SUMMER STEM CAMPS

Do you want to build, design, create, explore, and have fun while you are using science, technology, engineering and math? If so, sounds like you are ready to spice up your summer participating in a weeklong engaging STEM (Science, Technology, Engineering and Math) day camp! The hands on projects and activities will vary at each site, but will include team-building exercises each day. You’ll explore, robotics, solar powered activities, DNA biomedical experiments, soldering, making batteries, creating hot air balloons, rocket designing, building and launching, using sketching and 3D modeling software, designing jewelry, taking apart computers, explore light, building mousetrap catapults and roller coasters. And all of this will be in a fun and safe environment, guaranteed! Here’s where you’ll find us…

8:30 a.m. - 2:30 p.m., Grades 5 - 8 • $175

- June 2 - 6
  • Rancho Cordova – W.E. Mitchell Middle School
    2100 Zinfandel Drive, Rancho Cordova
  • Folsom – Sutter Middle School
    715 Riley Street, Folsom

- June 9 - 13
  • Rancho Cordova – W.E. Mitchell Middle School
    2100 Zinfandel Drive, Rancho Cordova
  • Folsom – Sutter Middle School
    715 Riley Street, Folsom
  • Granite Bay – Granite Bay High School
    1 Grizzly Way, Granite Bay
  • Rocklin – Rocklin High School
    5301 Victory Lane, Rocklin

- June 16 - 20
  • Folsom – Sutter Middle School
    715 Riley Street, Folsom
  • Rio Linda – Rio Linda Learning Center
    Heritage Peak Charters
    6450 20th Street, Rio Linda
  • Vacaville – Vacaville Learning Center
    Heritage Peak Charters
    354 Parker Street, Vacaville

- June 23 - 27
  • Sacramento – Elk Grove Learning Center
    Heritage Peak Charters
    8065 Elk Grove-Florin, Suite 160, Sacramento

Two More Great Classes at Del Oro High School in Loomis

8:30 a.m. - 2:00 p.m., Grades 6 - 9 • $250

- June 9 - 13
  • Video Production Basics: Students will script, storyboard, shoot and edit a handful of short films as they learn the basics of video production. These basics will include: the proper use of cameras, tripods and lighting, basic shots and techniques, and non-linear video editing using the industry standard Adobe Premiere Pro.

- July 7 - 11
  • Video and Television Production: Students will practice basic video production techniques as they use the green screen studio and professional equipment at Del Oro High School (including cameras, tripods, teleprompters, and Adobe Premiere Pro) to write, shoot, and edit a real news show.

REGISTER TODAY: http://bit.ly/ypoff-site   QUESTIONS? apressdawson@ucdavis.edu
At first glance it may appear to be all fun and games but, this summertime camp experience prepares students for the rigors of high school science, technology, engineering and mathematics (STEM) classes. The critical thinking, creative problem-solving and collaboration skills that campers learn at STEM Summer Camp will benefit them for a lifetime.

**Each Day Begins ... With a Fun Team-Building Exercise:**
- Making a human knot.
- Building a desert shelter.
- Role-playing plane-crash survival.

**Campers Then Go on to Work Both Separately and Together on Projects Such As:**
- Creating a spacecraft strong and light enough to land an “eggstronaut” safely.
- Building and racing a car that runs entirely on solar energy.
- Firing missiles from a catapult made with a mousetrap.

**Throughout the Session, Campers Use the Latest Technology to Solve Big Challenges, Including:**
- Turning raw materials into wearable jewelry prototypes, using advanced sketching and modeling software.
- Making a remote-controlled robot and programming it to navigate a maze in a race against the clock.
- Designing, building and testing a rocket for maximum possible altitude and a perfect landing, with the help of Autodesk Inventor 3D modeling software.

**Camp Location:**
Colfax High School
24995 Ben Taylor Road
Colfax, CA 95713

**Available Dates:**
June 24 - 28, 2013
Each camp runs Monday - Friday
from 8:30 am - 2:00 pm
Camp is for students going into 5th, 6th or 7th grade.

**Spaces are Filling Up Fast!**
Visit
http://cru.ucdavis.edu/summercamps
to Register Today!

**Presented by**

UC Davis School of Education
In Partnership with NextEd