"Learning By Doing" is the basis of 4-H work, and each year thousands of young Missourians between the ages of 8 and 18 do just that. The 4-H members make the items displayed in the Missouri State Fair 4-H Building. The Missouri State Fair provides a showcase for the skills and knowledge that members have gained through their 4-H experiences. Beyond developing practical skills and knowledge, 4-H members develop "life skills." Under the leadership of more than 9,000 adult volunteers, 4-H members learn to make sound decisions, work cooperatively in groups and develop a sense of self-worth and accomplishment. Missouri 4-H also fosters leadership, as older youth share their talents with younger 4-H members.

We salute all Missouri 4-H members, volunteers and families, and particularly those whose "learning by doing" experiences are represented at the 2016 Missouri State Fair.

ALL ITEMS IN THE 4-H BUILDING HAVE BEEN JUDGED AS COUNTY CHAMPIONS. ITEMS ARE NOT RE-JUDGED AT THE STATE FAIR!

SUPERINTENDENTS -
Livestock - Shane Potter (573-882-3835 or 573-882-1441)
Tommy Gillespie (573-882-3316 or 573-882-1441)

The Missouri State Fair does not guarantee premium money, merchandise, prizes or special awards. Because the State Fair Commission is without constitutional or statutory authority to borrow money for its operation, it reserves the right to prorate premium money because of state budget restraints.

4-H BUILDING GUIDELINES
1. Items made by 4-H members should reflect the skills they have learned in their 4-H project, the needs and interests of the 4-H'ers, and quality workmanship. Use the 4-H project literature and the "Clover" for ideas and criteria.
2. 4-H members may display only in projects in which they are enrolled in the current 4-H year.
3. Items must be made by the member submitting the item.
4. Items must be of good quality and must be the work of the 4-H member submitting the item.
5. Items must be submitted by the 4-H member.
6. No 4-H Building items must be registered either on the Missouri State Fair voucher computer program or on Fair computer program report. Special instructions for the preparation of these vouchers will be provided to 4-H Staff.
7. Following items will be displayed in special areas that allow fairgoers to touch and examine the items. The 4-H members name and address should be permanently affixed to item. *Notebooks - use a three-ring binder with region, county and youth name on spine. *Posters - (flat only; do not fasten items to the poster) - name and address on back. See additional poster information in Rule #9.
8. These items will be accepted from any project. Youth who show notebooks, posters, or file card systems should understand that their exhibits will be handled.
9. Where the item list states, "any item made," the 4-H member may display any item made by the member. This includes puddle notebooks, file cards, photo displays, posters, or educational displays. Be sure to mark the exhibit tag with Project number and description. "Any Item Made" size restrictions apply. See additional Information in Rule #9.
10. Because of display space, available cases and number of exhibits in certain projects dimension criteria is specified. Items which do not comply with size or other specifications will not be displayed or receive a ribbon. There should be no posters, notebooks, or patterns attached to projects. Scrapbooks made in projects other than class 315 will be displayed with other exhibits.

- Poster - No larger than 14" x 22"; flat only; do not fasten items to the poster. Posters are displayed together in custom-built bins according to vertical orientation. They are further organized by the seven University Extension regions, listed at http://extension.missouri.edu/ directory/places.aspx

- Educational display - Educational displays should not exceed 18 inches in height, 6 inches in depth and 12 inches in width. Must indicate three-dimensional items and be free standing. (Posters with items taped to them do not qualify as educational displays. Science fair display boards are too large.)

- Entomology or geology display boxes - Box must be no more than 12" long x 24" wide and 3 1/2" deep to fit in display racks. Plexiglas or plastic covers are preferred. Boxes will be displayed upright in racks.

- Working models - These exhibits should show how things actually work (cutaway-sections of motors or computers) or can be used to help people identify parts of a machine or a computer. Many times these exhibits are considered "hands-on" and can be handled by visitors. Working models should require floor space no larger than 14" x 22".

- Perishable items such as food, vegetables, crops and home grounds items are not eligible. All perishable vegetables will be donated to a charitable organization. These items are displayed in group settings, not as individual projects.

- Photographs of items too large or fragile: This is restricted only to large items such as welding projects or large woodworking items like furniture or fragile items whose display as delicate ceramic work. It is not intended as a substitute category for bringing in or mailing a project. All pictures of projects should not exceed 4 x 6 inches and should not have multiple pictures. Counties should send pictures individually, rather than making a poster board of all the pictures. The tag should be attached. Include on the voucher that this project is too large or fragile to come and describe project/item. These photographs will not be returned. Do not send pictures of items that would be disqualified if sent to the fair.

- 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".

- All 4-H Building items must be checked in and out of the 4-H Building by State Fair 4-H personnel during established times. (No exceptions will be made.) No early removal or checkout of items is permitted. Items which are not properly checked in or out of the 4-H Building will not be awarded ribbons.

- All 4-H Building items must be handled in a way that is visible to fairgoers. Remove all county or regional ribbons. Two identification labels should be securely attached, sewn or safety pinned to each item, 1 on the outside/front of the item and a second one behind, underneath or inside, like a label on a gift-wrapped item. Multiple piece exhibits should be fully labeled and connected (Examples: jacket and skirt; rocket and rocket launcher). Ideally, each item is also numbered to prevent items from being separated. Example: Each item in a 3 piece exhibit (e.g., "Clothing you buy" outfit) would be labeled, 1 of 3, 2 of 3, 3 of 3. Perishable items such as food, vegetable and crops should have exhibit tags in an envelope.

- Counties who mail or ship their items to the State Fair should enclose one printed copy of the State Fair Exhibit List and a digital file on a storage device (e.g., flash drive) with the voucher in the box with the items. In addition, mail one copy separately to: 4-H Superintendents at the Missouri State Fair Building, Missouri State Fair, 2503 W. 16th St., Sedalia, MO 65301. Use sturdy boxes. Do not ship cakes or items in glass containers. Items must be properly tagged and ready for display. Counties may not ship more than two boxes of exhibits and must include CASH to cover the return shipping or mailing costs.

- Hams will be annually enrolled in the Youth Class of the Country Ham Show and may become eligible for sale if selected as Champion. The 4-H member is required to complete all open division entry forms which should accompany the project at check-in and pay the $5.00 entry fee and $2.00 processing fee which is required in the Agriculture Building. Checks must be made payable to "Missouri State Fair". Only 4-H hams should be checked in and out of the 4-H Building. Hams checked in through the 4-H Building will be displayed in the 4-H Building. Exception - Grand or Reserve Champion Hams. Per open division rules, ham weights accepted are a minimum of 12 pounds and maximum of 30 pounds.
PROJECT LIST

CLASS

AEROSPACE
AE811 1: any item made
AE812 AEROSPACE 2: any item made
AE813 AEROSPACE 3: any item made
AE814 AEROSPACE 4: any item made
Display on a launch pad not more than 18" square in an upright position.

AGRONOMY
AG981 FORAGES: any item grown
AG982 GRAINS: any item grown

AMPHIBIANS AND REPTILES
AR611 AMPHIBIANS AND REPTILES: any item made

ARTS AND CRAFTS
Scrapbooking exhibits should be a 1 page/1 side representative of the complete scrapbook.
1. Size not to exceed 12" x 12".
2. All pages should be in clear protective sleeve or clear zippered bag.
3. Do not frame scrapbook page.
4. If more than one page is submitted for an exhibit, the exhibit will be disqualified.
AC311 ARTS AND CRAFTS: any item made
AC312 ADVANCED VISUAL ARTS 1: any item made
AC313 ADVANCED VISUAL ARTS 2: any item made
AC314 ARTS AND COMPUTERS: any item made
AC315 SCRAPBOOKING: any item made (No more than four per county).

BEEF
BF121 BEEF: any item made
BC135 BUCKET CALF: any item made

BIKE
BY731 BICYCLE 1: any item made
BY732 BICYCLE 2: any item made

CAKE DECORATING
Decorated Cakes: Cakes should not exceed 13" in height or at the base. Cake boards should not exceed 1" in height on each side of cake form and is considered in the 13" base requirements. Cake boards should be sturdy, especially if using a cake pan. The use of styrofoam will not be permitted. Cakes with candy decorations are allowed; however, avoid using candy that melts (e.g., M & Ms, candy canes, etc.). Cakes that have melted items will be removed from display. No more than six (6) per county total - all levels.
CD301 CAKE DECORATING 1: any item made
CD302 CAKE DECORATING 2: any item made
CD303 CAKE DECORATING 3: any item made

CATS
CA177 CAT CARE 1: any item made
CA178 CAT CARE 2: any item made
CA178 CAT CARE 3: any item made

CHILD DEVELOPMENT
CH411 CHILD DEVELOPMENT 1: any item made
CH412 CHILD DEVELOPMENT 2: any item made
CH413 CHILD DEVELOPMENT 3: any item made

CITIZENSHIP
CI200 PUBLIC ADVENTURES: any item made

CLOTHING AND TEXTILES
Be sure to double tag all clothing items.
CL521 SEWING 1: any item made
CL522 SEWING 2: any item made
CL523 SEWING 3: any item made
CL524 BUYING CLOTHES 1: any item bought or made
CL525 BUYING CLOTHES 2: any item bought or made

CLOWNING
CW231 CLOWNING: any item made

COMMUNICATIONS
CM237 COMMUNICATIONS 1: any item made
CM238 COMMUNICATIONS 2: any item made
CM239 COMMUNICATIONS 3: any item made

COMPUTERS
CP981 COMPUTERS 1: any item made
CP982 COMPUTERS 2: any item made
CP983 COMPUTERS 3: any item made
CP984 COMPUTERS 4: any item made
CP985 SCRATCH: any item made
CP986 ALICE: any item made

CONSUMER SAVVY
CS431 CONSUMER 1: any item made
CS432 CONSUMER 2: any item made
CS433 CONSUMER 3: any item made

CROCHET
CR321 CROCHET: any item made

DAIRY (Also see Goats)
DA131 DAIRY 1: any item made
DA132 DAIRY 2: any item made
DA133 DAIRY 3: any item made
DA134 JUDGING DAIRY CATTLE: any item made
BC135 BUCKET CALF: any item made

DOGS
DG171 DOG 1: any item made
DG172 DOG 2: any item made
DG173 DOG 3: any item made

ELECTRICITY
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 electrician tape placed on the ends.
EL831 ELECTRICITY 1: any item made
EL832 ELECTRICITY 2: any item made
EL833 ELECTRICITY 3: any item made
EL834 ELECTRICITY 4: any item made

ENERGY
EG661 POWER OF THE WIND: any item made

ENTOMOLOGY
Boxes must be no larger than 18" long x 24" wide x 3 1/2" deep to fit into the display racks. The insects should be named, labeled and mounted so the boxes can be displayed horizontally. Securely fasten display cover with tape or screws. If a member’s entomology collection is displayed in more than one box, the member may send only one box for display.
EN921 ENTOMOLOGY 1: any item made
EN922 ENTOMOLOGY 2: any item made
EN923 ENTOMOLOGY 3: any item made
EN924 BEEKEEPING: any item made

ENTREPRENEURSHIP
EP441 "BE THE E" ENTREPRENEURSHIP: any item made
EP442 ENTREPRENEURSHIP 1: any item made
EP443 ENTREPRENEURSHIP 2: any item made
EP444 ENTREPRENEURSHIP 3: any item made

ENVIRONMENTAL SCIENCE
EE914 EXPLORING ENVIRONMENT (ECOSYSTEM SERVICES): any item made
EE915 EXPLORING ENVIRONMENT (EARTH’S CAPACITY): any item made

EXPLORING 4-H (Grades 2 - 4)
Please refer to Building/General Showcase guidelines.
EX261 EXPLORING THE TREASURES OF 4-H: any item made

FILMMAKING
FM270 FILMMAKING: any item made

FINANCIAL CHAMPIONS
FC421 FINANCIAL CHAMPIONS 1: any item made
FC422 FINANCIAL CHAMPIONS 2: any item made

FOODS/NUTRITION
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 pies, items made with cream cheese, etc.
2. Submit food items on paper or disposable plates. Plastic wrap will be removed so drying of the food will extend display life of the product, and food items will be removed from plates and displayed as part of a bakery display. Individual tags will be displayed separately. Please do not send expensive items or keepsake containers!
3. No samples or recipes are needed with any food items.
4. Perishable food items do not need a second identification label. All tags will be displayed separately.
5. Biscuits, cookies, muffins and other small items should be four per plate. Non-decorated cakes should be displayed in mini-versions (portions of 1/3 to 1/4 of a larger total product.) A representative sample of each will be displayed.

6. Decorated cakes will be displayed in the Cake Decorating project.

7. Food items, excluding cakes, will be shown as an overall group display (each exhibit will not be displayed individually).

In 2016 we would like the eligible exhibitor to send a jpg photo of the baked item to 4youth@mizzou.edu by 8/7/16. Files must be named in this manner: Youthname_county.jpg. Example: LisaSmith_gentry.jpg. Jpg Purpose: Better identifies exhibitors.

FN551 FOODS 1: any item made
FN552 FOODS 2: any item made
FN553 FOODS 3: any item made
FN554 FOODS 4: any item made
FN556 WHAT'S ON YOUR PLATE: any item made
FN557 INTERNATIONAL FOODS 1: any item made
FN558 INTERNATIONAL FOODS 2: any item made
FN559 MICROWAVE MAGIC 1: any item made
FN560 MICROWAVE MAGIC 2: any item made
FN561 MICROWAVE MAGIC 3: any item made
FN562 MICROWAVE MAGIC 4: any item made
FN571 FOOD PRESERVATION: any item made

BREADS: No samples are needed with any food item. Bread products should be displayed in mini-versions (portions of 1/3 to 1/4 of a larger total product). Food items will be removed from plates and displayed as part of a bakery section display. Individual tags will be displayed separately. Please send items on disposable plates only, unless it is a gift package. Please do not send expensive or keepsake containers.

FN581 BREADS 1: any item made
FN582 BREADS 2: any item made
FN583 BREADS 3: any item made

FORESTRY

FO931 FORESTRY 1: any item made
FO932 FORESTRY 2: any item made
FO933 FORESTRY 3: any item made

GARDENING (fruits & vegetables) - see HORTICULTURE

GEOLOGY

See Item 9 for display box dimensions. Specimens should be labeled and mounted so the boxes can be displayed. Rocks need to be attached in the box securely. If a member's collection is displayed in more than one box, the member may send only one box for display. No knobs or handles. Boxes will be displayed upright in racks.

GG941 GEOLOGY: any item made

GEOSPATIAL

GS991 EXPLORING SPACES, GOING PLACES: any item made

GLOBAL EDUCATION

GE221 GLOBAL EDUCATION: any item made

GOATS

GA136 DAIRY GOATS 1: any item made
GA137 DAIRY GOATS 2: any item made
GA138 DAIRY GOATS 3: any item made
GA139 MEAT GOATS: any item made

HEALTH/FITNESS

HF711 BOWLING: any item made
HF712 GOLF: any item made
HF771 FIRST AID: any item made
HF772 STAYING HEALTHY: any item made
HF773 KEEPING FIT: any item made
HF774 PHYSICAL ACTIVITY IN 4-H CLUBS: any item made
HF775 MOVE ACROSS MISSOURI (MOVE): any item made

HOME ENVIRONMENT

HE471 HOME ENVIRONMENT 1: any item made
HE472 HOME ENVIRONMENT 2: any item made
HE473 HOME ENVIRONMENT 3: any item made
HE474 HOME ENVIRONMENT 4: any item made
HE475 HOME ENVIRONMENT 5: any item made
HE476 HOME ENVIRONMENT 6: any item made
HE477 HOME ENVIRONMENT 7: any item made
HE478 DESIGNING A SPACE OF MY OWN: any item made

HORSE

HS140 HORSELESS HORSE & HORSE KNOWLEDGE: any item made
HS141 HORSE RIDING: any item made

HORTICULTURE

FLOWERS - Live plants or cut specimens must be displayed in a container no larger than 8" in diameter. May be fresh or dried.

HO961 FLORICULTURE 1: any item grown or made
HO962 FLORICULTURE 2: any item grown or made
HO963 FLORICULTURE 3: any item grown or made
HO964 FLORICULTURE 4: any item grown or made

GARDENING (fruits and vegetables) The number in parentheses is the number of items displayed. The 4-Her must have grown the vegetables. Vegetables in edible condition at Fair will be donated to a charitable organization. The following guidelines should be followed:

1. Vegetables must be of reasonable quality to keep more than a week.
2. Use disposable containers (paper plates or boxes) to display the items.
3. Vegetables will be displayed as a large farmer's market display. Tags will be displayed separately.
   - 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 (1 for larger and 4 for smaller produce)

Gardening produce will be shown as an overall group display (each exhibit will not be displayed individually).

HO971 GARDENING 1: any item grown or made
HO972 GARDENING 2: any item grown or made
HO973 GARDENING 3: any item grown or made
HO974 GARDENING 4: any item grown or made

KNITTING

KN331 KNITTING 1: any item made
KN332 KNITTING 2: any item made

LEADERSHIP

LD271 STEP UP TO LEADERSHIP 1: any item made
LD272 STEP UP TO LEADERSHIP 2: any item made
LD273 STEP UP TO LEADERSHIP 3: any item made

LIVESTOCK JUDGING

LJ117 LIVESTOCK JUDGING: any item made

MEATS

Only those hams and bacon selected at county fairs as State Fair 4-H exhibits should be checked in at the 4-H Building. The 4-Her member is required to pay the $5.00 entry fee and $2.00 processing fee which is required in the Agriculture Building and complete all entry forms available in the Premium Guide at www.mostatefair.com. Only 4-H hams and bacon should be checked in and out of the 4-H Building.

Bacon

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.

ME114 COUNTRY CURED BACON: any item made
ME115 COUNTRY CURED HAM: any item made
ME116 MEAT EVALUATION PROJECT: any item made

Hams

Hams will be dually enrolled in the Youth Division of the Country Ham Class and may become eligible for sale if selected as champion. 4-H hams will be displayed in the 4-H Building.

Per Open Show Guidelines, ham weights accepted are a minimum of 12 pounds with a maximum of 30 pounds.

OUTDOOR ADVENTURES

OA761 OUTDOOR 1 (HIKING): any item made
OA762 OUTDOOR 2 (CAMPING): any item made
OA763 OUTDOOR 3 (BACKPACKING EXPEDITIONS): any item made
OA764 OUTDOOR 4 (CONSERVATION): any item made

PETS

PE101 PETS 1: any item made
PE102 PETS 2: any item made
PE103 PETS 3: any item made

PHOTOGRAPHY

REQUIREMENTS:
1. Photos must be mounted on an 8" x 10" solid mat board.
2. The mat board can be in a color of the photographer's choice.
3. Photographs must be 8" x 10" or smaller, with no more than four photos per mat board.

PLEASE NOTE:
**Solid** requires that there are no cutouts or other holes in the mat board, either around or behind the photo. Mount photos on the smoothest side of the mat board.
**Mat board** is a specific material, intended to keep the photo from getting bent or destroyed. It is not cardboard, foam core, poster board, etc. If local sources are not available, 8" x 10" mat board and exhibit bags may
be ordered from University of Missouri Extension Publications at http://extension.missouri.edu/exploreshop. Select 4-H members, project literature, then photography. See item #Y3500 8x10 matte board.
-Single window mats ("frames" made of mat board and sized 8\times10") are acceptable but not required.

DIGITAL CONSIDERATIONS AT THE STATE FAIR 4-H BUILDING

Techniques that can be performed in-camera. In a photo editing software program, or in a film darkroom are permissible. At State Fair, the line is drawn between "enhancing" and "altering" a photo:
1) Altering (editing to change the contents of a photo) is not permitted. Examples include cropping, dodging, burning, brightness/contrast adjustments and red eye reduction.

SENDING STATE 4-H PHOTO EXHIBITS TO STATE FAIR

"Photo exhibits should arrive in a bag that fits the photo, to protect it from dust, humidity, and handling. The bag should not be oversized and folded, as this makes it difficult to display on the rack. Photo bags may be ordered in bulk, from Missouri Extension Publications at http://extension.missouri.edu/exploreshop. Select 4-H members, project literature, then photography. See item #Y3501 8x10 display sleeve.

PH351 PHOTOGRAPHY 1: any item made
PH352 PHOTOGRAPHY 2: any item made
PH353 PHOTOGRAPHY 3: any item made

POULTRY

PO151 POULTRY 1: any item made
PO152 POULTRY 2: any item made
PO153 POULTRY 3: any item made

PUBLIC SPEAKING

PS242 PUBLIC SPEAKING: any item made

QUILTING

QU341 QUILTING: any item made

RABBITS

RB111 RABBITS 1: any item made
RB112 RABBITS 2: any item made
RB113 RABBITS 3: any item made

ROBOTICS

RO881 ROBOTICS (JUNK DRAWER): any item made
RO892 ROBOTICS (VIRTUAL): any item made
RO883 ROBOTICS (PLATFORM): any item made
RO884 ROBOTICS (GEAR-TECH 21): any item made
RO885 ROBOTICS (FIRST): any item made
RO886 ROBOTICS (GENERAL 4-H): any item made

SELF DETERMINED

Please refer to 4-H Building Guidelines.

SD950 SELF-DETERMINED: any item made - Citizenship
SD951 SELF-DETERMINED: any item made - Healthy Living
SD952 SELF-DETERMINED: any item made - Science

SHEEP

SH181 SHEEP: any item made

SHOOTING SPORTS

No live ammunition and arrow points should be removed. SS740 SHOOTING SPORTS SAFETY: any item made
SS741 ARCHERY: any item made
SS742 AIR AND PELLET RIFLE: any item made
SS743 SMALL BORE RIFLE: any item made
SS744 AIR PISTOL: any item made
SS745 SHOTGUN: any item made
SS747 SMALL BORE PISTOL: any item made
SS748 MUZZLELOADING: any item made
SS749 HUNTING AND OUTDOOR SKILLS: any item made
SS900 WESTERN HERITAGE & COWBOY SHOOTING: any item made (Must have a Western Heritage certified leader to be enrolled and to exhibit)

SMALL ENGINES

SE851 SMALL ENGINES 1: any item made
SE852 SMALL ENGINES 2: any item made
SE853 SMALL ENGINES 3: any item made

SPORT FISHING

SF725 SPORT FISHING 1: any item made
SF726 SPORT FISHING 2: any item made
SF727 SPORT FISHING 3: any item made

SWINE

SW181 SWINE: any item made

THEATRE ARTS

TAZ1 THEATRE ARTS 1: any item made
TAZ2 THEATRE ARTS 2: any item made
TAZ3 THEATRE ARTS 3: any item made

VETERINARY SCIENCE

VS191 VETERINARY SCIENCE 1: any item made
VS192 VETERINARY SCIENCE 2: any item made
VS193 VETERINARY SCIENCE 3: any item made

WELDING

Due to lack of outdoor exhibit space, large items will not be accepted. A 4\times8\;photograph of over-sized welding projects should be sent.
WE846 WELDING: any item made

WILDLIFE

WJ724 WILDLIFE: any item made

WOODWORKING WONDERS

W0871 WOODWORKING 1: any item made
W0872 WOODWORKING 2: any item made
W0873 WOODWORKING 3: any item made
W0874 WOODWORKING 4: any item made

DEMONSTRATIONS

General and working demonstrations are not judged at the State Fair.
1. Demonstrations must have earned a blue ribbon at a county achievement event and have been selected for State Fair.
2. Nominations must be made by 4-H staff and received by the State 4-H Office as close to July 15 as possible. The county 4-H staff must approve the nomination.
3. A member is limited to ONE DEMONSTRATION in the 4-H Building.
4. Team Demonstrations may consist of no more than three (3) members. An exception is made for skills presented in the Theatre Arts project. Theatre Arts may consist of no more than seven (7) members. Please refer to specialty contests which may have stricter rules. The entire team will be assigned a date and time.
5. Demonstrations which involve firearms, live animals, open flames or other unusual circumstances must call Paty at 573-882-1441 in the State 4-H Office for pre-approval.
6. Each 4-H member selected to demonstrate at the State Fair will be asked to give data preferences. The demonstration schedule is posted on the Missouri 4-H website (http://mophon4.missouri.edu) after August 1.
7. Demonstrators must provide their own ingredients, equipment, extension cords and props. A three-prong electric outlet, demonstration table and easel will be provided by the State Fair 4-H Building staff.
8. General demonstrations should not exceed 10 minutes in length.

The Missouri Sheep Producers will provide special monetary recognition for and demonstrator presenting a general or working demonstration about lambs, wool or sheep. The title of the demonstration must include a specific reference to sheep to qualify. May be enrolled in any project.

4-H Electric Theatre Demonstrations - Sponsor: Missouri 4-H
# of entries per county: Eight (8)  
Judging Criteria: Not applicable  
Age: Any age 4-H member  
Length of time: Should not exceed 10 minutes  
Project enrollment: May be enrolled in any 4-H project  
Other: Demonstration must be done inside Electric Theatre and use electricity.

4-H General Demonstrations - Sponsor: Missouri 4-H
# of entries per county: Eight (8)  
Judging Criteria: Not applicable  
Age: Any age 4-H member  
Length of time: 5-10 minutes  
Project enrollment: May be enrolled in any 4-H project  
Other: General demonstrations are those where the 4-H member shows and tells others how to do something. They are more formal than working demonstrations; therefore, require the use of a microphone.

Working Demonstrations - Sponsor: Missouri 4-H
# of entries per county: Four (4)  
Judging Criteria: Not applicable  
Age: Any age 4-H member  
Length of time: Approximately 30 minutes  
Project enrollment: May be enrolled in any 4-H project  
Other: Working demonstrations are more casual than General Demonstrations. Working demonstrators do not use a microphone or stage. Youth work on a project while responding to fairgoers questions. A poster giving the topic of the demonstration and the 4-H member’s name can be displayed on the table during the working demonstration.
SPECIALTY CONTESTS

Agrimissouri Foods Contest - Sponsor: Missouri Department of Agriculture - Saturday, August 20

- # of entries per county: Three (3), one from age group B-10, one from age group 11-13 & one from age group 14 & up
- Judging Criteria: The demonstrator must use a food product grown or made by a Missouri producer or company; provide background information on the producer or company, nutrition and preparation information, and the economics of the food product and the final dish. The demonstrator must present a finished product for judges' sampling and a recipe handout for the judges.
- Age: Any age 4-H member (8-10, 11-13, 14 and older)
- Length of time: 7-10 minutes
- Project enrollment: May be enrolled in any 4-H project.
- Sample required: A copy of the recipe and sample of the food should be given to judges.
- Team: No team demonstrations allowed
- Other: All contestants will receive Agrimissouri products. Awards will be presented at the Electric Theater 30 minutes after the last demonstration.

Chicken Bar-B-Q Contest - Sponsor: Missouri 4-H Monday, August 15 - cooking area assignment and set-up 8:30 - 9:30 a.m., East side of the 4-H Building, Jesse Lyons - Chair 573-474-8257

# of entries per county: Four (4)
- Judging Criteria: Contestant's barbecue skills as demonstrated while preparing cooking the chicken, and by judges' sensory evaluation of the finished product.
- Age: Age 14-18 as of January 1st of current program year.
- Length of time: 2 hours with ½ hour limit on preparation time.
- Project enrollment: May be enrolled in any 4-H project.
- Sample required: Two (2) barbecued chicken halves should be presented to the judges on provided plates without garnishes.
- Other: 1. Pre-registration and barbeque grill request, if desired, due to Jesse Lyons no later than July 1.
- 2. Contestants may have one adult (leader or parent) as a coach supervising and assisting during set-up, although cooking and product handling is restricted to the contestant.
- 3. Date of event information:
  a. Monitors provide participants with charcoal and lighter fluid, if desired.
  b. Contestants may bring their own lighter fluid and non-self-starting charcoal.
  c. Contestants may use their own grills if it does not exceed 350-400 square inches. Baskets may not be used for turning.
  d. Monitors provide participants four (4) 1/2 lb to 1 ½ pound chicken halves and a plate. The contestant may not inject fluid or sauce into the chicken.
  e. Contestants must furnish all other equipment and supplies, including sauce (commercial or private recipe).
  f. Contestants will use charcoal barbecue grilling techniques and present two barbecued chicken halves to judges on plates, without garnishes, at or before the end of the 2.5 hour period. In addition, the youth should give the judges a standard recipe card with information about sauce (brand or major ingredients) and key cooking instructions.
- 4. Ribbons will be awarded. Winning contestants who is 14-18 years old as of January 1 of the current year will qualify for the National 4-H Chicken Barbecue Demonstration Contest in Louisville, Kentucky in November. Website for the national contest is http://www2.ca.uky.edu/national4hpoultry. An additional contestant may qualify to cook turkey in the Turkey BBQ Contest at the national meeting. Travel assistance and lodging will be furnished for national contestants.

Egg Contest - Sponsor: Missouri Egg Council - Sunday, August 14

# of entries per county: Two (2) per county – 1 from ages 8-13 and 1 from age 14 and older.
- Judging Criteria: Each contestant prepares an egg dish and also presents information that reflects the contestant's knowledge about eggs, including: nutritional value, preparation, storage, function, grading-sizeing, versatility and economics of cooking with eggs.
- Age: 8-13, 14 and older
- Length of time: No more than 12 minutes
- Project enrollment: May be enrolled in any 4-H project.
- Sample required: Present a finished product for judges’ sampling and a recipe handout for the judges.
- Team demonstrations: Not applicable.
- Other: 1. Recipe must contain 1 whole egg per serving if a salad or main dish, ¼ egg per serving if an appetizer, snack, dessert or beverage.
- 2. The event is held in the Electric Theatre in the State Fair 4-H Building.
- 3. National contest opportunity: The winner in the 14 or older division may represent Missouri at the national contest in Louisville; travel and lodging will be available. Specific rules apply. Learn more by contacting Dr. Jesse Lyons, UMC Animal Science Extension, S-133 Animal Science Center, UMC, Columbia, Missouri 65211, jlyons@missouri.edu, 573-474-8257 or

JoManhart, Missouri Egg Council, 1000 West Nilong, Building 1, Columbia, Missouri 65203, jmanhart@jumbo.com, 573-874-3138. They will provide critique and encouragement for the Missouri winner to help perfect a winning demonstration for the national level. Additional recipes, criteria and score sheets available at http://www2.ca.uky.edu/national4hpoultry/.

NEW Cooking with Honey Contest - Sponsor: Missouri State Beekeepers Association - Date: August 19, 2016

# of entries per county: 3 per county (1 from each age division; 8-10, 11-13 and 14 and older)
- Judging criteria: The demonstrator must use honey grown or made by a Missouri honey producer or company; provide the honey producer or company’s name; give nutrition information; the health benefits of honey and the benefits of pollinators. The demonstrator must present a finished product for judges' sampling and a recipe handout for the judges.
- Age: Any age 4-H member (8-10, 11-13, 14 and older)
- Length of time: 20 minutes, including prep, demo and clean up
- Project enrollment: Any project
- Sample required: A sample of the food and a copy of the recipe should be given to judges.
- Other: 1st-3rd place will receive Missouri State Bee Keepers products. Awards will be presented in the Electric Theater 30 minutes after the last demonstration. The Missouri Beekeeper’s web site http://mstatebeekpers.org includes a list of regional beekeeper associations.

International Topic Demonstrations - Sponsor: Missouri 4-H Global Education Program - Saturday, August 13

# of entries per county: Three (3) demonstrations, with one from ages 8-10 and one from ages 11-13 and one from ages 14 and over.
- Judging Criteria: The best demonstration will include a lot of information about the place where the item originates and the people who use the item.
- Age: Any age 4-H member (see age brackets above)
- Length of time: 7-10 minutes
- Project enrollment: May be enrolled in any 4-H project.
- Sample required: If the item made is a food item, a copy of the recipe, nutrition information and a sample of the food should be given to judges.
- Team: Team demonstrations are allowed.
- Other: Members must earn a blue ribbon at the county level on any demonstration that relates to an International topic. Demonstrations can be about an item that is made in another country, used in another country, or originates from another country. Winners from previous years may compete again.

Pork Contest - Sponsor: Missouri Pork Association - Thursday, August 11

# of entries per county: Six (6) demonstrations per county, with two from age 8-10, two from age 11-13, and two from age 14 or older. Three places are awarded in each age category.
- Judging Criteria: Demonstration may be on any facet of pork, including food, nutrition, production practices, or by-products. Demonstration topics should be challenging and exhibit contestant's knowledge as well as presentation skills.
- Age: Any age 4-H member (8-10, 11-13, 14 and older)
- Length of time: 20 minutes, including preparation, demonstration and clean up
- Project enrollment: Members must be enrolled in Foods/Nutrition or Swine projects.
- Sample required: A sample of the food and a copy of the recipe should be given to judges.
- Team: Team of two are allowed only in the 8-10 year division.
- Other: Animals may not be used. First-place winners may not enter in the same age category two years in a row. Three places are awarded in each age category.

OTHER SPECIAL EVENTS

Saturday, August 13, 2016
International Day

Sunday, August 14, 2016
Clever Kid Day

Monday, August 15, 2016
State 4-H/FFA Dog Show

Wednesday, August 17, 2016
To be announced.

Thursday, August 18, 2016
Missouri After School Network

Date to be determined
Missouri 4-H Sport Fishing

For MISSOURI STATE FAIR SCHOLARSHIP information, please refer to the Sale of Champions section of this catalog.