Deadlines/Upcoming Events

August 1- State Shoot Deadline, Livestock Judging, Horse Public Speaking Contest
August 5- SEMO Fair Livestock Entries
August 8-CYL applications due to local Extension office
August 15- Fashion Revue
August 7-17- MO State Fair
August 23-24- State Shoot
September 6- State Livestock Judging Contest
September 6-13- SEMO Fair
September 15- Shooting Sports Leader Workshop Deadline unless filled
September 20-21- State Shooting Sports Contest
September 23-27- Delta Fair
October 11- 4-H Regional Energizer in Poplar Bluff

Please turn in club reports by August 29th!

PROJECT HIGHLIGHT: BICYCLE

Feel the wind in your face, the excitement of propelling your own motion and the freedom a bike can give you!

In the bicycling project, you'll not only get to experience fun with your friends, but you'll also learn the practical side of owning and caring for a bike. You'll learn the parts on a bike, riding rules, and maintenance to keep your bike ready to ride for a long time.

COUNTY YOUTH LIAISON (CYL) APPLICATIONS DUE AUGUST 8

County Youth Liaisons, or CYL's, are elected to interact with clubs and the 4-H Council to identify needs of the county and clubs. This position will look great on resumes and when applying for scholarships! If you are interested, the CYL application will be attached. For more information, please contact your local extension office.
THE NEW 4-H YEAR STARTS IN SEPTEMBER!

What does this mean? If you are a current 4-H member and you would like to stay in the program, re-enrollment begins in September. Please contact your local extension office to re-enroll, as there are new enrollment forms this year.

DELTA FAIR IS COMING SOON!

The Delta Fair is scheduled for September 23-27 in Kennett, Missouri. More information will be available soon!

ROBOTICS CONFERENCE SEPTEMBER 13

Volunteers who want to learn more about the robotics project are invited to the Robotics Conference September 13 in Farmington. For more information and to register, please contact your local extension office.

SHOW ME QUALITY ASSURANCE (SMQA)

Last reminder! If you are exhibiting livestock at the SEMO District Fair, you must be SMQA certified. Please complete it online at: http://agebb.missouri.edu/smqa/. You will not be allowed to show if the certification is not completed.

to choose from, such as: air rifle, archery, trap, skeet, .22 rifle and more. Registration is due September 15, but don’t wait! The workshops fill quickly, so register as soon as possible. Details and the registration form are available on the Missouri 4-H Shooting Sports website: http://4h.missouri.edu/go/projects/shootingsports/workshop.htm

SHOOTING SPORTS LEADER CERTIFICATION WORKSHOP OCTOBER 3-5 BLUE MOUNTAIN CAMP FREDERICKTOWN

Are you interested in becoming a certified shooting sports instructor? There are many disciplines
SEMO FAIR

The SEMO District Fair will be here before you know it!

Livestock entries are due August 5.
Nomination forms for sheep, goats, and swine are due to the Cape County Extension Office on July 15.
The forms are all posted at: http://extension.missouri.edu/capegirardeau/4H.aspx

*4-H Beef, swine, sheep, and goat shows will be Sept. 10.
*4-H Poultry, rabbit and guinea pig show is Sept. 6.
*4-H Dairy and Dairy Bucket Calf show is Sept. 7.
*4-H Horse, mule and pony show is Sept. 12.
*The 4-H Exhibit Hall will be accepting entries Sept. 5 from 5 pm – 7pm and Sept. 6 from 8am - 12 pm.

4-H MEMBERS SERVICE GOAL
4-H members across Missouri contributed over 10,500 hours of service to fighting hunger in their communities last year. 4-H clubs and individual youth organized food drives, planted community gardens, hosted dinners, made public presentations, and promoted the Invest an Acre program as part of a yearlong 4-H campaign to find solutions to hunger through service. The 2014 Missouri State Fair will present another opportunity for 4-H'ers to go above and beyond. A 14-foot Canstruction™ canned food sculpture of the 4-H Clover will be built and on display in the agriculture building, August 7-17 at the Missouri State Fair.
4-H youth are challenged to join in the food drive by collecting canned food items. Youth may bring items to the fair or donate them to a local food pantry and report the total number of items collected when they arrive at the Missouri State Fair.
4-H youth accompanied by an adult chaperone can also sign up to work at the 4-H Clover Canstruction™ booth.
For more information about the 4-H Clover Canstruction™ or how your 4-H group can be involved, please contact Steve Henness, 4-H Center for Youth Development, hennesss@missouri.edu, (573) 884-6618

“In every difficult situation is potential value. Believe this, then begin looking for it.”
Norman Vincent Peale

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University of Missouri Extension provides equal opportunity to all participants in extension programs and activities and for all employees and applicants for employment on the basis of their demonstrated ability and competence without discrimination on the basis of race, color, national origin, sex, sexual orientation,
**Supplies**
- Mixing bowl
- 4 envelopes of unflavored gelatin
- Hot water
- Square baking pan
- Vegetable oil
- Liquid dishwashing detergent
- 2 small bowls
- Stop watch or a watch with a second hand
- Measuring cup

* The supply quantity listed above is designed for approximately five children. If you have more than five children you will need to increase the amount of materials and supplies. Do not let children eat the gelatin cubes after they've been handled or after they're covered with liquid.

**Directions**
In a mixing bowl, dissolve the gelatin in two cups of hot tap water. Coat the inside of the pan with vegetable oil. Pour the gelatin mixture into the pan and put it in the refrigerator until firm. Cut the gelatin into cubes about 1 inch x 1 inch (approximately 64 cubes). Place 15 cubes into one bowl. Place the second bowl about 6 inches away from the cube bowl. Place the watch so that children can see it. Tell them that when you say go, they start picking up the cubes one at a time using their thumb and index finger (caution them not to squeeze!).

See how many cubes they can transfer to the other bowl in 5 seconds.
Tell children to put all the cubes back in the first bowl. Pour ¼ cup dishwashing liquid over the cubes. Gently mix the detergent and the cubes so that the cubes are well-coated. Using the same method as before, ask children to transfer as many cubes as possible in 5 seconds. Throw away the cubes and detergent and wash and dry both bowls. Put 15 new cubes into one bowl and pour ¼ cup water over the cubes, again making sure the cubes are thoroughly coated. Ask children to see how many cubes they can transfer in 5 seconds.
Again, throw away the cubes and water. Put 15 new cubes into one bowl. Pour ¼ cup of vegetable oil over the cubes. Make sure they are well coated. Again, ask children to see how many cubes they can transfer in 5 seconds.

Ask children to answer the following questions:
1. With which liquid were they able to transfer the most cubes?
2. With which liquid were they able to transfer the fewest cubes?
3. Which liquid was the best lubricant (the slipperiest)? Which was the worst?