

Registration

Camper Information

Name: _____

Address: _____

City: _____ Zip: _____

County: _____ Grade: _____

Phone: (____) _____ Gender: _____

Email: _____

Please check here to use PayPal

STEM In-Depth Topic Preference

(Rank choices 1-6.)

Morning:

____ Food Science ____ Media/Computer

____ Forensic Science ____ Drones

____ Veterinary Science ____ Environ. Science

Afternoon:

Fieldtrip to Speyside Bourbon Cooperage, which is a factory in Jackson.

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. Families have the opportunity to utilize PayPal with an additional convenience cost.

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 1st.



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.

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!



THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

CFAES provides research and related educational programs to clientele on a nondiscriminatory basis. For more information, visit cfaesdiversity.osu.edu. For an accessible format of this publication, visit cfaes.osu.edu/accessibility.

CFAES

OSU EXTENSION
IDENTIFICATION HERE

STEM Camp

at Canter's Cave

4-H Camp



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

STEM Camp

Canter's Cave

4-H Camp

June 3-5



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 3, and will be ready to tell their parents and families all about their STEM experiences at 10:00 a.m. on Wednesday, June 5. 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.

Drones: What does Amazon, law enforcement and modern agriculture have in common? Drones. Now youth will have the opportunity to be flying high with drones through the 4-H Hi-Flying Drone Challenge. Be one of the first to engage in drone technology this summer. Funded through support from Rover Pipeline and the Ohio Soybean Council, you will have access to training, equipment, supplies, resources and support to bring a great technology program. AM only.

Food Science: Participants will learn how the foods they eat are created, packaged, and marketed. They will experiment with the chemistry involved in making foods and explore how all of their senses affect the taste of food. 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.

Computer Media: Have you ever wondered how a movie or video is created? Discover how to make your own video using new innovative technology! Explore how videos are created using "green screens" and computer software! Offered AM only.



Forestry/Wood Science!!

Speyside Bourbon Cooperage, Inc.

Speyside is based in Jackson, Ohio. Our parent company is located in France (Tonnellerie Francois Freres SA). Speyside Bourbon Cooperage produces only new bourbon barrels. Other branches of the organization produce used barrels among other products.

All our skill goes into making top quality barrels to meet the requirements and expectations of spirit-makers all over the world. Our goal at Speyside Bourbon Cooperage is to ensure that barrels become a modern spirit-making instrument by combining age-old craftsmanship and state of the art techniques and equipment developed by our research and development department. Coopering is a craft and will always be so; however, by incorporating new ideas with existing methods we are now able to build a barrel that is stronger, consistent in size and quality with little variability.

After the in-depth STEM sessions on Tuesday, campers will be transported by an OSU Charter Bus to Speyside in Jackson! Campers will receive a behind the scenes tour from the team of forestry industry experts!

<http://go.osu.edu/STEMCamp2019>