned and in the 4-H member's possession six weeks prior to the 4-H Show. All rabbits will be tattooed about 4 weeks prior to the show.

    a. Fancy Breeds (includes Angora, Checkered Giant, Dutch, English Spot, Lop, Rex, Flemish). If you have a breed not listed here check with the office if you are unsure whether it is fancy or commercial.
        a. Does - 2-6 mos.
        b. Bucks - 2-6 mos.
        c. Does - over 6 mos.
        d. Bucks - over 6 mos.
    b. Commercial Breeds (includes American, Californian, Chinchilla, New Zealand, Champagne, Satin). If you have a breed not listed here, check with the office if you are unsure whether it is fancy or commercial.
        a. Does - 2-6 mos.
        b. Bucks - 2-6 mos.
        c. Does - over 6 mos.
        d. Bucks - over 6 mos.
    c. Mixed Breeds
        a. Does - 2-6 mos.
        b. Bucks - 2-6 mos.
        c. Does - over 6 mos.
        d. Bucks - over 6 mos.
    d. Single Fryer
        a. Buck or Doe - 6 to 12 weeks old (Born April 18 – May 30)

Rabbit Animal Science (SF 50135)

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

ROBOTICS

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

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

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

Robotics 1: Beginning: (not eligible for state fair)
Exhibitors should complete Activities 1-6 in the Robotics 1 with EV3 project book. Exhibitors will design, build and program a robot that can autonomously follow a predetermined path that changes direction at least 4 times during a single run. They will bring their project book, their program code (on laptop or on paper), and a single page write up to share what they learned about the engineering design process and programming.

Robotics 1: Intermediate: (SF 50285)
Exhibitors should complete Activities 7-12 in the Robotics 1 with EV3 project book. Exhibitors will design, build and program a robot that uses at least one sensor to autonomously follow a path, respond to and/or avoid obstacles. Exhibitors in this class must use at least one sensor in their robot design. They will bring their project book, their program code (on laptop or on paper), and a short journal sharing what they learned about the engineering design process and programming throughout their work in the project and specifically while preparing the exhibit.

Robotics 2: (SF 50286)
Exhibitors should complete Activities 1-7 in the Robotics 2 EV3N More project book. Exhibitors will design, build and program a robot that uses sensors and programming to complete one of the challenges provided after registration. They will bring their project book, their program code (on laptop or on paper), and a short journal sharing changes they made to the robot and/or program along the way, and to describe their experience with completing the challenge.

Robotics Innovation Open Source Class (SF 50292)
Open to youth enrolled in Robotics 3, but may also include youth in Robotics 1 or 2 if the 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 programed 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)
*Robotics Maker (SF 50400)
(See page 4, #9 for explanation of this class)

SHEEP

    a.   Ewe Lamb – born after Jan. 1, 2021
    b.   Market Lamb (Wether)—born after Jan. 1, 2021 (may exhibit 2)
    c.   Ram – age 6 months and under
    d.   Yearling Ewe—born Jan. 1, 2020 to Aug. 31, 2020
    e.   Senior Ewe—born after Jan. 1, 2019

Sheep Animal Science (SF 50135)
Prepare a display focusing on any activity related to the sheep project. Demonstrate the skills and knowledge you have gained through the animal project you studied. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Live animals are not permitted as exhibits in this area. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.
*Animal Science Sheep Ready4Life Challenge: (SF 50137)
(Open to 11- to 18-year-olds enrolled in any Sheep project)

*Sheep Maker (SF 50400)
(See page 4, #9 for explanation of this class)

SHOOTING SPORTS
Each county may submit 2 entries total from 50401, 50402, 50403, 50404, 50405; and 1 from 50406.

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

NOTE: Shooting Sports Displays are <u>prohibited</u> from displaying the following:
- No live ammunition
- No knives or arrow tips (including field points, hunting broad heads, 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.

SMALL ENGINES
Each county may submit 1 entry total for 50294; and 1 entry for 50297.
Small Engine displays must be no larger than 4' x 4' display board. <u>Exhibits must be portable.</u> No complete engines, lawn tractors, tillers, chainsaws, etc. are permitted for display. No electrical power is available for displays/exhibits.
 Small Engines 1-3 (SF 50294)
Exhibit a display, selecting one of the following items:
- **Ignition System**: Identify the parts of the Ignition System and explain how magnetic energy is produced through the ignition system to ignite the spark plug.
- **Compression System**: Explain how heat energy is produced by an engine and converted into mechanical energy.
- **Heat Transfer**: Explain how heat is transferred through the cooling and lubrication system of an air cooled or water cooled engine.
- **Filter Maintenance**: Explain the proper maintenance and cleaning of the air, fuel and oil filters of an engine.
- **What does a serial number reveal**?: Explain the various information that can be learned from the serial number or identification number stamped on the shroud of a Briggs & Stratton engine.
- **Tools to do the job**: Identify and explain the function(s) of different specialty tools needed for small engine work.
- **Experimentation**: Explain through illustration an experiment you conducted from the project manual showing the results of your work.

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

*Small Engines Maker (SF 50400)
(See page 4, #9 for explanation of this class)

SMALL PETS

Members may exhibit in one or more of the small pets categories listed below. Not eligible for the State Fair.
Exhibit the display described below about your project, as well as your animal.

    a.   Cage Birds - Bring a bird you have raised in a cage along with feed you give the bird. Be able to tell some characteristics of the bird you have raised. Also make a display exhibiting something you learned from the project manual.

    b.   Cavy (guinea pigs) - Exhibit one guinea pig in a hutch. Bring a sample of the guinea's feed. Be prepared to discuss all aspects of raising guinea pigs, including feeding health, sanitary practices and breeding. Also make a display exhibiting something you learned from the project manual.

    c.   Hamster Production - Exhibit hamster in a suitable cage and bring a sample of food. Also make a display exhibiting something you learned from the project manual.

    d.   Tropical Fish - Exhibit a poster showing a sketch of your aquarium, labeling all parts and plants, and a written summary of the care of the aquarium and the care required for the type of fish you have. Also make a display exhibiting something you learned from the project manual.

    e.   Other Small Pets - exhibit in natural habitat. Be prepared to discuss all aspects of the project. Also make a display exhibiting something you learned from the project manual.

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.

SWINE

   a. Barrow - all born in current year on or after Jan. 1, 2021 (may exhibit 3)
   b. Gilt – farrowed on or after January 1, 2021
   c. Litter - consisting of 2 gilts and 1 barrow (gilts farrowed January 1 - February 28)
   d. Carcass

Swine Animal Science (SF 50135)
Prepare a display focusing on any activity related to the swine project. Demonstrate the skills and knowledge you have gained through the animal project you studied. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Live animals are not permitted as exhibits in this area. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.

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

*Swine Maker (SF 50400)
(See page 4, #9 for explanation of this class)

TECHNOLOGIES
(WHEN CHOOSING THIS AS A PROJECT IN 4-H ONLINE, CHOOSE COUNTY-STEM)
3-D PRINTING & DESIGN: Choose one of the following classes based on your interest and skill level.
3-D Design Beginner (not eligible for State Fair)
No 3-D Printer or 3-D printed object is required for this exhibit. Exhibit a simple 3-D rendered design using Computer Aided Design (CAD) Software such as Tinker CAD or Inventor. The design must be an object that performs a specific task, and 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 COMMERCIALLY 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 COMMERCIALLY 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: (SF 50280)
(Open to 11- to 18-year-olds enrolled in any 3-D project)

*3-D Printing & Design Maker (SF 50400)
(See page 4, #9 for explanation of this class)

THEATRE ARTS

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

Theatre Arts 1 (SF 50299)
Exhibit one of the following items:
- Portfolio of acting activities completed during the current year (A video of performances is not considered a portfolio and will not be accepted for exhibit.); **OR**
- Display illustrating a drawing/photograph of a clown character created by the exhibitor; **OR**
- Display illustrating a picture story developed by the exhibitor.

Theatre Arts 3 (SF 50301)
Exhibit one of the following items:
- Portfolio of activities for set design; make-up; or sound, props, or costuming completed during the current year; **OR**
- Display that includes sound, props and costume charts appropriate for a selected scene from a story or play (limited to no more than 8 items); **OR**
- Display a scenic design model to depict a scene from a script; **OR**
- Display illustrating a character with make-up drawn or colored in. Include a photograph of a person wearing the make-up and information on the character's personality or part in the play.

Theatre Arts Innovation Class (SF 50302)
Open to youth enrolled in Theatre Arts.
Demonstrate the skills and knowledge you have gained through Theatre Arts project. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.
*Theatre Arts Ready4Life Challenge: (SF 50304)
(Open to 11- to 18-year-olds enrolled in any Theatre project)
*Theatre Arts Maker (SF 50400)
(See page 4, #9 for explanation of this class)

TRACTOR

Each county may submit 2 entries total for 50306, 50307, 50308, 50309, 50310; and 1 entry for 50312.
Tractor A (SF 50306)
Exhibit a display or poster that illustrates one of the following topics: tractor safety; care and maintenance; the tractor as a valuable farm machine; or an activity listed in the project manual.

Tractor B (SF 50307)
Exhibit a display or poster that illustrates one of the following topics: cause and prevention of rollovers, diagram how an air cleaner works, diagram & identify an engine cooling system, regulations for battery & oil disposal, or another activity listed in the 4-H project manual.

Tractor C (SF 50308)
Exhibit a display or poster that illustrates one of the following topics: wagon and bin hazards, diagram and identify open and closed hydraulic systems, mower types and safety features conveyor types and safety features, or another activity listed in the 4-H project manual.

Tractor D (SF 50309)

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

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

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

*Tractor Ready4Life Challenge: (SF 50312)
(Open to 11- to 18-year-olds enrolled in any Tractor project)
*Tractor Maker (SF 50400)
(See page 4, #9 for explanation of this class)

VETERINARY SCIENCE

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

(Open to youth in Veterinary Science 1, Veterinary Science 2, and Veterinary Science 3)

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

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

*Veterinary Science Maker (SF 50400)
(See page 4, #9 for explanation of this class)

VIDEO/FILMMAKING

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

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

Requirements that apply to ALL video classes:

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

Commercial or Promotional Video (SF 50324)

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

Animated Video (SF 50325)

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

Documentary (SF 50326)

Video in this class should represent a research-based investigation into a topic of choice. Video credits should list research sources and may include paper or electronically published materials, as well as, 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)**
*Video/Film Maker (SF 50400) **(See page 4, #9 for explanation of this class)**

VISUAL ARTS

Each county may submit one entry from these projects:
- Food/Cake Decorating (1 total from 50332, 50333, 50334, 50335)
- Chalk/Carbon/Pigment on wood, metal or textiles (Division B) 50352
- Clay 50337
- Computer-Generated Art 50338
- Fiber 50339
- Fiber Non-Original Ages 8-10 Only 50350
- Glass/Plastic 50340
- Heritage Arts 50341
- Leather 50321
- Metal 50342
- Nature 50343
- Paper 50344
- Scrapbooking (1 total from 50345, 50346, 50347)
- Three-Dimensional Design/Mixed Media 50348
- Wood 50349
- Ready4Life 50351

Each county may submit two entries from:
- Chalk/Carbon/Pigment on canvas, paper or glass (Division A) 50336
- Scrapbooking (2 total from 50345, 50346, 50347)

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

Articles exhibited must be an original design created by the exhibitor (except in heritage arts which may follow a pattern AND Fiber-Non Original Ages 8-10 ONLY). Copyrighted or trademarked designs are not acceptable; this includes Team or School logos. Kits and preformed molds are not considered original and are not acceptable in any Visual Arts Class. Combining parts of different patterns (pictures, photographs, images from the internet or a magazine) with the member's own ideas can result in an original design, but simply changing the color, pattern and/or size of a pattern does NOT make the design original. This also applies for ideas found on a site such as Pinterest. If you see something on Pinterest that you like, 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/Cake Decorating Beginning (SF 50332)
Exhibit one of the following:
- Exhibit four decorated cookies, using a minimum of four different techniques. Exhibit may use cookies OR cookie forms.
- Exhibit four decorated cupcakes, using a minimum of four different techniques. Exhibit may use cupcakes OR cupcake forms.
- Exhibit a single layer decorated cake, using a minimum of four different techniques. Exhibit may use cake OR cake form.

Visual Arts Food/Cake Decorating Intermediate (SF 50333)
Exhibit one of the following:
- Exhibit four decorated cookies, using a minimum of five Level 2 techniques. Exhibit may use cookies OR cookie forms.
- Exhibit four decorated cupcakes, using a minimum of five Level 2 techniques. Exhibit may use cupcakes OR cupcake forms.
- Exhibit a single layer or two-layer cakes, using a minimum of five Level 2 techniques. Exhibit may use cake OR cake form.

Visual Arts Food/Cake Decorating Advanced (SF 50334)
Exhibit a decorated, stacked or multi-layer cake; or a tiered cake, using a minimum of four Level 3 techniques. Exhibit may use cake OR cake form.

Visual Arts Food/Cake Decorating Master (SF 50335)
Exhibit to include a one-page written description of your project, including goals, plans, accomplishments, and evaluation of results. Include up to four pictures of your accomplishments **AND** exhibit an original design decorated cake using more than five techniques. Exhibit may use cake OR cake form.

Visual Arts Chalk/Carbon/Pigment: Enter the division based on the type of material on which the art was created.
Division A: Canvas, Paper, Glass: (SF 50336)
Any original artwork done with pencils, chalk, pens, ink, paint, charcoal, dyes, etc. on canvas, paper, or glass. This would include all painting, sketching, drawing, cartooning, original non-computer-generated graphics, printing, etc. Painted and/or glazed pre-formed ceramics and painted porcelain dolls are not eligible for State Fair exhibit. Drawings and paintings should be matted or framed under glass. (Exceptions: Oil and acrylic paintings do not require glass and are not required to be matted.) Watercolor, chalk, pen & ink, computer-generated art, etc. do require some protective covering. Gallery frames are acceptable. Canvas paintings that continue "over the edges" are acceptable without frames; however, the piece must still be prepared for hanging. Matted pieces without frames are acceptable, however the piece must be prepared for hanging OR it must include a photo of the artwork being displayed in a non-hanging manner. There is no specific requirement for the type of mat used.

Division B: Wood, Metal, Textiles: (SF 50352)
Any original artwork done with pencils, chalk, pens, ink, paint, charcoal, dyes, etc., on wood, metal, or textiles. Painted and/or glazed pre-formed ceramics and painted porcelain dolls are not eligible for State Fair exhibit. Any exhibits created as a piece of wall art must be prepared for hanging.

Visual Arts Clay: (SF 50337)
Any original item made of clay; may be fired or unfired, hand formed or thrown on a wheel. Self-hardening clays are fine. Fire/oven-cured and cornstarch clay could be accepted. Items can include, but are not limited to, clay statues, bowls, jewelry, etc. Pre-formed ceramics are not eligible for State Fair exhibit.

Visual Arts Computer-Generated Art: (SF 50338)
Any original art created in any software package. Exhibit may not include scanned work, clip art, downloaded images from the internet, any imported image, or photographs. All pixels must be original. Photo mosaics are NOT allowed. Exhibitors in this class (like all other classes in this sub-section) must be enrolled in Visual Arts; Computer project enrollment is not required. NOTE: Wood and metal exhibits created through the use of laser cutting programs/devices should be entered in this class. Plastic exhibits with an artistic focus created using a 3-D printer should be entered in this class. If the art created is designed to hang, then the entry should have some protective covering, such as a glass frame, and prepared for hanging. If the art is something that has been created with a laser cutting program/device and is NOT designed to hand, it does not require protective covering nor does it need to be prepared to hang.

Visual Arts Fiber: (SF 50339)
Any original item made of fiber. Examples are quilts, fabric collage, soft sculpture, stitchery, weaving, embroidery, cross-stitch, wearable art, hooking, braiding, duct tape artistry, string art, and baskets. **Original** cross-stitched, knitted, crocheted or quilted items belong in this Fiber class. **Non-original** cross-stitched, knitted, crocheted or quilted items should be entered in Heritage Arts. Machine knitted items are not appropriate for this class.

Visual Arts Fiber Non-Original AGES 8-10 ONLY: (SF 50350)
Any non-original item made of fiber. Examples are fabric collage, soft sculpture, stitchery, weaving, embroidery, cross-stitch, crocheting, knitting, weaving, hooking, and felting. Exhibitors may use a pattern and/or an idea generated from another source.

Visual Arts Glass/Plastic: (SF 50340)
Any original item made of glass or plastic. Possible items to exhibit include stained glass, etched glass (original design), mosaics made of glass, glass beading, plastic jewelry (friendly plastic). Interlocking building block creations (i.e. LEGOS) are not suitable for State Fair entry. Stepping stones or wall hangings that include cement decorated with glass or plastic items are not suitable for this class.

Visual Arts Heritage Arts: (SF 50341)
Exhibit an item of *traditional* art learned from another person or **from a pattern** (NO KITS may be entered in this class). Non-original cross-stitched, knitted and crocheted items by pattern fit in this class. ALL ORIGINAL cross-stitched, knitted and crocheted items should be exhibited in Fiber Arts; (machine knitted items ARE NOT acceptable for this class.) Other possibilities include: needlepoint, counted cross-stitch, crewel, embroidery, cut work, hardanger embroidery (embroidery openwork), macramé, baskets, candles, pysanki (decorated eggs), leather, quilts, baskets (made using a traditional pattern), traditional handmade dolls with handmade costumes, soaps made using nature dyes also can be made using hand-made molds or broken into chunks for display or candles. No machine quilting allowed in Heritage Arts. Exhibitors must also bring 1) the pattern or a copy of the pattern they used to create their traditional art; and 2) a description of the traditional origins of their art choice.

Visual Arts Leather (SF 50321)
Exhibit one of the following options using leather:
- Leather Stamping: Exhibit should utilize one or more stamping techniques – exhibit examples include items such as belt; coasters; bookmark; key chain; wrist bracelet.
- Leather Carving or Tooling: Exhibit should use simple swivel knife tooling techniques or may incorporate several swivel knife-tooling designs or patterns – exhibit examples include items such as belt; pictorial carving; key case.
- Leather Lacing: Exhibit to include stamping and/or carving techniques incorporated with lacing techniques – exhibit examples include items such as wallets; purses; etc.
- Leather Stitching: Exhibit may include stamping; carving and/or lacing techniques and should be a leather item or article of apparel, which incorporates hand-sewing and/or machine stitching techniques. Hand-sewing and/or machine stitching must be the work of the exhibitor.

Visual Arts Metal: (SF 50342)
Any original item made of metal such as sculpture, tin punch, engraved metal, and jewelry. Items intended for industrial use (as tools and/or shop items) are not considered part of this Visual Arts project and are not eligible for entry. Metal items that have been partially or totally created through the use of laser cutting programs/devices should be entered in Computer-Generated Art.

Visual Arts Nature: (SF 50343)
Any original item made of natural material such as wreaths, cornhusk dolls, etc. Items should be made of natural materials (which may be purchased) but securing elements such as glue and wire may be used in the inner construction as long as they do not detract from the overall "natural" appearance. Articles such as dried pressed flowers may be displayed under glass since it is necessary for protection/preservation of the natural materials. Candles are not suitable as entries. All baskets should be entered in Heritage Arts.

Visual Arts Paper: (SF 50344)
Any original item made of paper. Examples could include origami; greeting cards; paper-cut designs, paper mache, hand-made paper, paper collage, paper models of architecture, quilling, etc. Paper twist articles, made from directions in craft books and stores ARE NOT original and are not appropriate for this class. Scrapbooks should be exhibited in Visual Arts Scrapbooking.

Visual Arts Scrapbooking, Beginning: (SF 50345)
Exhibit one album or notebook, either 8 ½" x 11" or 12"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)

*Visual Arts Maker (SF 50400)
(See page 4, #9 for explanation of this class)

WEATHER
Each county may submit 1 entry total 50392, 50393, 50394; and 1 entry from 50395.
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.
*Weather Maker (SF 50400)
(See page 4, #9 for explanation of this class)

WELDING

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

Welding (SF 50353)
This exhibit class is open to members who are in the 7th grade and higher. Exhibit one Arc weldment/item demonstrating the skill level of the exhibitor. Members new to the project should consider selecting a weldment from the suggested _Weldment List_ found on page 43 of _Arcs and Sparks_ (4-H 573 – Shielded Metal Arc Welding). **This class is for industrial welding only.** (Members that wish to use welding to create objects with an artistic appeal should consider enrolling in the 4-H Visual Arts project and consider entering those types of exhibits in the Visual Arts – Metal class.) Exhibits must be portable and cannot be exhibited on a trailer.

*Welding Ready4Life Challenge: (SF 50355)
(Open to 11- to 18-year-olds enrolled in any Welding project)
*Welding Maker (SF 50400)
(See page 4, #9 for explanation of this class)

WOODWORKING

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

Woodworking 1 (SF 50357)
Any item made of wood constructed or refinished by the member, appropriate for their age, skills and ability in this project. Pre-cut kits assembled by the member are not acceptable. Exhibits must be portable and cannot be exhibited on a trailer.

Woodworking 2 (SF 50358)
Any item made of wood constructed or refinished by the member, appropriate for their age, skills and ability in this project. Pre-cut kits assembled by the member are not acceptable. Exhibits must be portable, and cannot be exhibited on a trailer.

Woodworking 3 (SF 50359)
Any item made of wood constructed or refinished by the member, appropriate for their age, skills and ability in this project. Pre-cut kits assembled by the member are not acceptable. Exhibits must be portable, and cannot be exhibited on a trailer.

Woodworking 4 (SF 50360)
Any item made of wood constructed or refinished by the member, appropriate for their age, skills and ability in this project. Pre-cut kits assembled by the member are not acceptable. Exhibits must be portable, and cannot be exhibited on a trailer.

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

*Woodworking Maker (SF 50400)
(See page 4, #9 for explanation of this class)

PREMIUM GUIDE

Projects are valued on a point system based on grades of A, B & C. The base is predicted at A=5, B=4, C=3. Some more difficult and time consuming projects are given higher values such as A=10, B=8, C=6. The dollar amount is then calculated using an X factor which depends on the total premium dollars allowed by the State of Illinois. Following is a list of projects and the point value assigned.

Aerospace II - IV 5, 4, 3
Animal Science 5, 4, 3
Beef
  Market 10, 8, 6
  Cow 15, 12, 9
  Heifer (summer, jr & sr) 12.5, 10, 7.5
  Heifer Calf 5, 4, 3
  Cow/Calf 15, 12, 9
  Bull Calf………………………………………….5, 4, 3
  Bucket 10, 8, 6
Bicycle (all).. no premium
Cat Care (all).. 5, 4, 3
Civic Engagement I 5, 4, 3
Civic Engagement II & III 7.5, 6, 4.5
Service Learning I .... no premium
Service Learning II .... no premium
Clothing & Textiles
  (garment) 7.5, 6, 4.5
  (non-garment) 5,4,3
  (recycled) 7.5, 6, 4.5
Shopping in Style 5, 4, 3
College & Career Readiness……………………7.5, 6, 4.5
Communications
Creative Writing…………………………………….5, 4, 3
Journalism Yr 1 & 2.. 5, 4, 3
  Journalism Yr 3 & 4... 7.5, 6, 4.5
  Communication I – III 5, 4, 3
Computer
  Beginning 5, 4, 3
  Intermediate & Advanced................................ 7.5, 6, 4.5
  Web Design 10, 8, 6
  Open Source/Innovation 10. 8, 6
Consumer Education
  Financial Future 5, 4, 3
  Entrepreneur 7.5, 6, 4.5
Crops (all) 5, 4, 3
Dairy
  calf 5, 4, 3
  yearling 12.5, 10. 7.5
  cow.. 15, 12, 9
  bucket 10, 8, 6
Dog Care.. 5, 4, 3
Dog Obedience 10, 8, 6
Drones…………………………………………….7.5, 6, 4.5
Electricity I & II 5, 4, 3
Electricity III & Electronics................................ 7.5, 6, 4.5
Entomology I 5, 4, 3
Entomology II & III.. 7.5, 6, 4.5
Entomology Display 5, 4, 3
Esports…………………………………………….5, 4, 3
Exploratory……………………………………….no premium
Food
  Cooking 101 .... 5, 4, 3
  Cooking 201 .... 5, 4, 3
  Cooking 301 .... 10, 8, 6
  Cooking 401 .... 10, 8, 6
  Food Science 7.5, 6, 4.5
  Food Preservation... 7.5, 6, 4.5
Forestry (all)... 5, 4, 3
Geology I & II 5, 4, 3
Geology III & IV 7.5, 6, 4.5
Geospatial I.. no premium

Geospatial II & III... no premium
Goats (all).. 7.5, 6, 4.5
Health (all) 5, 4, 3
Horse A-J.. 10, 8, 6
  (no premium for Fun Events)
Floriculture A, B 5, 4, 3
Floriculture C, D... 7.5, 6, 4.5
Hort Veg Plate 5, 4, 3
Hort Veg Basket, Hort Display........................... 7.5, 6, 4.5
Intercultural – individual only 7.5, 6, 4.5
Interior Design
  Group I 5, 4, 3
  Group II & III 7.5, 6, 4.5
Leadership Skills I & II 5, 4, 3
Leadership Skills III & IV................................... 7.5, 6, 4.5
Maker……………………………………………….10, 8, 6
Natural Resources
  Natural Res I 5, 4, 3
  Nat Res II & III 7.5, 6, 4.5
  Wildlife I & II 5, 4, 3
  Exploring Your Enviro.1………………………..no premium
  Exploring Your Enviro.2………………………..no premium
  Outdoor Adventures I - III 5, 4, 3
  Sportfishing (all) 5, 4, 3
Photography I 5, 4, 3
Photography II 7.5, 6, 4.5
Photography III 10, 8, 6
Plant & Soil Science (all) .... no premium
Poultry (all) 5, 4, 3
Public Presentations.. 5, 4, 3
Rabbits (all) 5, 4, 3
Robotics I & II 7.5, 6, 4.5
Robotics III.. 10, 8, 6
Sheep (all) 7.5, 6, 4.5
Small Engine
  Display.. 5, 4, 3
  Maintenance 7.5, 6, 4.5
Small Pets (all) 5, 4, 3
Swine
  Barrow (all) 7.5, 6, 4.5
  Gilt 10, 8, 6
  Litter.. 12.5, 10, 7.5
Technologies 7.5, 6, 4.5
Theater Arts I.. 5, 4, 3
Theater Arts II & III 7.5, 6, 4.5
Tractor A & B 5, 4, 3
Tractor C & D... 7.5, 6, 4.5
Vet Science/Animal Science (all)............................. 5, 4, 3
Video 12.5, 10, 7.5
Visual Arts 5, 4, 3
Weather 5, 4, 3
Welding... 10, 8, 6
Woodworking Yr 1-4 .... 5, 4, 3

County Projects ....**no state premium**
County Projects County Premium* 5, 4, 3
   *see Rule #8, Page 6
All Ready4Life Challenges 12.5, 10, 7.5
All Innovation Classes…………………………12.5, 10, 7.5
Cloverbud Projects...................................... no premium

White County 4-H Show <u>Tentative</u> Schedule

<u>Please note this schedule is subject to change based on current Covid-19 guidelines and requirements.</u>

April 22   Public Speaking/Demonstrations, Extension Office, 5PM

May 1   Final day to change projects. All changes must be made by 4-H club leader.
              Final day to enroll in 4-H to be eligible to exhibit at the 2021 4-H Show.

June 1   Entry forms will be mailed to club leaders.
              Members must complete and return to their club leaders prior to June 18.

June 21   Show entries due in county office.

June 25   Show tags will be mailed to 4-H families.

Friday, July 9
              Horse Show - Jerry Sutton Horse Arena, Judging at 5:00PM

Saturday, July 10
              Clean Up – Barn/Floral Hall, 8:30-10:30AM
              Dog Show, TBA, Registration begins at 12:30PM Judging at 1:00PM
              Cat Show, TBA, Registration begins at 12:30PM Judging at 1:00PM
              Small Pets Show, TBA, Registration begins at 12:30PM Judging at 1:00PM

Sunday, July 11
              Shooting Sports Contest, 2PM

Monday, July 12
              Food/Clothing Show, Fairgrounds, Registration begins at 8:15AM; Judging at 9:00AM
                  NOTE TIME CHANGE!!
              Poultry/Rabbit Show, Fairgrounds, Judging at 5:00PM

Tuesday, July 13
              General Projects Show, Fairgrounds, Registration begins at 8:00AM Judging at 9:00AM
              All Cloverbud Projects Show, Fairgrounds, Registration begins at 8:00AM Judging at 9:00AM
              Tractor Driving Contest, 4:00PM
              Livestock Weigh-in, 5:00PM

Wednesday, July 14
              Livestock Show, Fairgrounds, Judging at 8:00AM
              Awards Program, Fairgrounds, 5:00PM
              Auction of Blue Ribbon Animals, Fairgrounds, 7:00PM

Thursday, July 15
              Swimming Party - Tentative

Friday, July 16
              Carcass Show, Enfield Packing Plant, 11:00AM

If you have questions, or need reasonable accommodations to participate in Extension programs, contact the
University of Illinois Extension, White County Office, 1715 College Ave., Carmi, IL 62821, 618-382-2662,
amccarty@illinois.edu or sheilat@illinois.edu.

Illinois Extension
UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN