

FREE Summer STEM Camps for 11-15 Year Olds



CRAFTSMAN CAMP

Camps are assigned by age: 11, 12, 13, 14, 15-year-olds

Application opens January 1, 2023

Craftsman Camp Goal

Build an interest in STEM through hands-on activities while showing how math and science apply to the world around us. This camp will build knowledge while reinforcing self-confidence and leadership. Age progression camps prepare each student for the next phase.

Wright-Patterson ♦ Eglin ♦ Air Force Academy ♦ Hill ♦ AFOSR

Camp Details

- **Camp is FREE**
- Field trip
- Base tour
- Guest speakers
- Team projects
- Craftsman kit
- Career field introduction
- STEM demonstrations
- Design process
- Hands-on STEM activities
- Team-building icebreakers
- Duration: five days, day camp
- **Camp dates determined by age**



Dates

- Age 11: June 5-9, 2023
- Age 12: June 5-9, 2023
- Age 13: June 26-30, 2023
- Age 14: June 26-30, 2023
- Age 15: July 10 - 14, 2023



See website for application details:

<http://wpafbstem.com/pages/legacy.html>

Requirements

- U.S. citizen
- Minimum GPA of 2.5
- Reference recommendation
- *Must meet camp age requirement by June 1, 2023*



Application closes March 1, 2023

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USAFA Chemistry Department Professional Development



Peak Area Leadership in Science
Professional Development Opportunities
for Secondary Science Teachers

Three Ways to RSVP:

- o www.sciencehubs.org
- o email: RSVP@sciencehubs.org
- o call Tammy Johnnie at
(719) 337-1552



Chemistry of Art and Color

Saturday, 21 January 2023

8:15 AM- 2:00 PM

Chemistry Department USAFA Presenters:

Dr Ron Furstenau, Dr Abby Jennings, Dr Andrea Kelley, Dr Latisha Jefferies and Stacey Lazelle



New to the Lending Library: MBots

MBots are programmed using mBlock Scratch-based language. There are 12 robots available for checkout.



SMART Program

The SMART Program, part of the Department of Defense (DoD) science, technology, engineering and mathematics (STEM) portfolio, provides STEM students with the tools needed to pursue higher education and begin a rewarding career with the DoD. With a full college scholarship, students pursuing STEM degrees will be able to focus on complex research to further the DoD's mission and create a lasting impact. Summer internships are performed at DoD facilities alongside scientists and engineers; these experiences prepare scholars for full-time employment and get them accustomed to working with the DoD. SMART is a one-for-one commitment; for every year of degree funding, the scholar commits to working for a year with the DoD as a civilian employee. The application window opens in August 2023.

 Full Tuition	 Annual Stipend \$25,000-\$38,000	 Book & Health Allowance	 Summer Internship	 Experienced Mentor	 DoD Employment
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Colorado Science Bowl



The National Renewable Energy Laboratory (NREL), with support from the U.S. Department of Energy Golden Field Office, is excited to host the 33rd Annual **Colorado Regional High School Science Bowl!** You are invited to [register a team](#) for the event, which will take place (in-person!) on **Saturday, March 4, 2023.**

Students can showcase their science and mathematics talent in this fast-paced verbal competition. **The winning team qualifies for a trip to Washington, D.C., to compete in the National Science Bowl in late April 2023.** All you need is a team of four or five students and a coach.

Competition rules, coaching tips, practice questions and more can be found [online](#), but please reach out with questions. If you are unavailable this year to coach a team, please share this email with any colleagues who may be interested.