



UNITED STATES
AIR FORCE ACADEMY

USAFA K-12 STEM Outreach Program Newsletter

April 2018

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United States Air Force Academy and Air Force STEM Webpages

<https://www.usafa.edu/stem-outreach/>

<http://www.usafa.af.mil/>

<https://afstem.afciviliancareers.com/>



QR Code for USAFA K-12 STEM Outreach page

Teacher STEM Bootcamp

The elementary teacher spots for this Air Force Academy funded, action-packed, 3 day STEM Conference filled up on the first day of registration. If you are an elementary teacher who really wanted to attend, you have two options: call Challenger (719.598.9755) and put your name on a wait list or register for a middle school slot. The camp is July 17-19th at Bear Creek Elementary School in Monument. The registration fee is \$60 and goes toward lunches, snacks, and the robots that you will receive. Middle and high school spots are still available. To register visit <http://www.challengercolorado.org/stem-bootcamp.html>.

Thank You Teachers

Many thanks to the teachers who recommended that their students apply for the summer biology internship. We received applications from many worthy candidates. Thanks as well to teachers who wrote letters of recommendation for students applying to USAFA's summer Legacy Camps. We had almost 200 applicants for 60 spots.

2018 Local Summer STEM Camps

Check each website for additional camp details and prices.



Challenger Learning Center Camps

inspiring **curiosity**
in the minds of future explorers

June 4-8 Challenger Learning Center

Rocket Science (half day) Entering Grades 4-6 8:30-11:30AM

Operation: Space (half day) Entering Grades 4-6 12:30-3:30PM

Rocket Science & Operation Space (full day) Entering Grades 4-6 8:30-3:30PM

June 11-14 Bear Creek Elementary School

Jr. Space Explorers Entering Grades 1-2 8:30-3:30

Astronaut Academy Entering Grades 3-5 8:30-3:30

Destination MARS Entering Grades 6-8 8:30-3:30

June 18-21 Mountain Ridge Middle School

Junior Space Explorers Entering Grades 1-2 8:30-3:30PM

Astronaut Academy Entering Grades 3-5 8:30-3:30PM

Destination MARS Entering Grades 6-8 8:30-3:30PM

USAFA K-12 STEM Outreach Mission

The United States Air Force Academy Science, Technology, Engineering, and Math (STEM) Outreach Program mission is to offer a variety of programs and services that effectively engage, inspire, and attract the next generation of STEM talent.

Contact Us

USAFA Office of Research

The Office of Research strives to build a positive relationship with K-12 students and educators and encourage recruitment/growth of future cadets to develop skills implicit to national security and the nation's competitive edge.

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June 25-28 Broadmoor Elementary School

Junior Space Explorers Entering Grades 1-2 8:30-3:30PM
Astronaut Academy Entering Grades 3-5 8:30-3:30PM
Destination MARS Entering Grades 6-8 8:30-3:30PM

July 9-13 Challenger Learning Center

Destination MARS Entering Grades 6-8 8:30-3:30PM
<http://www.challengercolorado.org/>



June 4-8 UCCS Medical Detectives and Robotics 8:00-Noon

<https://www.uccs.edu/~pltw/>

July 16-20 UCCS STEM Academy (Free)

Robotics, Cyber Security, Drones, CAD and Website Design
Entering Grades 9-12
<https://lemp.uccs.edu/pdf/2018-stem-academy-application.pdf>



CATAMOUNT
INSTITUTE

Catamount Institute

June 4-8 or July 23-27 Creepy Crawly Safari Ages 6-8 Half-day camp 9:00-Noon

June 11-15 or July 16-20 Outdoor Explorers Ages 9-11

June 18-22 Adventure Camp Ages 12-14

June 25-29 Field Science Camp Ages 10-12

July 23-27 Water Camp Ages 10-12

www.catamountinstitute.org/education/camps



SCIENCE PROGRAMMING ROBOTICS

Science Playhouse

June 4-8 Green Beret Survival

June 11-15 Game Programming

June 18-22 BattleBotz

June 25-29 Brain Power

July 9-13 3D Printing

July 16-20 Green Beret Survival

July 23-27 Modding with Minecraft

July 31-Aug 4 BattleBotz

<http://www.scienceplayhouse.com/>



Space Foundation Camps

June 11-July 19 Features 4 week long themes Ages 7-12

June 4-8 Camp Invention Entering grades K-6 9:00-3:30PM

<http://www.discoverspace.org/explorespace>



Pikes Peak Children's Museum for Adventures in STEAM

June 18-22 Entering grades 1-2 9:00-Noon

July 23-27 Entering grades 3-4 9:00-Noon

<http://www.pikespeakchildrensmuseum.org/>