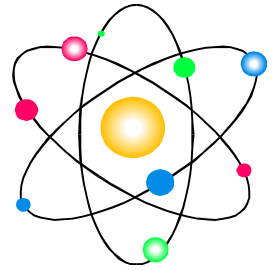


Register Online: www.SuperchargedScience.com/florida

RoboCamp



Spark together motors, shatter beams, wire up burglar alarms, build underwater robots, and much more!

Date & Time:

M-W, May 25-27
9am—1pm, at the
Univ. of Central
Florida in Orlando.
(Bonus Astronomy
Night: 5/26 7-9pm)

Camp Cost:

\$140 per week plus
\$85 material fee
(Price increases to
\$165 plus \$85
material fee after
Mar. 15th.)

OPEN TO ALL!

Private, public, and
home school kids ages
12-18 years.

Registration

Find out more details
online, including
registration forms, at
link at the top of this
flyer or call us at:

(805) 617-1789

**Just add kids.
We'll take care of
the rest.**

Join us for a wild workshop filled with REAL hands-on science! Kids build several different science projects and experiments to bring home. Science Camp is taught by a real mechanical engineer, airplane pilot, astronomer, university engineering instructor, and rocket scientist!

- **Electricity** Wire up circuits, relays, motors, lights, switches, and much more as you build homemade burglar alarms such as trip wires, stomp sensors, tilt sensors, and the electric eye using Maxwell's electromagnetic principles!
- **Lasers** Shatter beams, invert switches, crank potentiometers, split rays, and more as you investigate the science of optics and high-energy light particles using Planck's principles and laser beams. You'll also build your own portable laser light show to take home!
- **Propulsion** Blast pneumatic rockets, trigger cannons, and uncover chemical reactions as you cross-link polymers, experiment with phase shifts, shake up solutions that shoot through the entire spectrum, and stew up a chemical matrix of exothermic reactions using Le Châtelier's Equilibrium Principles.
- **Engineering** Construct a mechanized animal robot from junk you have around the house! Learn from a real mechanical engineer how to wire up motor circuits and remote controls as you build several zooming, hopping, swimming, wheeling, dancing robots!



SCHOOL OF ELECTRICAL ENGINEERING & COMPUTER SCIENCE