

## Registration

### Camper Information

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ Zip: \_\_\_\_\_

County: \_\_\_\_\_ Grade: \_\_\_\_\_

Phone: (\_\_\_\_) \_\_\_\_\_ Gender: \_\_\_\_\_

Email: \_\_\_\_\_

### STEM In-Depth Topic Preference

(Rank first 3 choices.)

Morning (AM):

\_\_\_\_ Life Science      \_\_\_\_ Aeronautics  
\_\_\_\_ Veterinary Science      \_\_\_\_ Food Science  
\_\_\_\_ Meat Science      \_\_\_\_ Engineering

Afternoon (PM):

\_\_\_\_ Life Science      \_\_\_\_ Environ. Science  
\_\_\_\_ Veterinary Science      \_\_\_\_ Forensic Science  
\_\_\_\_ Meat Science      \_\_\_\_ Media/Computer

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 Highland County*

Amount enclosed: \$ \_\_\_\_\_

Mail form with payment to:

OSU Extension Highland County  
112 Governor Foraker Place  
Hillsboro, OH 45133

Phone: 937-393-1918 Fax: 937-393-0222  
Email: [combs.311@osu.edu](mailto:combs.311@osu.edu)

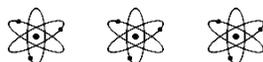
Registrations will be accepted until the camp capacity of 90 campers is reached or until May 1, whichever comes first.



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.



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

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OSU Extension

# 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 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 arrive and check in 2:00 p.m. on Thursday, June 4, and will be ready to tell their parents and families all about their STEM experiences at 10:30 a.m. on Saturday, June 6. Camp will close at 11:30 a.m. on Saturday.

**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 and PM.

**Meat Science:** Participants will learn how the foods they eat are created, packaged, and marketed. They will experiment with the chemistry involved in meat production.  
Offered AM and PM.

**Life Science:** Come learn about the big, wide world around us. From how new therapies and medicines are developed to how bones grow and develop – it's all Life Science!  
Offered AM and PM.

**Aeronautics and Space:** Explore what it takes for NASA to send people and satellites into space. We will discover how people can exist outside the space shuttle, understand planetary exploration, design and pilot test flying vehicles and parachute to Mars.  
Offered 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.

**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.



## **STEM In-Depth Topics - Continued** (Assigned first come, first served)

**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 PM 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 PM only.

**Media/Computer:** Have you ever wondered how technology has shaped the world we live in? Explore technology like never before and explore new innovative ways to utilize it.  
Offered PM only.

<http://go.osu.edu/2020STEMCamp>