August 4-H Meetings

Wednesday 6 & 20:
Neelyville 4-H Club Meeting, 4pm

Wednesday 6 & 20: Royal Riders 4-H Club Meeting, 3:15pm

Wednesday 13:
Rombauer Rascals Meeting, 5:30pm

Mondays:
4-H Rifle Club Meeting, 6pm

To Be Announced: Steppin’ Up 4-H Club Meeting, First United Methodist Church, Poplar Bluff 5:30 pm

HAPPY BIRTHDAY!
Blake Jordan, August 1
Cami Adams, August 3
Thelma Brown, August 14
Emily Shelby, August 17
Tristan Gillhan, August 17
Emma Redmon, August 17
Elijah Chapman, August 22
Sara Owen, August 23
Payton Spradley, August 28

Deadlines
Local Events/Projects:
August 5- SEMO Fair Livestock Entries
August 6- Twin Rivers Back-to-School Fair
August 7- Back-to-School Fair (Black River Coliseum), Butler County 4-H Craft Day and Achievement Day
August 8-CYL applications due
August 7-17- MO State Fair
August 23-24- State Shoot
September 5- Show-Me

Wares applications, Awards forms, Secretary and Treasurer’s Books, Project Record Forms due
September 6-13- SEMO Fair
September 10-12- Butler County Fair
September 21- State Shoot
September 23- Butler County 4-H Recognition Night

Please turn in club reports by August 29!

Did you know?
Orscheln Farm & Home offers a 10% discount on items used for 4-H projects!
**4-H COUNCIL MEETING**

The next council meeting is scheduled for Monday, August 4 at noon at the University of Missouri Extension office in Poplar Bluff. Lunch will be served by volunteers and all 4-H members, leaders and parents are strongly encouraged to attend!

**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.

**POPLAR BLUFF COMMUNITY GARDEN**

Marge VanPraag, U.S. Forest Service, has rented a plot of land behind Key Drug in Poplar Bluff for the community garden. Any 4-H'ers interested in helping or learning about gardening may call Marge at (573) 718-3784 or email singsmom@gmail.com

**CLUB HIGHLIGHT**

The 4-H Rifle Club had ten members complete the 4-H Shooting Sports Safety Training. They learned the parts of a gun, range commands, and gun safety. Club members have been busy practicing out on the range and there have been many bulls eyes already!

**4-H DAY CAMP**

4-H Day Camp was a blast! Youth from Stoddard, Butler and Oregon counties enjoyed a day full of science themed activities. Campers made bubbles, volcanoes, lava lamps, crafts, tie-dye and much more!

**ACHIEVEMENT DAY**

Calling ALL Butler County 4-H'ers! Achievement Day and Crafts will be held Thursday, August 7 at the First United Methodist Church in Poplar Bluff. Registration begins at 10:00am and events will run until 12:00 noon. You will earn certificates in all events.
entered and top placing in each event will receive awards at Recognition Night. Crafts for the Butler County Fair will be from 1:00pm – 3:00pm.

Everyone who plans to stay the entire day will receive a FREE lunch! The Achievement Day events include: Judging Classes (Foods, Horticulture, Clover Kids Judging, Photography, Arts & Crafts), Demonstrations, Show and Tell, Project Evaluation, Personal Development and Public Speaking.

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 at (573) 686-8064.

SHOW ME QUALITY ASSURANCE (SMQA)

Last reminder! If you are exhibiting livestock at the SEMO District Fair OR are enrolled in a 4-H animal project, you must be SMQA certified. Please complete it online at: http://agebb.missouri.edu/smq/a/. You will not be allowed to show if this is not completed.

SHOW-ME 4-H WARES AT THE BUTLER COUNTY FAIR

The Butler County 4-H Show-Me Wares booth is accepting applications for young entrepreneurs to sell their 4-H products at the Butler County Fair September 10 - 12. 4-H’ers who are not in the entrepreneurship project are also eligible to sell wares at the fair. Applications are due to the Butler County office by September 5. Entries will be checked into the fair from 3pm – 8pm on September 10.

SEMO FAIR

The SEMO District Fair will be here before you know it! Livestock entries are due August 5.

*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 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.

**STATE 4-H FASHION REVUE**
The date is September 13 on the MU campus in Columbia. The state registration due date is August 15. Cost is $25 per person and registration and health forms are available at: http://4h.missouri.edu/events/fashionrevue/.

**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 at: (573) 686-8064.

**STATE FAIR: CALL FOR ENTRIES IN CONTESTS!**
Entries in the Largest Homegrown Tomato Contest will be accepted in one age division, youth 3-12 years old. Entries in the Fun on the Farm Poster Contest will be accepted in two age divisions, youth 5-8 years old and youth 9-12 years old.

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.

Shooting Sports Leader Certification
Are you interested in becoming a certified shooting sports instructor? There are many disciplines 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
Winners in both contests will receive the following prizes: 1st place will receive 22 gate admission tickets and 2 unlimited carnival ride wristbands; 2nd place will receive 16 gate admission tickets; 3rd place will receive 12 gate admission tickets; and 4th place will receive 8 gate admission tickets; each winner will also receive a coupon for a free funnel cake or corn dog. Every contestant will receive a participation ribbon for their efforts and a coupon for a free snack from the AgriMissouri Market, located inside the Ag Building. Complete details for the contests are available at: www.mostatefair.com/special-contests.

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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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?