



# Hands-On Science Camp

## 2024 Class Descriptions and Schedule 3<sup>rd</sup> – 4<sup>th</sup> Grade



### Chemical Connection

Ever wonder what would happen if you mix two substances together? Find out in this fun (if not exactly tidy!) class as you test various ingredients to create cool chemical reactions. You'll even make your own tie-dye shirt!

### Bio, Bio, Everywhere!

From the plants growing in your homes to the bacteria growing on your hands, you can find life everywhere on Earth! Explore the different branches of biology by dissecting a squid, looking at microorganisms, and making a terrarium. Grow your own cell culture to discover the microscopic organisms that surround us every day. Discover the secrets of life on your journey through the wonders of biology.

### Rockin' Robots

How does a robot work? What are some ways robots can help us? Roll your way into robotics and take an introductory course to answer these questions and much more. Make different kinds of robots that can lift, push, and even create artistic masterpieces. Dive into the world of coding and learn to code a robot that can recognize different colors and navigate its way through a maze.

### Build It!

Put your engineering skills to the test as you use simple classroom materials to build mammoth structures, unique toys, and other crazy contraptions. Find out what it takes to be an engineer as you see the things you imagine appear!

### NEW Science Cook-Off

Ready? Set? Cook! Mix different flavors, using science to overcome daily challenges in our cooking labs. Learn how your taste buds communicate with your brain, experiment with heat to change flavor, discover the secret to making the perfect pasta, and much more. Take what you learn and compete with yourself to create a Franken-science cookie. Your creations are not just fun, but also delicious!

### Rocket Factory

Ready for lift off in 3...2...Houston we have a problem! Join us as we try to figure out what challenges NASA scientists face when trying to launch a rocket to space. Conduct your own experiments and trajectory tests, and experience the fun of launching your own engine-powered rocket on the last day.

	Week 1 June 17-21	Week 2 June 24-28	Week 3 July 8-12	Week 4 July 15-19	Week 5 July 22-26	Week 6 July 29-Aug 2	Week 7 August 5-9
9:00am to 11:30am	Bio, Bio, Everywhere!	Chemical Connection	Bio, Bio, Everywhere!	Chemical Connection	Bio, Bio, Everywhere!	Chemical Connection	Bio, Bio, Everywhere!
	Build It!	Rocket Factory	Build It!	Rocket Factory	Build It!	Rocket Factory	Rockin' Robots
	Rockin' Robots	Science Cook-Off	Rockin' Robots	Science Cook-Off	Rockin' Robots	Science Cook-Off	
12:30pm to 3:00pm	Chemical Connection	Bio, Bio, Everywhere!	Chemical Connection	Bio, Bio, Everywhere!	Chemical Connection	Bio, Bio, Everywhere!	Chemical Connection
	Rocket Factory	Build It!	Rocket Factory	Build It!	Rocket Factory	Build It!	Rocket Factory
	Science Cook-Off	Rockin' Robots	Science Cook-Off	Rockin' Robots	Science Cook-Off	Rockin' Robots	

Cost per child per class:

Half Day: \$215/non-members | \$200/members

Scholarships Available!

Register Online at  
[CaliforniaScienceCenter.org/Camp](https://CaliforniaScienceCenter.org/Camp)