



SUMMER CAMPS 2018

EXPLORE  
INVESTIGATE  
DISCOVER  
INVENT



THE LAWRENCE  
HALL OF SCIENCE

Berkeley  
UNIVERSITY OF CALIFORNIA



THE LAWRENCE  
HALL OF SCIENCE

UNIVERSITY OF CALIFORNIA, BERKELEY

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BERKELEY



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Half & Full Day  
Camps for Ages 4-5  
Full Day Camps  
for K-12

A.M. & P.M. Extended  
Day Available!

Register online: [lawrencehallofscience.org/summer](http://lawrencehallofscience.org/summer)

# EXPLORE

At Hall camps, young scientists can explore new frontiers. Hall camps encourage the exploration, skill development, and habits of mind that can inspire and engage your young scientist in ways that develop a lifetime interest in scientific pursuits.



# INVESTIGATE

Whether it's about dinosaurs, planets, or computer programming, Hall camps can answer even the most curious child's questions. Campers of all ages will learn to be scientific investigators by developing the skills to follow their natural curiosity.

# DISCOVER

Anyone can be a scientist! At Hall summer camps, participants make observations, conduct experiments, and record their results, just like working scientists do. Your child will discover they have an inner scientist, waiting to explore the world.



# INVENT

Hall camps provide creative kids with the tools to invent, design, and build their own creations. Whether they be robots, light-up toys, or animated stories, there is a Hall camp to bring out the inventor in *your* child.



# Pre-K & Elementary Camps

Full descriptions online at [lawrencehallofscience.org/summer](http://lawrencehallofscience.org/summer)

WEEK	Pre-K AM 4 & 5 years	Pre-K PM 4 & 5 years	K-1 FULL DAY	2-3 FULL DAY	4-5 FULL DAY
1 JUNE 11-15	Dinosaur Detectives Fizzy Foamy Toy Factory	Dinosaur Detectives Fizzy Foamy	Nature Investigations Toy Builders	Animation Adventure	Daytime Astronomy
2 JUNE 18-22	Bugs, Beetles, Butterflies My Sky Tonight Toy Factory	Bugs, Beetles, Butterflies My Sky Tonight	Stirring Up Science	Robotics Playground with LEGO® Bricks	Design a City
3 JUNE 25-29	Pollywog Pond Falling, Floating, Flying Fizzy Foamy	Pollywog Pond Falling, Floating, Flying	Nature Investigations	Our Ocean Planet	Maker Arts
4 JULY 2-6	Dinosaur Detectives My Sky Tonight Fizzy Foamy	Dinosaur Detectives My Sky Tonight	Nature Investigations Toy Builders	Animation Adventure	LEGO® Brick Tech
5 JULY 9-13	Bugs, Beetles, Butterflies Toy Factory Dinosaur Detectives	Bugs, Beetles, Butterflies Toy Factory	Stirring Up Science	Our Ocean Planet	Daytime Astronomy
6 JULY 16-20	Pollywog Pond Falling, Floating, Flying Dinosaur Detectives	Pollywog Pond Dinosaur Detectives	Nature Investigations	Space Patterns	Design a City
7 JULY 23-27	Dinosaur Detectives My Sky Tonight Bugs, Beetles, Butterflies	Dinosaur Detectives My Sky Tonight	Stirring Up Science	Space Patterns	Maker Arts
8 JULY 30-AUG 3	Bugs, Beetles, Butterflies Toy Factory Falling, Floating, Flying	Bugs, Beetles, Butterflies Toy Factory	Toy Builders	Robotics Playground with LEGO® Bricks	Design a City
9 AUG 6-10	Pollywog Pond Falling, Floating, Flying My Sky Tonight	Pollywog Pond Falling, Floating, Flying	Nature Investigations Stirring Up Science	Animation Adventure	LEGO® Brick Tech
10 AUG 13-17	Dinosaur Detectives My Sky Tonight Fizzy Foamy	Dinosaur Detectives My Sky Tonight	Toy Builders	Robotics Playground with LEGO® Bricks	Daytime Astronomy

Hall camps for middle & high schoolers provide engaging experiences that are focused on exciting, state-of-the-art topics. 6th-12th graders can explore biotechnology, robotics, coding, environmental science, and much more.

# Middle & High School Camps

## Decoding Life

**Grades 6–8 | JULY 9–13 & JULY 16–20**

Curious about the science of genetics and how it can be used to solve real-life mysteries? This unique camp explores genetics, including forensics and genetic modification, using real research techniques and equipment, and includes a visit to an actual research lab on the UC Berkeley campus.

## LEGO Brick Robotics

**Grades 6–8 | JULY 23–27 & AUGUST 13–17**

Do you want to build a robot? We'll use LEGO® MINDSTORMS NXT, a cutting-edge robotics kit, to build humanoid robots, roving vehicles, and mechanical creatures of increasing complexity. Then we'll program our droids to talk—and even see. We look forward to seeing what *you* build!

## Coding Nanosatellites

**Grades 8–10 | JUNE 18–29**

Interested in programming? Want to learn to program a real satellite to collect information about Earth? In this 2-week camp, students design and conduct scientific investigations in the lab, in the community, and with a satellite in low-Earth orbit. No prior coding experience required.

## Marine Biology

**Grades 9–12 | JUNE 16–21**

Spend six days at the UC Bodega Marine Lab on the Sonoma Coast developing laboratory and field investigation skills as you examine the rocky tide pools, mudflats, estuaries, coastal dunes, and sandy beaches surrounding the modern research station. Campers design their own research projects with guidance from Hall instructors and scientists.

Prices, dates, & all details visit:

[lawrencehallofscience.org/summer](http://lawrencehallofscience.org/summer)

## Bioprinting Technology

**Grades 9–12 | JULY 20–AUGUST 3**

Do you want to use a 3D bioprinter to perform biology experiments? Are you interested in learning computer coding to solve scientific challenges? If so, this 2-week camp is for you. You will learn how to control a bioprinter and will use it to perform antibiotic screening experiments. You will also use 3D tools to design and print a model biomedical tissue replacement and then to present your designs and results to your peers.

*Bioprinting camp presented in collaboration with SE3D.*



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