

Mad Science Camps



Location: Barrett Ranch Elementary
7720 Ocean Park Dr., Antelope
Fee: \$150
When: Mon - Fri

FULL-DAY CAMP OPTION: If your camper is registered for **BOTH** the AM and PM camps you have the option for lunch time care. Please note that lunch is NOT provided. We require parents to send a lunch and snacks. Please avoid nut based food. Please clearly mark your child's name on all items they bring to the camp. If either camp does not meet the minimum enrollment required lunch care will not be provided.

Flight Academy

2810.201 6 - 12 years
6/19 - 6/23 9:00am - 12:00pm

This hands-on program will teach all about aerodynamics and the world above us. Explore the basic principles of flight, build airplanes, test them in wind tunnels, ride a hovercraft and construct balloon copters. Discover the mysteries of the galaxy, learn about celestial navigation, and take home a rocket that you have built yourself.

EUREKA! The Inventors' Camp

2810.202 6 - 12 years
6/19 - 6/23 1:00 - 4:00pm

Be inspired by the most famous inventors in history - Ben Franklin, the Wright Brothers, and Da Vinci! You will learn how to invent solutions to problems and make them come to life, just like these legendary innovators did. Construct catapults and forts, build a mini-amplifier, and assemble a working light saber to take home.

Radical Robots **New Robot for 2017**

2810.203 6 - 12 years
6/26 - 6/30 9:00am - 12:00pm

Additional materials fee of \$25 for a robot kit is due at the first day.

Learn all about robots and how they are used in our world. Perform experiments with cool robots including sound-sensing, line-tracking, light-sensing, and even robots that can play soccer! You will make your own robot and take it home at the end of the week!

Advanced Robotics **New Robot for 2017**

2810.204 8 - 12 years
6/26 - 6/30 1:00 - 4:00pm

Additional materials fee of \$40 for a robot kit is due at the first day.

In this camp you will learn about robotic control and also program the amazing Parallax "Scribbler 2" robot with its Graphical User Interface programming language. If there is time you will employ light sensors and program flags to follow lines, avoid obstacles and navigate mazes.

Spy Academy

2810.205 6 - 12 years
7/10 - 7/14 9:00am - 12:00pm

From message decoding to metal detectors and night vision, you will have the opportunity to check out spy equipment. Step into the shoes of a detective as you uncover the science involved in evidence gathering and analysis. Become a super spy and learn clever ways of performing tasks as we take a hands-on view of the science that spies use.

NASA - Journey into Outer Space

2810.206 6 - 12 years
7/10 - 7/14 1:00 - 4:00pm

See the principles of thrust and propulsion at work in a real rocket launch. Explore the atmosphere on earth and beyond. Watch star dust burn, and journey through a galaxy as you investigate the life cycle of stars. Explore the farthest reaches of our solar system and create a lunar eclipse in the "mad" planetary tour.

Science Rockstars

2810.207 6 - 12 years
7/17 - 7/21 9:00am - 12:00pm

Get ready to wow the crowd with cool potions and chemical reactions. Grow your own crystals, and a chromatography t-shirt to keep. Build a geodesic dome you can sit inside. Discover how simple machines such as pulleys, wedges, and levers make our lives easier and then build a catapult to keep.

Grossology

2810.208 6 - 12 years
7/17 - 7/21 1:00 - 4:00pm

Join us as we get down and dirty with earthworms and learn how they and other bugs help us with composting. Show some guts as you process food in your Digester Inspector and see what systems make our bodies go and get to make your own totally yucky polymer slime to keep!

7801 Auburn Blvd.
Citrus Heights, CA 95610
(916) 725-1585
(916) 725-2541 fax
www.sunriseparks.com

View Activities &
Register Online



Parks
Make
Life
Better!

Follow us:

