

Registration

Camper Information

Name: _____

Address: _____

City: _____ Zip: _____

County: _____ Grade: _____

Phone: (____) _____ Gender: _____

STEM In-Depth Topic Preference

(Rank first 3 choices for each session.)

Morning:

____ Engineering ____ Robotics
____ Forensic Science ____ Aeronautics
____ Veterinary Science ____ Environ. Science

Afternoon:

Fieldtrip to Bellisio's which is a factory in Jackson that tests, refines, commercialization and production of frozen meals.

A grant from the Ohio 4-H Foundation has reduced the camp fee to \$80 per camper. Check with your county Extension office for any additional scholarships or discounts that may be available.

Make checks payable to:

OSU Extension Scioto County

Amount enclosed: \$ _____

Mail form with payment to:

OSU Extension Scioto County
602 Seventh Street, Courthouse Rm 7
Portsmouth, OH 45662

Phone: 740-354-7879 Fax: 740-355-8338
Email: brodt-evans.1@osu.edu

Registrations will be accepted until the camp capacity of 90 campers is reached or until May 1, whichever comes first.



STEM Camp will be held at Canter's Cave 4-H Camp in Jackson, Ohio. Visit the camp website to learn more about its facilities: <http://4hcantercave.osu.edu/>

Campers will stay in cabins or dorm rooms, eat in the lodge, and enjoy many of the camp's facilities, including the trails and in-ground pool. Supervision will be provided by Extension professionals, trained teen counselors, and the camp's permanent and part-time staff.

STEM Camp is sponsored in part by a grant from the Ohio 4-H Foundation.

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Sheldon, from the popular series, *The Big Bang Theory*, says "Bazinga!" following a practical joke. At STEM Camp, we shout it whenever we discover something new, have fun, make a new friend, or accomplish a goal. (It's also fun to say following a practical joke.) STEM Camp follows some other *Big Bang Theory* traditions, including playing "Rock, Paper, Scissors, Lizard, Spock," singing "Soft Kitty," and working out roommate agreements to help campers live together in harmony. Campers may discover their inner "Sheldon," "Leonard," or even "Penny" as they explore STEM topics, engage in teambuilding and engineering design activities, perform campfire skits, and have a great time!



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OHIO STATE UNIVERSITY EXTENSION



STEM Camp at Canter's Cave 4-H Camp



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AND ENVIRONMENTAL SCIENCES

OSU Extension Adams, Brown, Gallia,
Highland, Jackson, Lawrence, Meigs, Pike,
Ross, Scioto, and Vinton Counties

STEM Camp Canter's Cave 4-H Camp June 4-6



STEM (Science, Technology, Engineering, and Math) is one of three national 4-H mission mandates. It's also where the jobs of the future are! STEM Camp participants will explore a STEM focused in-depth topic and enjoy traditional camp activities with a STEM twist!

WHO? Camp is open to boys and girls completing 5th through 7th grades this spring.

WHEN? Campers will check in between 2:30 and 3:30 p.m. on Monday, June 4, and will be ready to tell their parents and families all about their STEM experiences at 10:00 a.m. on Wednesday, June 6. Camp will close at 11:00 a.m. on Wednesday.

WHAT? Campers will choose two in-depth STEM sessions. In addition, traditional camp activities will be offered with a STEM twist that may include campfires, shooting sports, high ropes, hiking, facility tour and snacks! Camp will also feature Dr. Bob. (OSU's very own science guy!)

BRING: Campers should bring all the usual camp supplies – bedding, towels, toiletries, clothes and shoes for the outdoors, a swimsuit, sunscreen, insect repellent, and a flashlight.

NEXT STEPS: Campers will receive confirmation of acceptance and additional forms to complete and return soon after the May 1 registration deadline.

STEM In-Depth Topics (Assigned first come, first served.)

Veterinary Science: Participants will explore the many facets of animal science. Hands-on activities will be conducted under the guidance of a local veterinarian and will include experiments, dissection, equipment exploration, and more! Offered AM only.

Robotics: What could be more fun than programming a LEGO Mindstorm EV3 robot? We'll work with a basic robot and explore programming and sensors in this hands-on session. Offered AM only.

Aeronautics and Space: Curious about how airplanes stay in the sky and how rockets launch through the atmosphere? Participants in this session will explore rockets, airplanes, flyers, and balloons to help us understand what powers these flying vehicles. Offered AM only.

Environmental Science: Have a love of the outdoors? Want to explore our forests and learn how we can protect them? If that is you, roll up your sleeves and head into the great outdoors. Hiking and climbing might be on this agenda, so bring closed toe shoes, no flip flops or sandals are allowed on this adventure! Offered AM only.

Forensic Science: Shows like *NCIS* and *CSI* have introduced viewers to forensic science. Forensic scientists help investigate crimes by collecting and analyzing physical evidence. Participants in this session will step away from the TV and explore how forensic science is used in the real world to help solve crimes. Offered AM only.

Engineering: Ever wonder what goes into building a new road, constructing skyscrapers so tall or making sure the bridges we travel are safe? Come learn about the science behind building the things that help us live in today's world and try your hand at engineering design! Offered AM only.



"I was a programmer and solved the problem...."



Food Science!!

Bellisio Foods, Inc

Our passion is food. Bellisio Foods, Inc. is a fast growing company with a long history of providing quality, innovative food that meets and exceeds consumers' needs.

Bellisio is committed to achieving and maintaining food industry excellence through innovation, every step of the way. We're driven by consistent improvement of our products with efficient development, testing and refinement, and we are dedicated to being experts in the commercialization and production of the highest-quality frozen meals possible.

After the in-depth STEM sessions on Tuesday, campers will be transported by an OSU Charter Bus to Bellisio's in Jackson! Campers will receive a behind the scenes tour with an opportunity to taste a variety of products from the team of food industry experts!

