



The Bootheel 4-H Bulletin

Missouri 4-H website: <http://4h.missouri.edu/index.htm>
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[Dunklin/New Madrid County 4-H](#)

4-H Clubs

South Dunklin County 4-H

Meeting times vary in Cardwell. Contact Sherry McClelland for times and location.

4-H Youth in Action

Meets on the second and fourth Fridays in New Madrid.

Risco 4-H

Meets last Monday of every month at 5:30 pm at Risco Middle School.

Deadlines & Events

February 18- 4-H Regional Energizer, Advance

February 20-22- Legislative Academy, Jefferson City

February 21- 4-H Scholarship Applications Due

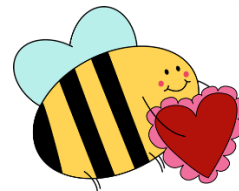
February 25- State Meat Judging Contest, Columbia

March 3-5- Youth Civic Leaders Summit, Windermere

March 11- Steer Weigh In, Fruitland

March 24-26- Shooting Sports Leader Certification, Clinton

March 25-26- Teen Conference



February Birthdays!

Zachary Walker 6th

Liberty Johnson 10th

Nathan Johnson 17th

Do you need team building activities for your

club? If so visit <http://extension.psu.edu/4-h/leaders/resources/publications/g0100c-teambuilding-facilitation-manual.pdf>

New Missouri 4-H Community Service Learning Materials-

The new Missouri 4-H Service-Learning Website offers many resources for clubs in community service-learning this next year! For information visit

<http://4h.missouri.edu/service/main>

Camp CA-POW!-

You can do anything! Take the first step and expand your college knowledge this spring. If you are in middle school or Jr High (grades 6-8), you are invited to a free camp in March to visit campuses, explore career paths, and hear college students share their stories! See the attached flyer for sign up details!

SEMO Fair Steer Weigh In Information-

Steer Weigh in is Saturday, March 11, 2016 at **9:00 am – 11:00 am** at Fruitland Livestock Auction Barn. Youth will need to bring \$1 per steer for the tag. Steers to be shown at the SEMO District Fair must be weighed in at this time. Each youth will be able to weigh in **4 steers** total. Steers can be entered in an individual's name or sibling's names at weigh in. If entered as siblings at weigh in, the steer must be designated in one youth's name at fair entry time. 4-H youth will be able to show **TWO** steers this year, instead of one. Nose prints for the Missouri State Fair will be taken at steer weigh in as well.

State Meats Judging Contest -

February 25, 2017 at UMC Eckles Hall, Meat Lab. Registration is at 8:30 and the contest starts at 9 a.m. and will conclude about noon with lunch provided for all.

Entries: Through 4-HOnline. Youth and coaches must register. Substitutions are accepted before and day of contest. Cost: \$20 per member and no fee for coaches. If paying by check, your payment must be received at your County Extension Center office within five days of registration or your registration may be deleted. Please make checks payable to University of Missouri.

For more information go to

<http://4h.missouri.edu/meatsjudging/main>

H2grOw Challenge-

January 1 to May 1, 2017

We need food to survive. But food security is a problem around the world, and at home. Get creative as you design a sustainable living environment for aquatic life *while* growing food in this season's Purple Plow Challenge!

PARTICIPATION RULES

Eligibility: Individuals, groups, and classes in grades 5, 6, 7, and 8 are eligible to enter the challenge competition.

Deadline: Challenges will be run seasonally. For the current challenge, entries must be submitted by May 1st, 2017. To submit your entry, use the Submit button on the Challenge page.

Prizes: The top 3 entries will win a 3D printer and Visa gift card to help you buy supplies for your next Maker Challenge! Medals will be awarded to all team members.

<http://www.purpleplowchallenge.org/h2grow-challenge/>

Last Reminder! Shooting Sports Leader Certification-

The spring workshop is taking place March 24-26, 2017 at Camp LifeChange in Clinton, MO. Registration opens within 4HOnline on February 1 and closes on March 15, or when full. The cost for the workshop is \$80.00 and includes five meals, overnight lodging (one or two nights), and workshop materials. Workshops usually fill up before the deadline so do not delay! For more information about the workshop, please check out our website at:

<http://4h.missouri.edu/shooting-sports-events/shooting-sports-leader-certification>

Currently SE region has a grant to reimburse the \$80 fee after attending the workshop. For more information contact 686-8064.

Hunting & Outdoor Skills Leader Certification Workshop-

The workshop will take place March 31-April 2, 2017 at the Windermere Conference Center in Roach MO.

Registration opens within 4HOnline on February 1 and closes on March 15. Registration is limited so do not delay. The workshop covers topics such as, wildlife identification, firearm selection, plaster casts of animal tracks, Dutch-oven cooking, simulated hunting and shooting activities and much more! For more information, please click on the following link: <http://4h.missouri.edu/shooting-sports-events/outdoor-leader>

2017 State Shoot Information-

The Missouri 4-H State Shoot Dates have been decided-mark it on your calendars!

- Archery 300 State Shoot: **August 26th & 27th** at Prairie Grove Shotgun Sports in Columbia MO
- State Trap Shoot: **August 26th** at Missouri Trapshooters Association in Linn Creek MO
- State Skeet Shoot: **August 27th** at Gateway Gun Club in Bridgeton MO
- State Shoot in September: **September 16th & 17th** at Prairie Grove Shotgun Sports in Columbia MO.

Mini-grant Opportunity Focused on Creating Pollinator Habitat-

Through a partnership with GROWMARK cooperative, Missouri 4-H is able to offer a mini-grant opportunity focusing on the creation of pollinator habitat. Honeybees and other pollinators play an important role in the agricultural ecosystem. These same pollinators are under stress from a number of factors: pests, disease, lack of habitat, and more. Your club can do its part to help sustain and increase Monarch and honeybee populations by participating in the GROWMARK Pollinator Program to promote pollinator health! For more information, please visit <http://4h.missouri.edu/monarchs/main>. The online application (www.bit.ly/20174hpollinator) is due by March 31, 2017.

National Geographic Giant Travelling Floor Map of Missouri-

Would your club like to do activities on a giant floor map of Missouri? The Missouri Geographic Alliance (a part of the Missouri 4-H Center for Youth Development) has 3 maps that range from 15x15 ft. to 17x21 ft. that are for check out. They are for indoor use only, and come with activities, manipulative items to use on/with the map. The only cost for educational purposes is

shipping (none if picking up in Columbia). More information & Photos can be found at <http://mga.missouri.edu> (click on Giant Traveling map links).

Opportunity to Host Exchange Students-

We will be hosting 12 Japanese exchange students (12-15 years) from late July through mid-August. Applications for serving as a host family can be found on the website under Global Education - <https://www.states4hexchange.org/apply/host/>

For older 4-H members, we have the Academic Year Long exchange – these students arrive in late July/Early August from Japan, Korea and Eurasian countries to enroll as a Junior in our public high schools. Their English skills are very good and they are motivated to be a good ambassador for their country. Contact your local Extension office if you would like more details on this opportunity.

Last Reminder! 2017 Missouri 4-H Equine Tour-

May 22-28, is headed to Oklahoma and Texas exploring the western equine world for teens dreaming of an equine related career or aspiring to learn more about the horse world. Each year's tour has a unique itinerary to help youth explore the diverse equine industry indigenous to the destinations. The 2017 will have a focus on the western performance and rodeo industry with visits to leading medical facilities, tours of top performance quarter horse ranches including the Lazy E, the Remington Horse Racing Track, the Cowboy Hall of Fame, and Fort Worth Stockyards. Visits to higher education institutions such as Northeastern Oklahoma

College, Oklahoma State University, will be included with additional opportunities to meet nationally recognized leaders and trainers in the western equine industry. The \$600 tour fee includes charter bus transportation, tours, hotels, most meals, tour t-shirt, travel bag and other associated costs. Applications are available:

<http://4h.missouri.edu/equine-tour/equineregist>

The fifty four seats typically fill prior to the March 1 deadline. To avoid disappointment, submit complete application packet early! Questions? Debbie Davis, davisdd@missouri.edu or 816-539-3765.

Robot and Technology Expo-

Events - VEX, Robofest and our Own Motorized Challenge

As always, we will have a full VEX competition running (Mineral Area VEX Challenge - Starstruck) with Programming Skills and Robot Skills awards. Sign up for one final competition experience before your teams head off to worlds, prep for Skills USA or TSA events, or wrap things up for the year.

There will also be a Robofest competition, including both a junior category (grades 5-8) and a senior category (grades 9-12). It's a great challenge this year and there are excellent resources posted online for coaches. Teams may enter any type of robot including LEGO bots, VEX IQ or EDR, or any other robot kit or homebuilt robot. Winners of the Robofest GAME competition will be eligible to attend the World Championships in Florida this summer. The winners of the Robofest Exhibition category will also be eligible to apply via video to attend the World Championships.

The Motorized Challenge is another opportunity for youth to show off their projects working with LEGO WeDo or other systems. Their challenge is to build models

which include at least one motor and one sensor and which are designed around the theme Amusement Park or Factory. Their models may be programmed using the WeDo software or Scratch or other age appropriate software. They will also make a mini-poster and present their models to judges.

In-person workshops open to all REGISTERED Robofest teams:

Saturday, Feb 4th 9am - 1pm

Saturday, March 4th 9am - 1pm

@ Lab:Revolution in the Factory in Farmington.

Register Today

www.tinyurl.com/2017robottechnoexpo

All teams must be registered by the end of February.

If you have any questions contact Ann Boes at 573-327-2009.

Scholarships-

Missouri 4-H Foundation Scholarships

4-Hers who are current high school seniors and former 4-Hers who are college students are eligible to apply. The scholarship guidelines and application is available on the Missouri 4-H Foundation website at <http://4h.missouri.edu/foundation/scholarships.aspx> Local Extension office deadline is February 2.

<http://collegeapps.about.com/od/grantsandscholarships/tp/college-scholarships-february.htm>

"Be the reason someone smiles today."- unknown

4-H GROWS HERE



Valentine's Day Craft-



Supplies:

- Valentine colored construction paper
- Black, white, orange, and light blue paper (or other color to use as eye color)
- Valentine colored paint
- Sticky foam hearts

Instructions:

1. Fold one large sheet of Valentine colored paper in half hot dog style (the teacher in me) and cut an owl-like shape out of it. (a large round hump for its body, smaller hump for its eyes, and a little slanted box at the top of its head.)
2. Cut the three separate circles for your owl eyes. I use a drinking glass to trace circles onto the construction paper before cutting. The top of the glass for the largest circle and the bottom of the glass for the second smallest.
3. Cut out a small rounded beak out of orange colored construction paper.
4. Paint both hands with paint that matches the Valentine color of your owl body. Use a separate sheet of paper to print your hands on.
5. Allow your handprints to dry before cutting them out in a wing format.
6. Glue your owl pieces and wings on to your owl body.
7. Add your sticker foam hearts to the belly of your owl.

Source <http://oaklandcountymoms.com/valentines-day-craft-for-kids-owl-always-love-you-33923/>

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