

7TH AND 8TH GRADE PROGRAMS

A-MAZE-ING ROBOTS FULL DAY

Design and build an independent robot that can navigate its way through a maze. Watch as your robots perform a dance you choreograph just for them. Now if you could only teach them to clean your room!

JUNE 15 - JUNE 19 9:00AM - 3:00PM
 JULY 13 - JULY 17 9:00AM - 3:00PM
 AUGUST 3 - AUGUST 7 9:00AM - 3:00PM

\$330 MEMBERS | \$360 NON-MEMBERS

SURVIVING THE RED PLANET FULL DAY

Calling all scientists! Delve into the world of design and be part of a team that lands a rover on an uncharted planet. Plan and execute a mission to Mars. Explore the problems faced by NASA scientists and astronauts trying to create a livable world far from our planet. Discover the similarities and differences between Mars and Earth. This class was created in conjunction with NASA's Jet Propulsion Laboratory.

JUNE 22 - JUNE 26 9:00AM - 3:00PM
 JULY 20 - JULY 24 9:00AM - 3:00PM
 AUGUST 10 - AUGUST 14 9:00AM - 3:00PM

\$330 MEMBERS | \$360 NON-MEMBERS

BIOLO-GEE WHIZ FULL DAY

What does your brain really look like? How does your circulatory system work? Find the answers to these questions and more as you explore human anatomy. Delve into the medical industry and learn how various organs function by dissecting fetal pigs. By the end of the week, you will earn your M.D. certificate – Museum Doctor, that is!

JUNE 22 - JUNE 26 9:00AM - 3:00PM
 JULY 20 - JULY 24 9:00AM - 3:00PM
 AUGUST 10 - AUGUST 14 9:00AM - 3:00PM

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LIGHTS! CAMERA! SCIENCE! FULL DAY

Dive into the world of photography and learn the science behind the lens. Create a pinhole camera to learn how cameras take in light. Dissect film and bend light with lasers, lenses, and mirrors. Don't forget the flash!

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 JULY 13 - JULY 17 9:00AM - 3:00PM
 AUGUST 3 - AUGUST 7 9:00AM - 3:00PM

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SEAS THE DAY FULL DAY

Whale hello there! With so much of our world covered in water, join us on an adventure to explore the life inside it. Come on this marine biology tour and learn the efforts that scientists are making to keep our oceans healthy. Experiment with water quality testing, dissect marine animals, and work with our Living Collections team to help us take care of our animals in the Kelp Forest.

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SKATE SCIENCE FULL DAY

Carve out time this summer to explore the mechanics of skating. Put your *goofyfoot* forward as you dissect ollies, vert skating, and all the other physics of fun on wheels. We'll highlight engineering as participants design, build, and decorate their own customized skateboard that will be theirs to keep.

JUNE 22 - JUNE 26 9:00AM - 3:00PM
 JULY 27 - JULY 31 9:00AM - 3:00PM

\$330 MEMBERS | \$360 NON-MEMBERS

WORKING IN SPACE FULL DAY

Find out what it takes to live and work in space! Dive deep into weightlessness and carry out a mission underwater to learn how astronauts train. Find out about different methods to study objects in space and the cost involved with space exploration. This class is taught by the California Science Center curators and educators.

**Class may require a physician's signature to have the students participate in an underwater diving experience.*

JULY 20 - JULY 24 9:00AM - 3:00PM

\$330 MEMBERS | \$360 NON-MEMBERS

RADICAL REACTIONS FULL DAY

Take chemistry to a whole new level! Be a chemist and experiment with elephant toothpaste, freeze fruit in liquid nitrogen, and discover the chemistry used in rocket engines by creating your own combustion reactions.

JULY 6 - JULY 10 9:00AM - 3:00PM
 JULY 27 - JULY 31 9:00AM - 3:00PM

\$330 MEMBERS | \$360 NON-MEMBERS

NEW MEDICAL MAYHEM FULL DAY

Take a journey with us as we get up close and personal with experts in the medical field. Experience firsthand the medical marvels of today while you splint an appendage, practice stitching and bandage wounds.

JULY 6 - JULY 10 9:00AM - 3:00PM
 JULY 27 - JULY 31 9:00AM - 3:00PM

\$330 MEMBERS | \$360 NON-MEMBERS

9TH AND 10TH GRADE PROGRAMS

DRONE ZONE FULL DAY

Let your imagination fly from the classroom into the sky. Learn about the progression of flight while you build and test your own drone. Can you make it fly? Will it balance? Go wireless and take your creation home at the end of the week.

JULY 6 - JULY 10 9:00AM - 3:00PM
 AUGUST 10 - AUGUST 14 9:00AM - 3:00PM

\$330 MEMBERS | \$360 NON-MEMBERS

