

4-H Happenings!

News for 4-H families and friends

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June 2009

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4-H Missions in Space

U.S. Space & Rocket Center
Huntsville, Alabama
Oct. 8-11, 2009

Applicants must be in the 6th grade or above at the time of the trip. The Pathfinder program is 3 days of non-stop activities exploring the history, present and future of manned space flight. Participants are immersed in hands-on training for a space shuttle mission, experiencing both shuttle and space station simulators. Presentations are packed with interesting facts and trivia that students remember long after the adventure is over. IMAX presentations! A wonderful opportunity for youth in 6th grade through high school.

Travel is by charter bus, with pick up or drop off locations in NE Missouri. Get your brochure today! Space is limited. Registrations accepted on first-come basis. Pre-registration due June 19. Questions? Contact Don Nicholson at 573-769-2177 or Tracie Moore at 660-385-2173. Financial support is provided by the Pike County 4-H Council for members in good standing and assisted with the county fundraiser.

State Poultry Day, June 13

MU Extension 4-H State Poultry Day will begin at 8:30 a.m. on June 13 at MU and will include informational presentations, an evaluation clinic, judging contests and a quiz bowl. Registration is \$10/youth, \$15/adult. T-shirts are available for \$6; include order and payment with registration.

WANTED—Host Families

Seeking host families for two female students on the FLEX program who will arrive mid-August and depart mid-May. They will be enrolled as juniors at the local school. For more information on host responsibilities, contact Joyce Taylor at 660-728-2280 or TaylorJL@missouri.edu.

State Fair Animal Ownership Dates

The following is the most current list of the State Fair Ownership Dates for breeding and market livestock and companion animals. Some of the market animal dates have changed.

Beef Cattle – Steers – 3/15	Dairy Cattle – All Dairy Cattle – 6/1
Beef Cattle – Breeding Animals – 6/1	Dairy Goats – 6/1
Sheep – Breeding Animals – 7/1	Meat Goats – Breeding and Market – 6/15
Sheep – Market Lambs – 6/15	Dogs – 4/1
Swine – Breeding Gilts – 90 days	Rabbits – Breeding – 6/1
Swine – Breeding Boars – Since farrowing	Rabbits – Meat Pen – 5 – 10 weeks prior to show
Swine – Market Hogs – May 15	Poultry – Meat Pen – 8 – 10 weeks prior to show
Horses – 5/1	

FAIR FANS IT'S TIME TO HAVE "MORE FUN THAN EVER!"

Source: State Fair News Release

If you are a competitive exhibitor, you need to act now by previewing the Premium Guide on the Fair's Web site. Entry forms will be available on line May 4th at 9 a.m. Follow these steps:

Go to www.mostatefair.com to view entry information.

1. Click on competitions to find the Premium Guide.
2. Select the category you want to enter.
3. Find all the rules and schedules.
4. Download entry forms, available May 4th at 9 a.m.
5. Fill out forms, print and send with entry fee to the Fair.

Daily discounted exhibitor admission tickets are back again this year and available to all competitive entrants for \$4 each. The former Livestock Exhibitor Pin is no longer available. The tickets can be purchased through August 12 from the Missouri State Fair business office and will not be available at the gate. Each exhibitor can purchase up to 40 tickets; admission is free for exhibitors age 12 and under and so these exhibitors do not need admission tickets. The tickets do not include parking.

Reserved campgrounds open Sunday, August 9, and are only available for livestock exhibitors, concessionaires and persons with disabilities. Camping reservations will be accepted with completed entry forms beginning May 4; forms are available on-line. Public campgrounds open Thursday, August 6 at 9 a.m. with a \$20 a day per vehicle fee and is on a first-come, first-served basis.



Missouri State Fair 4-H Events

Saturday, August 15

International Day
International Demonstration Contest
Egg Demonstration Contest

Sunday, August 16

Pork Demonstration Contest
Soy Foods Demonstration Contest
Clover Kid Day
2009 Missouri 4-H Hall of Fame induction ceremony, 2 p.m.

Monday, August 17

Chicken BBQ Contest

Tuesday, August 18

State 4-H/FFA Dog Show

Wednesday, August 19

Leroy Van Dyke's Country Gold Tour, 7:30 p.m.

Thursday, August 20

Show-Me Robots—Lowell Mohler Assembly Hall, noon-6 p.m.

Saturday, August 22

Agri-Missouri Foods Demonstration Contest
Mentos Soda Launch—Pepsi Grandstand infield, 2 p.m.

More Fun in Science at the 2009 Missouri State Fair

MU Extension 4-H is co-sponsoring the three-day **More Fun in Science** event at the Missouri State Fair, Aug. 20-22. Plan to be at the fair for **Show-Me Robots**, Aug. 20, when Lowell Mohler Assembly Hall will be full of exhibits, robot demonstrations, competitions and hands-on robot activities. MU Extension 4-H members also can help set a world record at the **Mentos Soda Launch** at 2 p.m. in the grandstand infield, Aug. 22. The goal is to create 2,500 fountains by dropping Mentos into soda. And while you're at the fair, be sure to stop by the 4-H Building to find your exhibits and watch some demonstrations. See you at the fair!

Dairy Goat Photo Contest at State Fair

MU Extension 4-H and FFA members showing dairy goats at the Missouri State Fair are invited to submit matted photos, no larger than 5X7, to the new dairy goat photo contest at the fair.

Members may submit as many photos of goats as they like; it is not necessary to own the goat in the photo.

Photos should be turned in during normal fair check-in. Three age divisions will be determined on the day of judging and prizes will be awarded.

If you have any questions, call Gretchen Sims at 660-879-4597 or e-mail sims@iland.net.

Robotics Summer Camp 2009

Two Session: July 23-25 (ages 11-14) July 27-29 (ages 12-15)

Held at Missouri University of Science and Technology; Rolla, MO

Are you ready for the challenging world of robotics? Robotics camp will help you explore electronics, sensors, motor and servo control, programming, control techniques and robotic applications in today's society.

Using the LEGO Mindstorms NXT, student teams will have the opportunity to invent, design, build and program robots while learning about structure and computer programming. No robotics experience is required for either session. All materials will be furnished. Want to learn more? Contact your local Extension Office for a brochure and application. You can also learn more and register online at <http://summer.mst.edu>.



DON'T FORGET! Missouri State Fair Livestock and Horse 4-H entries are due on or before July 2. The 4-H state fair entry information is available at www.mostatefair.com



Ready, Set, Action!

Nationwide 4-H video contest for staff, volunteers ends June 19

The National 4-H Council, National 4-H Headquarters and University of Arizona 4-H Youth Development are hosting a contest to build a vault of films that show 4-H members learning about science, engineering and technology. All 4-H professionals, staff and volunteers are invited to produce their own digital video for front-line educators and volunteers to better

implement SET programs, in particular *The Power of the Wind*.

Before you pull out the video camera and get started, check out a few resources for making and editing your video, including the 4-H Filmmaking Studio and Workshop, online at 4-H.org/curriculum/filmmaking. Then, create your own three- to five-minute video. After you have completed your video, send it in with entry and release forms before June 19.

For more information about this contest, go online to 4-h.org/set/videochallenge.

Aerospace Camp 2009

Two sessions: July 21-23 July 28-30

Campers must be age 10-13 on or before July 21, 2009

Prepare to blast off for three fun-filled days on the Missouri University of Science and Technology, Rolla, MO. Experience aeronautics and space flight from a ground-up perspective, as you learn about the history of flight, astronomy and space exploration. Your days will be filled with computer simulations, interactive teamwork activities and practical hands-on experiences. Register online at <http://summer.mst.edu>.

LEADER LOOKOUT June club leader tips

The weather is warming up and summer activities are here. This month gets challenging because school is out and families begin to start their summer plans. Here are some suggestions and ideas for June:

1. Install officers if elected in May.
2. More discussion on fairs, achievement days, exhibits and other contests. Pass out exhibit tags and explain how they should be completed, attached, etc.
3. Encourage each member to exhibit at least three items at a fair or achievement day. Final reminder about eligibility to exhibit (members in good standing).
4. Be certain all project groups will be finished on time.
5. Provide information about state fair exhibits, animal show registration deadlines, dorm reservations, etc.
6. This is a great time of year for outside recreation activities, such as fishing, a barbecue in the park, club bicycle rides, etc.

Explain club responsibilities for county fair, achievement day and other county events. Recruit parents and members to serve as workers during these events. Have members write thank you notes to judges and financial contributors. Promote participation by challenging each member to engage in at least one of the opportunities.

Fashion Revue has been set for Monday July 6 and will be held at the Courthouse. Times and registration letters will be mailed out this month. The event is for those enrolled in clothing, knitting, quilting, and crochet. You can model any item made, or if you are enrolled in "clothes you buy" you would model your purchased items.

Clover Kids Corner

Through Clover Kids clubs, children learn how to get along, share and work in groups, explore their interests and build self-confidence. Each Clover Kids Corner provides an activity, information or other materials that Clover Kids leaders can use in planning and implementing experiences that introduce 5- to 7-year-olds to the 4-H concept of learning by doing.

How strong is an egg?

Hens lay eggs and sit on them. They also turn eggs several times a day to keep baby chicks from sticking to the inside of the shell. The egg shell must be strong enough to support a hen's weight but thin enough to let a chick break it and get out. The key to an egg's strength is its dome shape, which allows weight placed on an egg to be distributed evenly throughout its structure.

What you need:

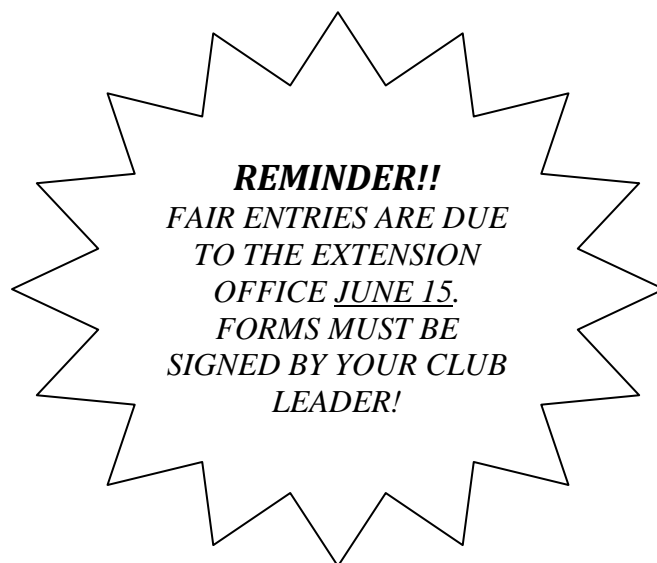
2 egg cartons
4 eggs
Hard-backed books
Scissors



What you do:

1. Use scissors to cut the flap and lid off both egg cartons and discard them.
2. Set the remaining (bottom part) of the egg cartons side by side.
3. Place two eggs in each carton, equal distances apart. Use a book to estimate and adjust the distance between the eggs. Each egg should support the weight of one corner of the book.
4. Ask the children how many books they think the eggs will support without breaking.
5. Stack the books on top of the eggs.
6. Discuss the results. How many books could you place on top of the eggs before they broke?
7. Will hard-cooked eggs hold more or fewer books than fresh eggs? Repeat this experiment with hard-cooked eggs to find out.

Source: Ohio State University Extension: Chick Quest Teacher Guide



CLUB CORNER

Beginner's Luck- The club met May 17th at the Turpin's. Project reports were given in arts & crafts, cats, foods, goats, horses, poultry, photography, and woodworking. Keenan, Karen and Katy were expected to attend camp as counselors this year. Karen, Katy, Keenan and Jewel will be attending State Congress June 3-5 in Columbia. Members and parents were reminded of upcoming events and important dates. The next meeting will be held at 5 p.m. June 20th at the Hancock's.

Rocky Point- The next meeting will be at 7 p.m. Monday, June 8th at the Lions Club.

“Celebrating American Roots Music”

The Smithsonian Exhibition will be held in Vandalia beginning June 27th through August 8th. This exhibit is free to the public with no admission charge. Food vendors open at 6:00 p.m. and various musical events are scheduled, also with free admission. For more information, contact Rowena Kohl (Phone: 573-594-6024, E-mail: kohl3@windstream.net) or visit www.vandaliaareahistoricalociety.org.

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Message from Susan to my 4H members, parents, and volunteers:

On the second week of August my husband and I will be making a big change. We are moving to Cottonwood, Arizona. This has been a HUGE decision for both of us. Although I do not like the thought of leaving this job or the 4H program in Ralls County, it is a good time for us to make a change. Our son, Coleman, just graduated high school, and will start Culinary School in August, Courtney will be leaving for Japan for a year internship in August, and Lindsey will be in her final year of graduate school at Mizzou.

My last day with the Ralls County office will be August 7, as we will be moving the next week. I do not by any means think that I am irreplaceable, but it is very hard for me to walk away from this position. I feel, and I hope you do also, that I have brought several changes, new beginnings, and growth to the county program. As much as I would like to see these carried out, it will just be enough satisfaction that I am leaving a solid foundation to continue and build on.

This is an exciting and sad time for me and I am torn back and forth with emotions. As you probably know I am an adventurous person who likes change and challenges. This is great change for us, and it is also exciting for me that I will not have to work 70 hour weeks anymore! I will miss the youth, volunteers, and the overall program very much. I look forward to a great summer with you, and wish everyone the best!!

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