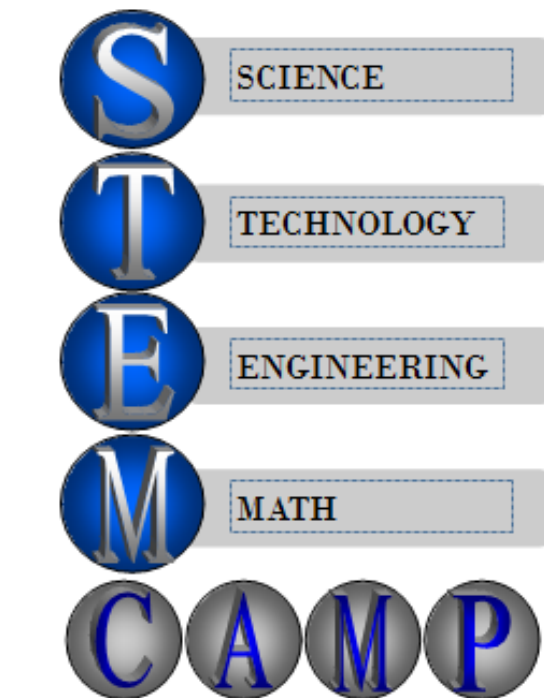


WHAT IS STEM CAMP?

MIAMI VALLEY CAREER TECHNOLOGY CENTER



For students with an interest in
Science, Technology,
Engineering, and Math

COME EXPLORE!
June 11—15, 2018

The Miami Valley Career Technology Center is dedicated to providing equal educational opportunities and equal employment opportunities without regard to race, religion, national origin, ancestry, age, sex, sexual orientation, handicap, marital status, or veteran status.

Science, Technology, Engineering, and Mathematics (STEM) is an approach to learning that involves problem solving and critical thinking. STEM Camp is a one-week program for students from MVCTC's partner schools who are entering the 6th, 7th, or 8th grade. Students will be placed in two programs out of the seven offered and spend five full days exploring these two career areas. Highly qualified math, science, and career-technical instructors, as well as current MVCTC students, will work with the campers in the MVCTC's state-of-the-art labs, as well as in some of our outside facilities, to develop exciting projects. Students will receive a t-shirt and other items.

STEM Camp will be held the week of **June 11-15, 2018, from 8:30 A.M. to 3:00 P.M.** Prompt student pick up at 3:00 P.M. is mandatory.

Lunch will be provided each day; please make sure your child receives a good breakfast before he/she comes.

Registration is \$50 if your child is a student at an associate school (see list of associate schools on back) or \$75 if not a student at an associate school.

Please mail the completed application form and a check made payable to the MVCTC by May 18, 2018, to:

MVCTC
ATTN: Cora Ullery
6800 Hoke Road
Englewood, OH 45315
Space is limited.

Programs are filled on a first-come, first-served basis. If available spaces are filled, students will be added to a wait list. Please make sure you list your top four program choices on the application. In the event that you need to be placed in a program that you did not list, you will be called to determine if you have an interest in one of those programs. If you have any questions, please contact:

Cora Ullery
cullery@mvctc.com
937-854-6279

Emergency Medical Form

OPTION A: CONSENT TO TREAT

I hereby give my consent for the following medical care providers and local hospital to be called:

Child: _____
 Doctor: _____
 Phone: _____
 Dentist: _____
 Phone: _____
 Medical Specialist: _____
 Phone: _____
 Local Hospital: _____
 Emergency Room Number: _____

In the event reasonable attempts to contact me have been unsuccessful, I hereby give my consent for the administration of any treatment deemed necessary by above-named doctor, or in the event the designated preferred practitioner is not available, by another licensed physician or dentist, and the transfer of the child to any hospital reasonably accessible.

This authorization does not cover major surgery unless the medical opinions of two other licensed physicians or dentists, concurring in the necessity for such surgery, are obtained prior to the performance of such surgery.

*Please list facts below concerning the child's medical history including allergies, medications being taken, and any physical impairments to which a physician should be alerted: (attach additional sheet if necessary)

Please indicate if your child is allergic to bee stings:
 YES _____ NO _____
 (If "YES" please send a bee sting kit with him/her.)

Parent Signature: _____
 Date: _____

OPTION B: REFUSAL TO CONSENT To Medical Treatment

I **DO NOT** give my consent for emergency treatment of my child. In the event of illness or injury requiring emergency medical treatment, I wish the school authorities to take **NO ACTION**; however, medical situations may be referred to appropriate medical personnel if deemed necessary.

Parent Signature: _____
 Date: _____

Of the seven programs offered, students will list their top four program choices on the STEM Camp application.

Morning Programs:

Graphic Arts

If you like drawing and working with computers, this may be the session for you. Start with a picture of yourself and change it using software. Work as a team to create a drawing. Learn how science and math are used to create art. Meet new friends and learn cool things you can do within the field of graphic arts.

Natural Resources

Are you interested in agriculture or the environment, or do you just like working outside? Natural Resources will explore environmental stewardship and delve into the MVCTC's expansive land laboratory. Topics may include tree identification, environmental chemistry, and macro-invertebrate studies in our creek. Dress for the weather!

Sports Medicine

Would you like to help others live healthier lives? You will learn about sports injuries and create your own research project where you will evaluate the results by using data and technology. Find out what really works and what just looks cool!

Culinary Arts

Did you know that chefs are scientists and ingredients are chemicals? Which is more important in the kitchen: creativity or the scientific method? Why can the slightest change in ingredients, technique, or equipment turn great food into garbage? Why are

Of the seven programs offered, students will list their top four program choices on the STEM Camp application.

Afternoon Programs:

Robotics

Robots do what you tell them to do, but they will not read your mind! Students in this program will work together "hands-on" to learn how to give robots clear instructions. Then they will get to see the results of their work.

Biotechnology

Ever think about why things work in the world around you? Who broke into the lab? Why do I have blue eyes? What does DNA look like? Is it OK to eat food with bacteria in it? What are GMOs? If you like to do experiments to solve questions such as these then Biotechnology is the place for you.

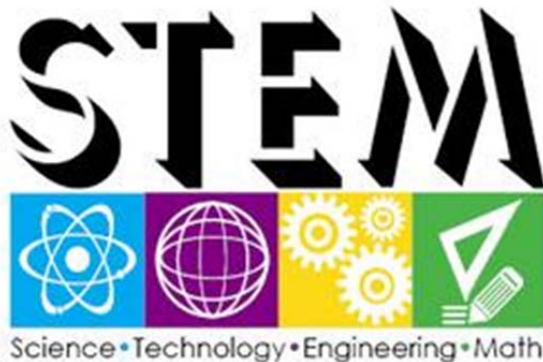
Firefighter/EMS

How far will a fire hose shoot water? Can you predict that before you turn it on? What is the science behind fires? How heavy is a firefighter's gear? What are some simple steps you can take to protect yourself and your home? Come and find out!

Graphic Arts (repeat of morning session)

Our associate schools are :

- Ansonia • Arcanum-Butler • Bethel
- Brookville • Carlisle
- Eaton • Franklin-Monroe
- Jefferson • Miami East • Miamisburg
- Milton-Union • Mississinawa Valley
- National Trail • New Lebanon • Northmont
- Northridge • Preble-Shawnee • Tipp City
- Tri-County North • Tri-Village
- Trotwood-Madison • Twin Valley South
- Valley View • Vandalia-Butler • Versailles
- Wayne (Huber Heights) • West Carrollton



STEM CAMP APPLICATION FORM DUE May 18, 2018

Print

Student Name _____

Full Address _____

Home Phone _____

Year of HS Graduation _____

School District _____

Parent/Guardian Name _____

Daytime/Cell Phone _____

E-mail Address (required) _____

Dietary Concerns _____

Relative or Child Care Provider and Relationship _____

Relative/Child Care Phone _____

Of the seven programs offered (Graphics, Natural Resources, Sports Med, Culinary, Robotics, Biotech, & Firefighter), list your top four choices.

1. _____ 2. _____

3. _____ 4. _____

Students attending MVCTC Robotics camp should not choose Robotics due to duplication of content.

T-Shirt Size (Circle One)

Youth	S	M	L	XL
Adult	S	M	L	XL

I permit the MVCTC to use pictures of my child in promotional materials related to STEM camp.

_____ Yes _____ NO

Signature of Parent or Guardian

