

The JASON ProjectSM



The JASON Project

Education through Exploration

STEM Robotics Camp

2011-12 High School 9th-12th Graders

Would you like to:

- Learn about energy and forces and motion?
- Learn about robotics?
- Build a robotic arm model for NASA?
- Learn from real scientists?
- Earn college credit?
- Learn hands-on science and engineering?

Join the WVHTC STEM Robotics Camp
in Fairmont, WV

Project Dates

- July 11-15: Summer Camp Week 1
- July 18-22: Summer Camp Week 2
- Camp hours are 8:30 – 2:00 each day

Camp Overview

Join other high school students for this exciting two-week camp and experience science as you never have! And **earn college credit!** Discover how energy and forces and motion are keys to successful space exploration by building a model robotic arm for NASA! (College credit is only for 11th and 12th graders with a 3.0 GPA)

In addition to learning about engineering and science, you will learn from and about:

- Guest Scientists
- Field Trips
- Careers in Science and Engineering
- Post-Secondary Information

Other Information

- You will need to provide your own transportation
- Lunch will be provided each day of the camp

Limited to 32 students, please contact:

Ron Harrison-Camp Director
rharrison@jason.org
719.849.1187

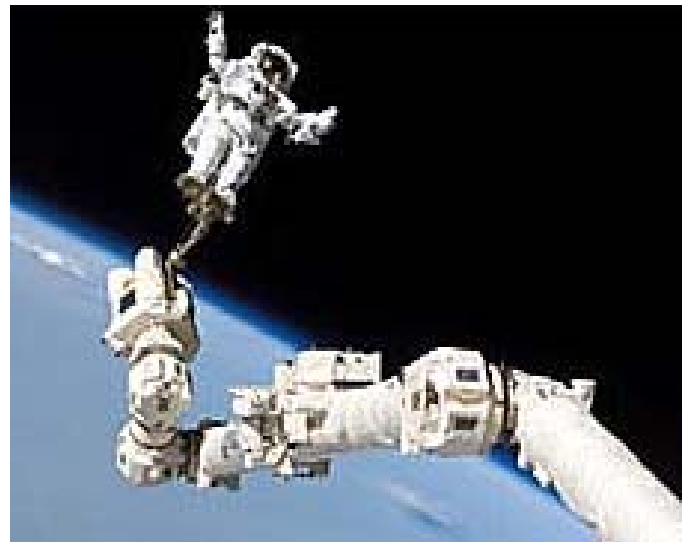


Image courtesy of NASA

Learning Activities

Week 1 (7/11-7/15)

Work with a team and teacher coaches to understand the science of energy and forces and motion. The work this week sets the stage for the robotics work in Week 2.

Week 2 (7/18-7/22)

Working with your team and a robotics mentor, you will design, engineer and test a robotic arm as a model for NASA.

Project Partners

- Robert H. Mollohan Family Charitable Foundation
- WVU CEMR Robotics Center
- NASA IV & V Facility
- NASA Educator Resource Center
- National White Collar Crime Center (NW3C)
- West Virginia High Technology Consortium Foundation