



2023 St. Charles County 4-H Fair Book

July 25th – 29th, 2023

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Dear St. Charles County 4-H Families,

We are fast approaching one of our favorite times of the year – fair season!

It is a wonderful time for our youth to demonstrate the skills they have learned from our amazing volunteers and community partners throughout the year.

For me, the most exciting part of fair season is seeing our 4-H members discover their “spark” through their projects. As 4-H faculty and volunteers, it is our job to recognize when our youth find their passion in life and to cultivate powerful experiences for them to learn more about their interests in a safe environment.

Congratulations to all our 4-H members, families, and volunteers for making it to another fair season. Your dedication and growth are what make our St. Charles County 4-H Program so special.

I look forward to seeing all of you and learning about your “spark” at the 2023 Fair!

Best,
Victoria

Victoria Bernard
4-H Youth Development Specialist in St. Charles County

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St. Charles County 4-H Council, Clubs, & Staff 2022-2023

St. Charles County 4-H Council Officers

President: Gail Huber
Vice President: Katie Lyons
Secretary: Ruth Mellor
Treasurer: Tracy O'Donnell
Past President: Melissa Love

St. Charles County 4-H Clubs

Boone Country
Callaway
Daniel Boone
Flint Hill
Harvester
Horsemanship at CRR
Pauldingville
Point Prairie
River City
Roving Rovers
St. Paul
The Wolf Pack
Twin Rivers
Wentzville

St. Charles County 4-H Staff

4-H Youth Development Specialist: Victoria Bernard
Email: victoria.bernard@missouri.edu
Office Phone: 636-970-3000

2023 St. Charles County Fair Schedule of Events

June 1st, 2023– June 15th, 2023: Livestock Entry Registrations Due

Saturday, July 22nd, 2023: Livestock Exhibitor Clean-up of Fair Grounds for the 2022 Fair

- Pick-Up of Fair Wristbands and T-Shirts

Monday, July 24th, 2022:

- Swine Final Check-In and Weigh-In: 5:30 PM to 8:00 PM
- Non-Food & Non-Cake General Projects Accepted: 6:30 PM to 7:30 PM

Tuesday, July 25th, 2022:

- General Project Check-In: 8:00 AM to 10:00 AM
- Market Steer & Heifer Check-In and Weigh-In: 9:00 AM to 12:00 PM
 - In Place by 9:00 AM
- General Project Conference Judging: 9:00 AM to 11:00 AM
- General Project Non-Conference Judging: 11:00 AM to 12:00 PM
- Poultry, Turkey, and Waterfowl Check-In: 12:00 PM to 3:00 PM
- Kolb Building Re-Opened: 6:00 PM – 10:00 PM
- Swine Market & Carcass Show 6:00 PM

Wednesday, July 26th, 2022:

- Poultry Check-In: 6:00 AM to 9:00 AM
- Market Rabbit Check-In: 8:00 AM to 10:00 AM
- Market Lamb Check-In and Weigh-In: 8:00 AM to 10:00 AM
- Market Goat Check-In and Weigh-In: 10:00 AM (following Market Lamb Weigh-In)
- Kolb Building Open: 10:00 AM – 10:00 PM
- Poultry Show 11:00 AM
- Market Goat Show 3:00 PM
- Market Lamb Show 4:30 PM
- Market Rabbit Show 6:00 PM
- Market Steer & Heifer Show 7:00 PM

Thursday, July 27th, 2022:

- Kolb Building Open: 10:00 AM – 10:00 PM
- Livestock Auction: 7:00 PM

Friday, July 29th, 2022:

- Beef Breeding Check-In: 8:00 AM to 12:00 PM
- Sheep Breeding Check-In: 8:00 AM to 10:00 AM
- Kolb Building Open: 10:00 AM – 10:00 PM

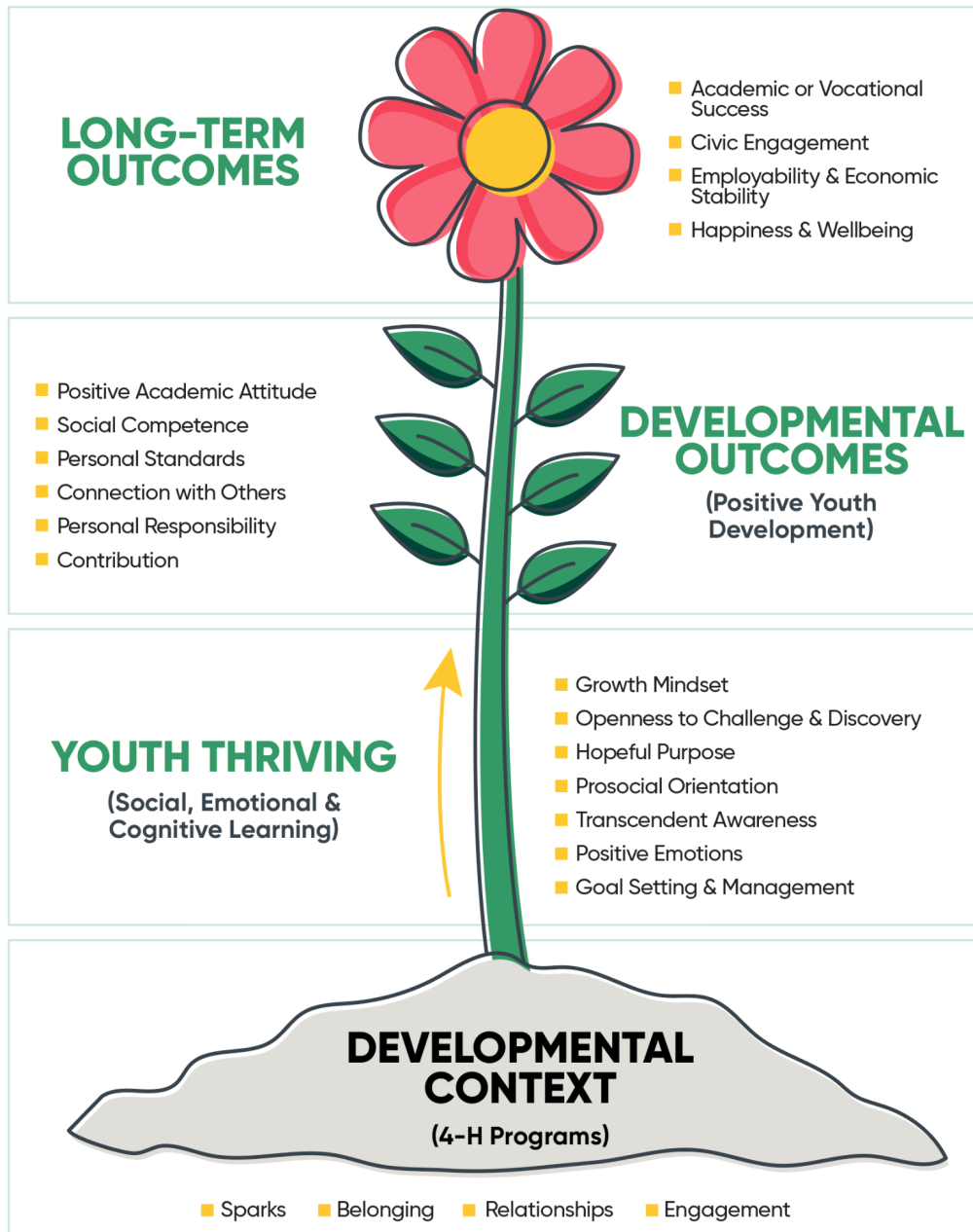
Saturday, July 30th, 2022:

- Beef Breeding Show 9:30 AM
- Sheep Breeding Show 11:00 AM
- 4-H Demonstrations 12:00 PM - 2:00 PM
- Kolb Building Open: 10:00 AM – 8:00 PM
- Livestock Released {See Livestock Rules & Regulations for more details}

Sunday, July 31st, 2022:

- Livestock Clean-Up: 8:00 AM
- General Projects Released: 8:00 AM to 11:00 AM
- Auction Earnings & Premium Checks Released: 10:00 AM

*** Please refer to St. Charles County Livestock Rules & Regulations for specific details related to Livestock Exhibits.*



Missouri 4-H Program Principles and Policies

Missouri 4-H Methods

4-H uses hands-on experiences and knowledge as the means to help individuals meet basic developmental needs and acquire essential life skills including positive self-concept, social interaction skills, leadership and decision-making abilities, practical knowledge, and physical competencies.

- 4-H emphasizes practical learning experiences through subject matter-related projects and activities using Extension and Land Grant University resources.
- 4-H structures the learning environment using knowledge from the social and behavioral sciences to promote the acquisition of life skills.
- Rural and urban youth from all ethnic and cultural backgrounds participate in 4-H through a wide range of educational models.

Positive Youth Development Overview

Positive Youth Development is the concept that frames the 4-H Youth Development program. Youth development is the natural process of developing one's capacities. While it occurs through the youth's daily experiences with people, places, and possibilities, it is far too important to be left to chance, therefore necessitating positive youth development strategies that are intentional. Positive Youth Development is "the ongoing process in which all young people are engaged in meeting their physical, personal and social needs and in building a set of skills and competencies that seem useful in their present lives and in the future" (Pittman, 1992).

Mission Mandates

The mission of 4-H is to provide meaningful opportunities for youth and adults to work together to create sustainable community change. This is accomplished within three primary content areas, or mission mandates, - citizenship, healthy living, and science. The educational foundation of 4-H lies in these three mission mandates. These three mission mandates – citizenship, healthy living, and science – all intertwine and can be integrated across project areas and activities. The content development of the mission mandates is closely tied to the research and teaching of the land grant university system, and provides the educational foundation of 4-H.

Citizenship

Since its inception, 4-H has placed emphasis on the importance of young people being engaged, well-informed citizens. By connecting to their communities and community leaders, youth understand their role in civic affairs and expand their role in decision-making processes. It's clear that civic engagement provides the foundation that helps youth understand the "big picture" of life and find purpose and meaning. The core areas of Citizenship are:

- Civic Engagement (voice, advocacy, activism)
- Service (community service, service-learning, community youth development)
- Civic Education (government principles, processes, and structure; personal roles & responsibilities, history & cultural heritage)
- Leadership (leadership, respect, understanding, character development)

Healthy Living

The 4-H Healthy Living Mission Mandate engages youth and families through access and opportunities to achieve optimal physical, social, and emotional well-being. The core areas of Healthy Living are:

- Nutrition
- Fitness
- Social-Emotional Health
- Prevention of Injuries
- Prevention of Tobacco, Alcohol, and other Drug Use

Science

The need for science, engineering, and technology education is essential for today's young people. 4-H programs prepare youth for the challenges of the 21st century by engaging them in a process of discovery and exploration. The core areas of Science are:

- Animal Science & Agriculture
- Applied Mathematics
- Consumer Science
- Engineering
- Environmental Science & Natural Resources
- Life Science
- Technology

Expectations of MU Extension 4-H Volunteers

- The University of Missouri considers a volunteer to be an individual who performs hours of service for the University for civic, charitable, or humanitarian reasons, without promise, expectation or receipt of compensation for services rendered.
- A University of Missouri Extension 4-H volunteer (youth or adult) delivers Cooperative Extension-based 4-H curriculum, programs, or activities under authorization granted by the county and state MU Extension offices through various, approved engagement/delivery methods.
- MU Extension 4-H volunteers adhere to national, state, and county program policies and operate only within volunteer roles authorized by the county/regional/state Extension Youth Development/4-H Youth Development Professional.
- To become an authorized Missouri 4-H volunteer, applicants are required to enroll in the Missouri 4-H program annually, consent to a background screening, agree to abide by the MU Extension Volunteer Code of Conduct, and complete a 4-H volunteer orientation. See the [Missouri 4-H Volunteer Application Process \(Links to an external site.\)](#)
- MU Extension 4-H volunteers MUST be inclusive of all youth and adults participating in 4-H programs and refrain from creating rules, regulations, or conditions which create barriers hindering or preventing 4-H members from participating in 4-H programs and events.
- A 4-H volunteer can be a leader of only one chartered 4-H club.
- A 4-H volunteer may lead 15 projects at most.
- All project leaders and club leaders must be active volunteers in 4HOnline.

University of Missouri Extension Volunteer Code of Conduct

Volunteers are key MU Extension partners, helping guide and deliver programs that matter to Missourians. Extension expects and depends on all volunteers to understand and uphold the following Volunteer Code of Conduct at all times.

Be accountable to and work within the MU Extension system

1. Work within the scope of assigned volunteer role and follow all related program policies and procedures.
2. Conduct behavior in strict accordance with applicable laws and MU confidential information policies, using confidential information only as needed to perform volunteer duties. The following rules apply:
 - a. Access confidential information only with proper approval and refrain from misusing or treating it carelessly;
 - b. Do not divulge, copy, release, sell, loan, review, alter or destroy any confidential information except as properly authorized;
 - c. Understand and agree that any violation of the responsibilities explained in this section subjects a volunteer to coaching, possible removal from the volunteer role or legal liability. (Collected Rules and Regulations, §110.005, Business Policy Manual, §108).
3. Treat all youth and adults equally, without discrimination. This includes providing equal access to participation for all youth and adults, regardless of race, color, sex, pregnancy, national origin, ancestry, sexual orientation, gender identity, gender expression, religion, age, veteran status, disability, or any other status protected by applicable federal or state law. Sexual violence is also prohibited, including but not limited to sexual misconduct, sexual exploitation, sex-based stalking, and dating/intimate partner violence. MU Collected Rules and Regulations: <http://bit.ly/2r9lsqP>
4. Avoid harming youth or adults, whether through sexual harassment, physical force, verbal or mental abuse or neglect. Retaliation for making or supporting a report of discrimination or harassment is also prohibited. Volunteers must report the incident to the MU Office for Civil Rights & Title IX at 573-882-3880 or at civilrights.missouri.edu (MU Collected Rules & Regulations).
5. Assume role of a mandated reporter and, if concerned a child has been/or will be abused and/or neglected, contact the Missouri Child Abuse and Neglect Hotline 1-800-392-3738 (TDD 1-800- 669-8689). If the situation is not an emergency an online report (<http://dss.mo.gov/cd/can.htm>) can be made. In addition, mandated reporters (anyone with care, custody or control of a child) should contact the MU Extension employee serving as the supervisor of assigned volunteer role. If it appears the child is in imminent danger, contact law enforcement as well. (5/11/17, Pursuant to § 210.115 RSMo).
6. Avoid conflict of interest between assigned MU Extension volunteer role(s) and personal business interests.

Be a positive role model at all times

1. Obey laws of the locality, state and nation, including all laws, regulations, and MU Extension policy concerning fiscal responsibility and property rights.
2. Display mutual respect to others, practicing patience, cooperation and teamwork.
3. Practice personal and intellectual integrity.
4. Under no circumstances engage in unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance at any extension sponsored or supervised event. Avoid unlawful possession, use and/or distribution of alcohol at any extension sponsored or supervised event. Avoid misuse or abuse of prescribed or over-the-counter drugs.
5. Be respectful of diverse opinions and perspectives.
6. Actively promote a safe environment for participants, volunteers, visitors, staff and others involved in the program.

Volunteering is a privilege, not a right. Failure to uphold any of the code of conduct standards listed may result in coaching by an assigned MU Extension program adviser. This may include reassignment, role restriction and, if appropriate, removal from all MU Extension volunteer roles.

ADA Guidelines

A learner's need for accommodations may be minimized through the use of universal design for learning (UDL) — using materials and practices that are equitable, flexible, fully accessible learning environments, designed to meet the needs of diverse learners, and use multiple means of engagement, expression, and representation. Implementation of UDL includes the following examples:

- o Using captioned videos, films, and other audio presentations (beneficial for not only those with sensory disabilities but also those with specific learning disabilities, students whose first language is not English, and others)
- o Flexibility regarding attendance
- o Providing texts and forms in alternate formats and languages
- o Using guided notes
- o Giving verbal descriptions of visual aids and graphics
- o Paraphrasing questions and answers
- o Highlighting key points throughout discussions

Reach out to the St. Charles County Extension Office if you need accommodations.

General Project Guidelines

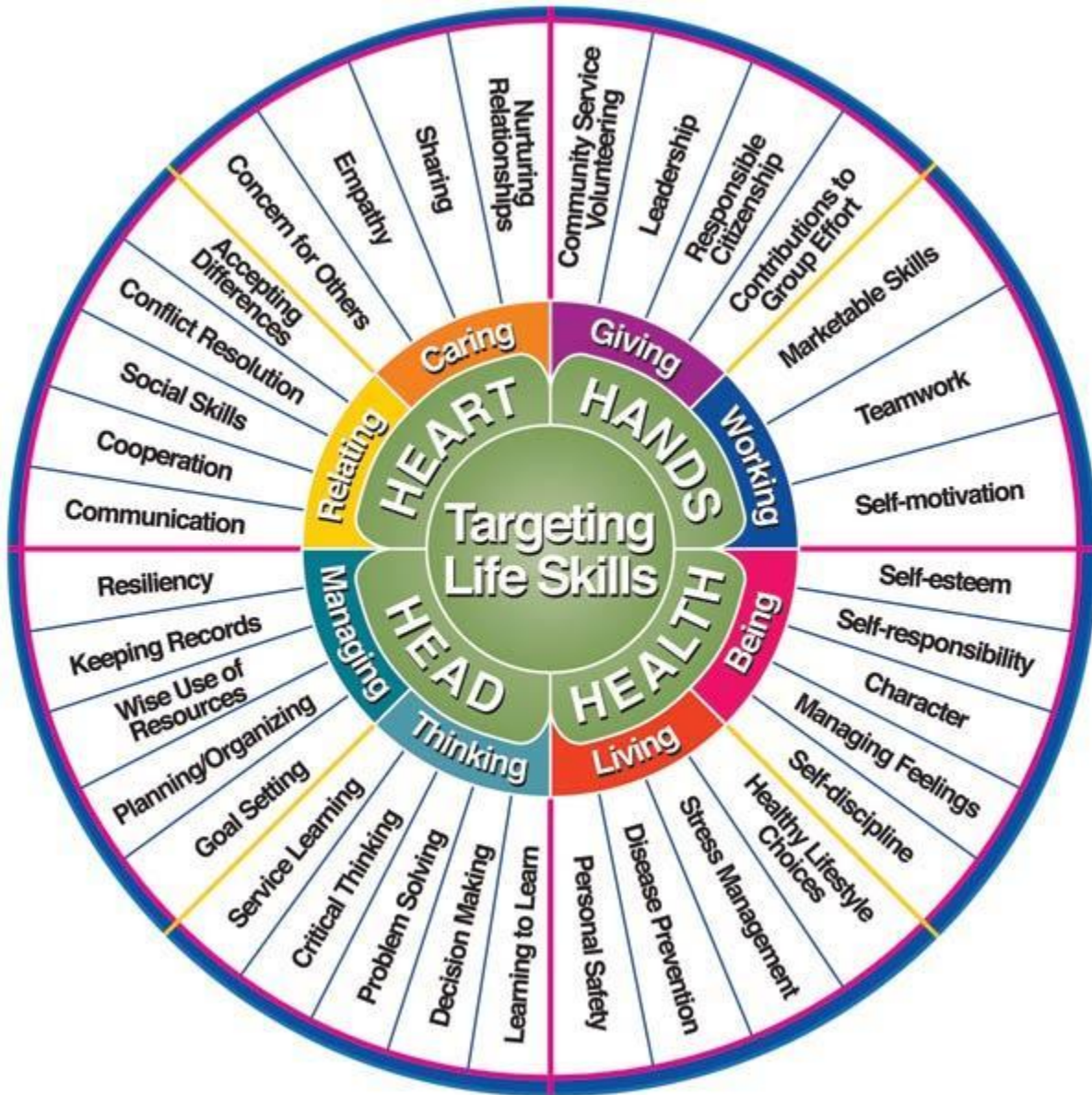
1. Entries will be taken from 6:30 p.m. - 7:30 p.m., Monday, July 24th, (No food or cake items will be accepted on Monday) and from 8:00 a.m. - 10:00 a.m., Tuesday, July 25th. Exhibits will be released, Sunday, July 30th, 8:00 - 11:00 a.m. only! No exhibit will be released early for any reason. Any exhibitor removing exhibits, for any reason, prior to stated release times will automatically forfeit premium money and state fair eligibility.
2. Age Requirements: 4-H member, ages 8 - 18 on December 31 of the program year.
3. No use of alcohol, tobacco, or illegal drugs by youth exhibitors will be tolerated. Exhibitors will be asked to leave the fairgrounds with their projects and forfeit their premium money and state fair eligibility.
4. Each entry shall be owned, made, and shown by the exhibitor in the current year of enrollment.
5. All items exhibited at the St. Charles County Fair are to be made in 4-H projects. No items made in school may be exhibited.
6. Maximum of three (3) exhibits per project in which you are enrolled.
7. Each article must be labeled with a "Fair Tag" showing the following information: Exhibit (article description), Class No., Member ID, Name, Address, and Age. The last and first names should be on all fair tags. Tags must be securely attached to the article or hole punched on a plate or paper and tied in place.
8. Conference Judging will be offered beginning at 9:00 a.m. on Tuesday, July 25th. No conference judging in Meats.
9. The 4-H member may display any item made in that project unless otherwise stated. This includes but is not limited to notebooks (3-ring binders are preferred), file cards, photo displays, posters, or educational displays. Regardless of the project, the following dimensions/specifications must be used:
 - a. Poster - No larger than 14" x 22"; flat only; do not fasten three-dimensional items to the poster. Only 1 poster per project that the youth is enrolled in can be entered.
10. When exhibiting any item, in any class, the exhibitor may not exhibit an identical item in self-determined.
11. St. Charles County Fair, Inc. will not be responsible to any persons, individuals, corporation, or association, for any loss by fire, theft, damage, or personal injury sustained by anyone through the negligence of any person or groups of persons, exhibits, or exhibitors.
12. 4-H exhibits will be judged separately from open classes since members of these organizations have specific project requirements.
13. All 4-H members must be enrolled and in good standing in their club and in the projects in which they exhibit. If a participant has been banned from participation in any other fair in Missouri for the current or previous years, they shall also be banned from participation in the St. Charles County Fair, Inc.
14. No premiums will be distributed at the fair.

State Fair Guidance

The information provided in this section is specific to projects that may be selected for the Missouri State Fair. Please take these into consideration if you think your project may qualify. Some rules and guidelines are different from what St. Charles County requires. There is also project-specific guidance listed under applicable projects.

1. Notebooks – Youth should select 1 page that represents their notebook. The page should be in a plastic sleeve to protect it while on display. No exhibits to be displayed in binders, folders, or notebooks will be accepted.
2. Posters – no larger than 14" X 22", flat, poster board only (no foam board), 3D items shall not be more than 1/8" above the surface of the poster board. No more than 6 posters per county. Counties may request an extension on this limit to be approved by the building superintendents.
3. Photo albums - No projects displayed in photo albums will be accepted.
4. Cookbooks - Youth should select 1 page that represents their cookbook. The page should be in a plastic sleeve to protect it while on display.
5. All exhibits should reflect the educational learning gained from project work. This includes notebook pages, file cards, photo displays, posters, or educational displays. Be sure to mark the exhibit tag with Project number and description.
6. Because of display space, available cases, and the number of exhibits in certain projects, dimension criteria are specified. Items that do not comply with size or other specifications will not be displayed or receive a ribbon. There should be no posters or patterns attached to projects. For scrapbooks made in any project, only one page should be submitted. If more than one page is submitted, the exhibit will be disqualified. Educational display - educational displays should not exceed 12 inches in height, 12 inches in depth, and 14 inches in width. Can include three-dimensional items and must be free-standing. (Posters with items taped to them do not qualify as educational displays. Science fair display boards are too large.) Working models - These exhibits should show how things work (cutaway sections of motors or other mechanical items) or can be used to help people identify parts, such as those of a motor or engine. Working models should require floor space no larger than 24" x 24".
7. Perishable items such as food, vegetables, crops, and homegrown items will not be returned after the Fair. Perishable items will be discarded throughout the fair when quality has deteriorated. If a decorated cake is made with fondant and the fondant fails, the cake will be removed from display. If an item is no longer suitable for the exhibit, it will be removed and the tag with a card stating its removal will be left in its place.
8. Fire Hazard Prevention: Any exhibits using batteries, such as circuit boards or robots should not connect the wires to the battery; rather the wires should be taped behind the battery. Another option: Do not attach a battery but indicate "battery goes here".
9. Photographs of items too large or fragile: This is restricted only to large items such as welding projects or large woodworking items like furniture; fragile items such as delicate ceramic work. It is not intended as a substitute category for bringing or mailing a project. Photographs of oversized or fragile items will be displayed digitally. Instructions to submit photos will be provided to 4-H professionals.

4-H Targeting Life Skills Model



General 4-H Project Superintendents & Assistants

Aerospace, Gardening, Horticulture, Photography, & Agronomy

Superintendent: Dawn Boerding

Amphibians & Reptiles, Entomology, Sportfishing, Wildlife, Veterinary Science, and all Animal Projects

Superintendent: Sami Huber

Arts & Crafts and Interior Design

Superintendent: Cindy Wehmeyer

Assistant Superintendent: Fay Connoyer

Cake Decorating

Superintendent: Bonna Salyer

Assistant Superintendent: Kristen Salyer

Clothing, Crocheting, and Knitting

Superintendent: Jennifer Brakensiek

Electricity, Small Engines, Welding, and Woodworking

Superintendent: Gigi Krumlinde

Assistant Superintendent: Lisa Krumlinde

Foods & Meats

Superintendent: Gina Hale

Assistant Superintendent: Rhonda Hanne

All Other Projects

Superintendent: Katie Lyons

Clover Kids

Superintendent: Gail Huber

Assistant Superintendents: Cindy Dahm & Lori Bauer

4-H Exhibit & Conference Judging Guidelines

*All exhibits should reflect the educational learning gained from project work.
Check specific projects for exhibit guidelines.*

Engineering & Technology

Aerospace

AS811 AEROSPACE 1 NOVICE
AS812 AEROSPACE 2 INTERMEDIATE
AS813 AEROSPACE 3 ADVANCED

Display on launch pad not more than 18" square in upright position

Project suggestions: model rocket, model airplane, identify the parts and what they do; create a display comparing birds and planes; make a display of kites and describe how they fly.

Agricultural Tractor

AT820 TRACTOR 1 NOVICE
AT821 TRACTOR 2 INTERMEDIATE
AT822 TRACTOR 3 ADVANCED

Project suggestions: Models on principles of engine operation, hydraulic systems, safe operations

Computers and Programming

CP895 SCRATCH
CP896 ALICE
CP897 OTHER PROGRAMMING LANGUAGES or COMPUTER PROGRAMS

Project suggestions: Write a computer program, create a poster showing a website you have created, an educational display of the history of computers or programming, create a poster showing a website you have created, educational display of the history of computers or programming.

Electricity

EL831 ELECTRICITY 1 NOVICE
EL832 ELECTRICITY 2 INTERMEDIATE
EL833 ELECTRICITY 3 ADVANCED

Items should be made in accordance with the National Electrical Code. Consult power suppliers or electricians for code requirements. Battery-operated items are also eligible items. Batteries should be disconnected or have a piece of black electrical tape placed on the ends.

Project Suggestions: electrical circuits, motors, electronics

Energy

EG861 POWER OF THE WIND

Project suggestions: educational displays on energy, energy transformation, energy development

Geospatial

GS991 GEOSPATIAL 1 NOVICE
GS992 GEOSPATIAL 2 INTERMEDIATE
GS993 GEOSPATIAL 3 ADVANCED

Project suggestions: educational displays on GPS, GIS, topographical maps

Robotics

RO881 JUNK DRAWER ROBOTS 1 NOVICE
RO882 JUNK DRAWER ROBOTS 2 INTERMEDIATE
RO883 JUNK DRAWER ROBOTS 3 ADVANCED
RO884 ROBOTICS 1 - With EV3
RO885 ROBOTICS 2 - EV3N More
RO886 ADDITIONAL ROBOTICS PLATFORMS
RO887 YOUTH ROBOTICS COMPETITION PARTNERS

Project suggestions: constructed robots, educational displays on coding, building, competition

Small Engines

SE851 SMALL ENGINES 1 NOVICE
SE852 SMALL ENGINES 2 INTERMEDIATE
SE853 SMALL ENGINES 3 ADVANCED

Project suggestions: small engines for lawnmowers, model airplanes, ATVs, educational displays on motor construction or maintenance

4-H Stem Challenge

SC100 4-H STEM CHALLENGE

Project suggestions: educational display, science experiment results

Welding

WE846 WELDING

Project suggestions: decorative items, chains, tools

Woodworking

WO871 WOODWORKING 1 NOVICE
WO872 WOODWORKING 2 INTERMEDIATE
WO873 WOODWORKING 3 ADVANCED

Project suggestions: decorative items, small furniture, cutting boards, pens

Environmental Sciences & Natural Resources

Amphibians & Reptiles

AR611 AMPHIBIANS AND REPTILES: no live animals

Project suggestions: Habitat display, poster, or educational display about the care of animals, feeding, history

Entomology

EN921 ENTOMOLOGY 1 NOVICE
EN922 ENTOMOLOGY 2 INTERMEDIATE
EN923 ENTOMOLOGY 3 ADVANCED
EN924 BEE KEEPING 1 NOVICE
EN925 BEE KEEPING 2 INTERMEDIATE
EN926 BEE KEEPING 3 ADVANCED
EN927 BUTTERFLY WINGS

The box size must be 18" long X 24" wide X 3 ½ inches deep to fit in the display racks. All boxes must have a clear display lid; no open boxes are allowed. The insects should be named, labeled, and mounted so the boxes can be displayed horizontally. Securely fasten the display cover with tape or screws. No handles or knobs on the boxes. For State Fair: If a member's geology collection is displayed in more than one box, the member may send only one box for display.

Project suggestions: displays of native/non-native insects, educational display on insect habitat, insect management, Beekeeping supplies, honey, honeycombs, beehive box with parts labeled, educational display on butterfly species, habitat, monitoring.

Exploring the Environment

EE914 ECOSYSTEM SERVICES
EE915 EARTH'S CAPACITY

Project suggestions: educational displays on pollution, ecosystems, natural sciences, and technology

Forestry

FO931 FORESTRY 1 NOVICE
FO932 FORESTRY 2 INTERMEDIATE
FO933 FORESTRY 3 ADVANCED

Project suggestions: tree identification display with leaves, bark, or wood, educational display on forest habitats

Geology

GG941 GEOLOGY

The box size must be 18" long X 24" wide X 3 ½ inches deep to fit in the display racks. All boxes must have a clear display lid, no open boxes. The rocks should be named,

labeled, and mounted so the boxes can be displayed horizontally. Securely fasten the display cover with tape or screws. No handles or knobs on the boxes. For State Fair: If a member's geology collection is displayed in more than one box, the member may send only one box for display.

Project suggestions: rock collection, educational display on geological features

Outdoor Adventures

OA761 OUTDOOR 1 (HIKING)
OA762 OUTDOOR 2 (CAMPING)
OA763 OUTDOOR 3 (BACKPACKING)

Project suggestions: backpacking kits, hiking supplies, diagrams on pitching a tent

Soil & Water Science

SW916 SOIL AND WATER SCIENCE 1 NOVICE
SW917 SOIL AND WATER SCIENCE 2 INTERMEDIATE
SW918 SOIL AND WATER SCIENCE 3 ADVANCED

Project suggestions: soil sampled displays, educational displays on water quality assessment, soil health, and water and soil conservation

Sportfishing

SF725 SPORT FISHING 1 NOVICE
SF726 SPORT FISHING 2 INTERMEDIATE
SF727 SPORT FISHING 3 ADVANCED

Project suggestions: lures, knots, flies, reels, rods, educational displays on fish identification, habitat, fishing techniques

Weather & Climate Science

WC934 WEATHER AND CLIMATE SCIENCE 1 NOVICE
WC935 WEATHER AND CLIMATE SCIENCE 2 INTERMEDIATE
WC936 WEATHER AND CLIMATE SCIENCE 3 ADVANCED

Project suggestions: educational displays on the water cycle, weather phenomena, ecological climate systems

Wildlife

WI720 WILDLIFE CONSERVATION 1 NOVICE
WI721 WILDLIFE CONSERVATION 2 INTERMEDIATE
WI722 WILDLIFE CONSERVATION 3 ADVANCED

Project suggestions: educational displays on wildlife identification, habitat, management, conservation

Plant & Animal Science

Agronomy (Field Crops)

AG982 FIELD CROPS 1 NOVICE
AG983 FIELD CROPS 2 INTERMEDIATE
AG984 FIELD CROPS 3 ADVANCED

Project suggestions: sample of field crops, educational displays on crop growth, pest management, crop identification

Beef

BF121 BEEF 1 NOVICE
BF122 BEEF 2 INTERMEDIATE
BF123 BEEF 3 ADVANCED
BC135 BUCKET CALF

Project suggestions: Rope halters, lead ropes, feed bunk, grooming items, educational display of breeds, parasites, feed rations

Cats

CA177 CAT CARE 1 NOVICE
CA178 CAT CARE 2 INTERMEDIATE
CA179 CAT CARE 3 ADVANCED

Project suggestions: emergency care kit, educational display of breeds, care, feed, health issues, or training

Dairy

DA131 DAIRY 1 NOVICE DA132
DAIRY 2 INTERMEDIATE
DA133 DAIRY 3 ADVANCED
DA134 JUDGING DAIRY CATTLE

Project suggestions: educational display and poster exhibits may include but are not limited to the study of the economic impact of dairy cattle on Missouri and the nation; general animal behavior, health, nutrition; genetics and breeding; or promotion and marketing, bio-security, careers in the dairy industry. Other exhibits may include, but are not limited to the following examples: rope halters, lead ropes, feed bunks, hotboxes for newborn livestock, hay feeders, stands for grooming items

Dogs

DG171 DOG 1 NOVICE
DG172 DOG 2 INTERMEDIATE
DG173 DOG 3 ADVANCED

Project suggestions: educational display and poster exhibits may include, but are not limited to dog health, training methods, nutrition, grooming, or breed types. Create an emergency care kit for your pet and place all essential items in a sturdy container (e.g., duffle bag, backpack, or durable plastic container) that you can carry easily.

Goats

GA125 MEAT GOATS 1 NOVICE
GA126 MEAT GOATS 2 INTERMEDIATE
GA127 MEAT GOATS 3 ADVANCED
GA136 DAIRY GOATS 1 NOVICE
GA137 DAIRY GOATS 2 INTERMEDIATE
GA138 DAIRY GOATS 3 ADVANCED

Project suggestions: Rope halters, lead ropes, feed bunk, grooming items, educational display of breeds, parasites, feed rations. See also "Dairy" for Dairy Goats.

Horses

HS140 HORSELESS HORSE & HORSE KNOWLEDGE
HS141 HORSE RIDING

Project suggestions: bridles, lead ropes, feed bunk, grooming items, educational display of breeds, parasites, feed rations

Horticulture

Floriculture

HO961 FLORICULTURE 1 NOVICE
HO962 FLORICULTURE 2 INTERMEDIATE
HO963 FLORICULTURE 3 ADVANCED

The exhibitor must have grown the flowers used in the exhibit. Live plants or cut specimens must be displayed in a container no larger than 8" in diameter. For State Fair: May be fresh or dried.

Gardening (Fruits & Vegetables)

HO971 GARDENING 1 NOVICE
HO972 GARDENING 2 INTERMEDIATE
HO973 GARDENING 3 ADVANCED

The exhibitor must have grown the vegetable(s) or fruit(s) used in the exhibit. The number in parentheses is the number of items in an exhibit. The exhibitor must have grown the vegetables. Vegetables need to be of reasonable keeping quality to keep for more than a week. Use disposable containers to display the items. Use a hole, punched in a paper plate, to attach the exhibit tag.

Beets (4) Cantaloupe (1) Cucumbers (slicing) (4) Egg Plant (2) Onions - dry (4) Peppers (4) Potatoes (4) Pumpkin (1) Summer Squash (2) Tomatoes (4) Watermelon (1) Winter Squash (1) Other Vegetables or fruits (1 for larger and 4 for smaller produce)

Landscape Design

HO975 LANDSCAPE DESIGN 1 NOVICE
HO976 LANDSCAPE DESIGN 2 INTERMEDIATE
HO977 LANDSCAPE DESIGN 3 ADVANCED

Project suggestions: floral arrangements, produce, plants, educational displays on maintaining a garden, creating an arrangement design plan, educational display on selecting plants, landscaping elements

Livestock Judging

LJ117 LIVESTOCK JUDGING

Project suggestions: educational display on characteristics, judging, skills, giving reasons

Meats (Country Cured Ham & Bacon)

ME114 COUNTRY CURED BACON

ME115 COUNTRY CURED HAM

ME116 MEAT EVALUATION PROJECT

For State Fair: Ham Curing (Exhibits will not be refrigerated.) Any ham selected for State Fair will automatically be displayed in the Agriculture Building but must be checked in at the 4-H building. Hams will be dually enrolled in the Youth Division of the Country Ham Class and may become eligible for sale if selected as champions. Bacon will be dually enrolled in the Open Division of the Bacon Class and may become eligible for sale if selected as champion. 4-H bacon will be displayed in the Agriculture Building cooler.

Project suggestions: cured bacon/ham, educational displays on meat curing, quality, retail

Pets

PE101 PETS 1 NOVICE

PE102 PETS 2 INTERMEDIATE

PE103 PETS 3 ADVANCED

PE104 GUINEA PIGS (Cavies)

Project suggestions: educational display and poster exhibits may include, but are not limited to: health, training methods, nutrition, grooming, or breed types. Create an emergency care kit for your pet and place all essential items in a sturdy container (e.g., duffle bag, backpack, or durable plastic container) that you can carry easily.

Poultry

PO151 POULTRY 1 NOVICE

PO152 POULTRY 2 INTERMEDIATE

PO153 POULTRY 3 ADVANCED

Project suggestions: an educational display of breeds, parasites, feed rations

Rabbits

RB111 RABBITS 1 NOVICE

RB112 RABBITS 2 INTERMEDIATE

RB113 RABBITS 3 ADVANCED

Project suggestions: grooming items, educational display of breeds, parasites, feed rations

Sheep

SH161 SHEEP 1 NOVICE
SH162 SHEEP 2 INTERMEDIATE
SH163 SHEEP 3 ADVANCED

Project suggestions: Rope halters, lead ropes, feed bunk, grooming items, educational display of breeds, parasites, feed rations

Swine

SW181 SWINE 1 NOVICE
SW182 SWINE 2 INTERMEDIATE
SW183 SWINE 3 ADVANCED

Project suggestions: an educational display of breeds, parasites, feed rations, common swine diseases

Veterinary Science

VS191 VETERINARY SCIENCE 1 NOVICE
VS192 VETERINARY SCIENCE 2 INTERMEDIATE
VS193 VETERINARY SCIENCE 3 ADVANCED

Project suggestions: veterinary instruments, educational displays on diagnosis, treatment, prevention

Leadership & Personal Development

Career Pathways

CE100 CAREER EXPLORATIONS

Project suggestions: educational display on education, careers, a specific job

Civic Engagement

CI200 CIVIC ENGAGEMENT

Project suggestions: an educational display and poster exhibits may include, but are not limited to community service, volunteering, sportsmanship, stewardship, political action

Communications

CM237 COMMUNICATIONS 1 NOVICE
CM238 COMMUNICATIONS 2 INTERMEDIATE
CM239 COMMUNICATIONS 3 ADVANCED

Project suggestions: educational display on verbal, nonverbal, unique types of communication

Consumer Savvy

CS431 CONSUMER 1 NOVICE
CS432 CONSUMER 2 INTERMEDIATE
CS433 CONSUMER 3 ADVANCED

Project suggestions: Making an information chart comparing the cost and value of 3 or more items related to the home.

Entrepreneurship

EP442 ENTREPRENEURSHIP 1 NOVICE
EP443 ENTREPRENEURSHIP 2 INTERMEDIATE
EP444 ENTREPRENEURSHIP 3 ADVANCED

Project suggestions: item made as part of a small business, business plan, marketing materials

Financial Literacy

FL421 FINANCIAL LITERACY 1
FL422 FINANCIAL LITERACY 2

Project suggestions: sample budget, educational display on goal setting, financial management plan

Global Education

GE221 GLOBAL EDUCATION

Project suggestions: items made representing other cultures, educational displays on foreign cultures, nations

Leadership

LD271 LEADERSHIP 1 NOVICE
LD272 LEADERSHIP 2 INTERMEDIATE
LD273 LEADERSHIP 3 ADVANCED

Project suggestions: educational display on facilitation techniques, leadership methods, styles

Communication & Expressive Arts

Arts & Crafts

AC311 ARTS AND CRAFTS
AC312 VISUAL ARTS: DRAWING, FIBER ARTS, AND SCULPTURE
AC313 VISUAL ARTS: PAINTING, PRINTING, AND GRAPHIC DESIGN
AC314 GRAPHIC DESIGN
AC315 SCRAPBOOKING

For State Fair: Scrapbooking exhibits should be a 1 page/1 side representative of the complete scrapbook.

1. Size not to exceed 12"x12".
2. All pages should be in a clear protective sleeve or clear zipper bag.
3. Do not frame the scrapbook page.
4. If more than one page is submitted for an exhibit, the exhibit will be disqualified.

Project suggestions: Screen printing, watercolor painting, oil or acrylic painting, computer art, stenciling, calligraphy, stained glass, clay sculptures, weaving, ceramics, leatherwork, handmade jewelry

Clothing

CL521 SEWING 1 NOVICE
CL522 SEWING 2 INTERMEDIATE
CL523 SEWING 3 ADVANCED
CL524 SHOPPING IN STYLE

Project suggestions: A constructed garment or accessory based upon the level of enrollment. Blouse or shirt; skirt or jumper; Dress; Shorts, pants, culottes, or another one-piece garment with a crotch seam; Jacket, coat or cape; Outfit of two or more pieces; Sleepwear, robe or swimwear.

Clowning

CW231 CLOWNING

Project suggestions: Make-up display, costume, poster or educational display of clowning history, famous clowns

Crochet

CR321 CROCHET

Project suggestions: Garment, accessory, or home goods item, hat, gloves, hot pad, sweater, blanket

Filmmaking

FM270 FILMMAKING

Project suggestions: educational display on making a film, set design, directing

Interior Design

ID471 INTERIOR DESIGN 1 NOVICE
ID472 INTERIOR DESIGN 2 INTERMEDIATE
ID473 INTERIOR DESIGN 3 ADVANCED

All items, which are to be hung, must have hangers attached. Every item must include a statement and/or a photo describing what was done to the item (how it was made, amount of refinishing, etc.) Attach this to your exhibit (use an index card).

Project suggestions: interior design plans/examples

Knitting

KN331 KNITTING

Project suggestions: Garment, accessory, or home goods item, hat, gloves, hot pad, sweater, blanket

Photography

PH351 PHOTOGRAPHY 1 NOVICE

PH352 PHOTOGRAPHY 2 INTERMEDIATE

PH353 PHOTOGRAPHY 3 ADVANCED

1. *Photos must be mounted on a rectangular 8"x10" matte board. It can be the color of the photographer's choice.*
2. *The photographs must be 8"x10" or smaller.*
3. *The mounted photo should be placed in a clear plastic 8 ¼ x 10 ½ inch sleeve. Photos in Ziploc-type bags will be disqualified.*
4. *No captions, titles, or writing on the matte board. The picture should tell the story.*
5. *Margins are at the discretion of the photographer.*
6. *No photos using glass and/or wooden, brass, plastic frames, etc.*
7. *Photo stories should follow the above guidelines and consist of no more than 4 photographs per matte board.*
8. *Include name, address and county on back of photo.*

PLEASE NOTE: "Solid" requires that there are no cutouts (or other holes) in the matte board, either around or behind the photo (for example, a surface shaped like a picture frame is not a solid mounting surface). Sleeves are intended to protect these special exhibits from handling, dust, and humidity

DIGITAL EDITING RULES For State Fair 4-H photography exhibits, certain types of editing are permissible, and others are not.

- 1) *Altering (editing to change the contents of) a photo is not permitted for State Fair exhibits.*
 - a. *Examples include adding a sunset or object, removing someone from the shot, airbrushing to cover a bad complexion, giving a photo subject dinosaur eyes, etc.*
- 2) *Enhancing (editing to improve the existing qualities of) a photo is permitted.*
 - a. *Examples include cropping the photo, eliminating redevye, and changing levels of saturation, brightness, contrast, etc.*

Public Speaking

PS242 PUBLIC SPEAKING

Project suggestions: educational display on elements of speaking such as tone, appearance, posture

Quilting

QU341 QUILTING 1 NOVICE

QU342 QUILTING 2 INTERMEDIATE

QU343 QUILTING 3 ADVANCED

Project suggestions: children's quilt, bed quilt, potholders, coasters

Theatre Arts

TA251 THEATRE ARTS 1 NOVICE
TA252 THEATRE ARTS 2 INTERMEDIATE
TA253 THEATRE ARTS 3 ADVANCED

Project suggestions: costume, props, educational displays on theatre performance

Healthy Living

Cake Decorating

CD361 CAKE DECORATING 1 NOVICE
CD362 CAKE DECORATING 2 INTERMEDIATE
CD363 CAKE DECORATING 3 ADVANCED

*Butter Crème icing may be used by youth in units CD361, CD362, & CD363 for exhibition at the **St. Charles County Fair ONLY**. Exhibitors of cakes selected for the State Fair must follow the guidelines below.*

- 1. Exhibits will be judged on display and decoration only. Cakes will not be cut.*
- 2. Cupcakes must be submitted on disposable plates only.*
- 3. One tier equals two layers. A split layer is counted as one layer. Separators are to be used only with tiers.*

For CD361:

*No purchased decorations on the cake. **Must be a real cake.***

Project suggestions: *Any occasion cake. Four (4) cupcakes for any occasion. Any occasion cake with sugar mold(s) Special pan mold*

For CD362:

No purchased decorations on the cake. The use of form pans is recommended.

Project suggestions: *Any occasion cake using figure piping and appropriate decorations. Four (4) cupcakes with tube flowers & tips for finishing decorations, all different. Any occasion oblong or sheet cake, any colors, or tips, with color-flow design. Oblong or sheet cake with decoration for each serving.*

For CD363:

The use of form pans is recommended.

Project suggestions: *Any occasion cake of 2 or more tiers, any diameter, and with or without separators. Any occasion cut-up cake, any colors, or designs. Any occasion cake with a bouquet of 3 or more different tube flowers, using at least 3 colors in the bouquet.*

For State Fair: *Cakes should not exceed 13" in height or at the base. Cake boards are considered in the 13" base requirements. Cake boards should be sturdy, especially if using a cake pan. The use of Styrofoam forms is recommended. May only use Royal Icing, Rolled Fondant, or commercial product that will harden and preserve the decorated cake. Cakes may only contain non-perishable items. They should not be real cakes, use butter creme, soft royal icing, tube/gel icing, or include items such as pineapple tops or real flowers. Adding Tylose powder to fondant will help it hold its shape in humidity. Cakes with candy decorations are allowed; however, avoid using candy that*

melts (e.g., M & Ms, candy canes, etc.). Cakes that have melting items will be removed from display.

Foods/Nutrition/Preservation

FP500 FREEZING
FP501 DRYING
FP502 BOILING WATER CANNING
FP503 PRESSURE CANNING
FN551 FOODS 1 NOVICE
FN552 FOODS 2 INTERMEDIATE
FN553 FOODS 3 ADVANCED
FN557 INTERNATIONAL FOODS
FS566 FOOD SCIENCE 1 NOVICE
FS567 FOOD SCIENCE 2 INTERMEDIATE
FS568 FOOD SCIENCE 3 ADVANCED
FN581 BREADS

Foods, International Foods, & Food Science Projects:

Exhibitors should adhere to the following guidelines governing Foods and Nutrition Project exhibits and displays for the St. Charles County Fair and Missouri State Fair unless otherwise noted:

- 1. Foods must be of reasonable quality to keep for more than a week. Do not exhibit items that will quickly spoil such as casseroles, pizza, cream pies, items made with cream cheese, etc.*
- 2. Display food items on paper or disposable plates. Plastic wrap will be removed so drying of the food will extend the exhibit life of the product. Do not use glass, expensive, or keepsake containers!*
- 3. Biscuits, cookies, muffins, and other small items should be limited to four (4) per plate.*
- 4. Cakes and other bread products should be exhibited in mini-versions or in portions of 1/3 to 1/4 of the larger total product.*
- 5. Gift packages must contain some baked or home canned items.*
- 6. One (1) individually wrapped sample is needed with any food exhibit. This wrapped item is not to be a part of the four (4) items in the exhibit.*
- 7. No alcoholic beverages may be displayed in gift packs.*
- 8. A recipe card is to be attached to each exhibit.***

A **Bake It With Lard** Contest is sponsored by the St. Charles County Pork Producers. Awards will be given for first, second, and third place exhibits. Any food member may enter the contest by making an item with lard, but it must fit the regular foods classifications for the year in which the member is enrolled (Must be one of member's three exhibits). Please make a note of "Bake It With Lard" at the top of the exhibit tag.

Food Preservation Projects:

For safety reasons, all Food Preservation exhibits must follow these rules:

- 1. Canned goods/preserved items must follow current University of Missouri guidelines for processing.*

2. *Each exhibit must have attached an index card or label that outlines procedures and recipes used in processing.*
3. *Jars must be labeled with the name of the product and the date processed.*
4. *Any sign of spoilage or alteration from standard processing guidelines will be a basis for disqualification of the exhibit. Information on standard procedures is available from your County University Extension Center.*
5. *Jar and lid brands must match to compete for awards.*
6. *Judges at local judging must **not** sample any food preservation item.*

Project suggestions: Canned, dried, or pickled foods, a gift package of preserved foods, educational displays, etc. No cured hams.

Ball® Food Preservation:

The best exhibit submitted by youth from each category indicated below will receive the following awards. Entries must be preserved in Ball® or Ball® Collection Elite® Jars sealed with Ball® Lids and Bands or Ball® Collection Elite® Lids and Bands or preserved in Kerr® Jars sealed with Kerr® Lids and Bands or Ball® Collection Elite® Lids and Bands. In addition, soft spread entries will be limited to recipes prepared using Ball® Pectin: Classic, Low or No-Sugar Needed, or Liquid. Proof of purchase for Ball® Pectin must be provided at the time of entry. In Fruits, Vegetables, Pickled Foods and Soft Spreads, there shall be one winner in each category. Each winner shall receive one (1) \$5.00 product coupon for Ball® or Kerr® Fresh Preserving Products and one (1) \$5.00 coupon for Ball® Pectin Products.

Bread Projects:

Exhibitors should adhere to the following guidelines governing Foods and Nutrition Project exhibits and displays for the St. Charles County Fair and Missouri State Fair unless otherwise noted: One sample is needed with any food exhibit. Bread products should be exhibited in mini versions (portions of 1/3 to 1/4 of a larger total product.). Please send items on disposable plates only unless it is a gift package. Attach a recipe card.

For State Fair:

1. *Food must be of reasonable quality to keep more than a week. Do not send food items which will spoil quickly such as casseroles, pizza, cream or fruit pies, items made with cream cheese, etc.*
2. *Submit food items on disposable, clear, plastic plates. Plastic wrap will be removed so drying of the food will extend display life of the product. Food items will be displayed with their tags. Please do not send expensive or keepsake containers!*
3. *No samples or recipes are needed with any food items.*
4. *Perishable food items will need a second identification label. Perishable food items will be displayed with their tags.*
5. *Biscuits, cookies, muffins and other small items should be four per plate. Non/Undecorated cakes should be displayed in mini-versions (portions of 1/3 to 1/4 of a larger total product.)*
6. *BREADS: No samples are needed with any food item. Bread products may be displayed in mini or full-size versions. Please send items on disposable, clear, plastic plates, unless it is a gift package. Please do not send expensive or keepsake containers!*

Health/Fitness

HF711 BOWLING
HF712 GOLF
HF713 SQUARE DANCING
BY731 BICYCLE 1
BY732 BICYCLE 2
HF771 FIRST AID
HF772 STAYING HEALTHY
HF773 KEEPING FIT
HF774 PHYSICAL ACTIVITY IN 4-H CLUBS
HF775 MOVE ACROSS MISSOURI (MOVE)

Project suggestions: healthy living kits, education displays on sportsmanship, health, exercise, poster with bicycle parts labeled, bike safety suggestions, benefits of bicycling

Shooting Sports

Shooting Sports

SS741 ARCHERY
SS 744 AIR PISTOL
SS742 AIR RIFLE (BB AND/OR PELLET)
SS749 HUNTING & OUTDOOR SKILLS
SS748 MUZZLELOADING
SS740 SHOOTING SPORTS SAFETY
SS745 SHOTGUN
SS747 SMALL BORE PISTOL
SS743 SMALL BORE RIFLE (.22 CALIBER)
SS750 WESTERN HERITAGE & COWBOY SHOOTING

Project suggestions: targets, holsters, educational displays on safety or skills in given disciplines