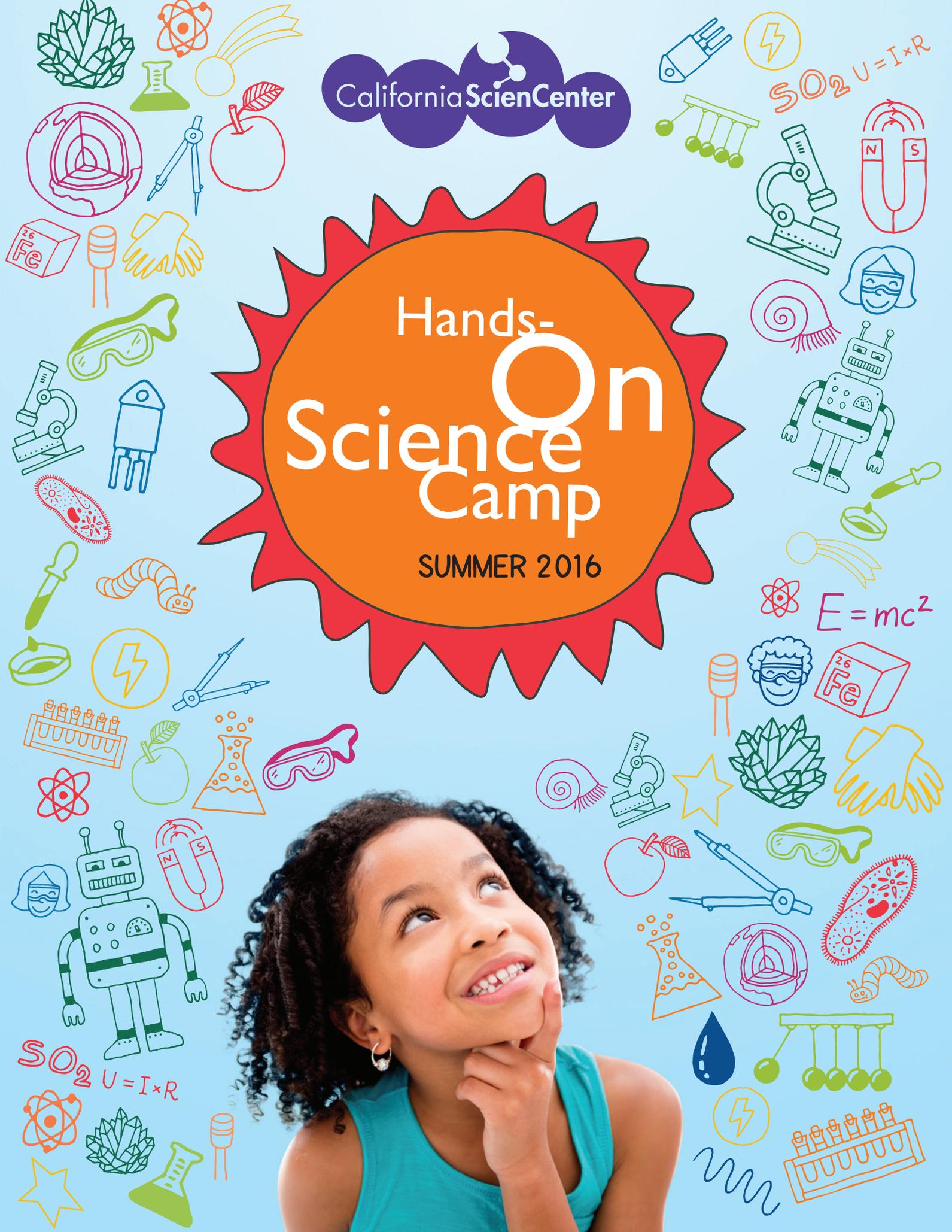


California Science Center

Hands-On Science Camp

SUMMER 2016





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SCHOLARSHIPS

THE MUSES
of the California Science Center Foundation



A limited number of scholarships are available to qualifying families, generously provided by donors including the Sidney Stern Memorial Trust and

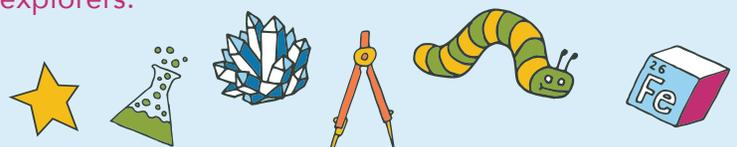
THE MUSES of the California Science Center Foundation. We welcome you to join us and make a gift of science learning by providing scholarship opportunities to children and youth in need. For more information about eligibility, or to make a contribution to the Hands-On Science Camp scholarship fund, please call (213) 744-7444.

Exciting explorations, delightful discoveries and wild wonders await you this summer at the California Science Center's Hands-On Science Camp. We feature more than 30 courses, including popular pre-K parent-and-child classes that give families a chance to learn science together. Hands-On Science Camp is staffed with trained educators and working professionals from a variety of science fields. Your child will have a unique and engaging summer—enroll today!

Hands-On Science Camp offers weeklong day camps for children in preschool through 10th grade, with courses investigating physics, chemistry, biology, space and Earth sciences. Our classes are grade-appropriate, complement science and engineering practices and are taught by instructors with degrees in science and/or education.

Hands-On Science Camp takes place in and around the Wallis Annenberg Building for Science Learning and Innovation, which houses cutting-edge classrooms and labs. Camp participants engage in science activities in a modern environment that includes the Big Lab, a 32,000 sq. ft. open-air space containing large-scale experiment platforms designed for hands-on investigation.

To further enrich the learning experience, students have the opportunity to explore the California Science Center while at Camp. The Science Center is a dynamic destination where families, school groups, adults and young children experience the wonders of science through interactive exhibits, live demonstrations and innovative programs. Located in historic Exposition Park, the Science Center's hands-on galleries include Ecosystems, Creative World, World of Life and our newest exhibit experience, the Samuel Oschin Pavilion featuring Space Shuttle Endeavour. After 25 missions, nearly 123 million miles traveled in space, and a historic 12-mile journey through the streets of Inglewood and Los Angeles, Endeavour is now on public display. Endeavour will ultimately be the centerpiece of the new Samuel Oschin Air and Space Center, a major expansion to the Science Center projected to open in 2018, where it will live out its enduring mission—to inspire current and future generations of innovators and explorers.



* NEW ONLINE ENROLLMENT *

To enroll online please visit
www.californiasciencecenter.org/camp

ENROLLMENT OPENS

Members: February 16, 2016

Non-Members: February 22, 2016

Scholarship Applications: February 29, 2016

CONFIRMATION LETTER: A confirmation letter will be emailed within 3-4 business days of receiving your completed enrollment and payment. A parking pass will be provided with your confirmation letter. The parking pass will allow you free-parking for 15 minutes during pickup and drop-off. If you would like to request a confirmation letter via postal mail please call (213) 744-7444.

SCHOLARSHIPS

A limited number of scholarships are available to qualifying families. For more information about eligibility, or to make a contribution to the camp scholarship fund, please call (213) 744-7444.

EXTENDED CARE

Campers taking a full-day class or both morning and afternoon classes can sign up for the Extended Day Program. This program allows you to drop off your camper at 8 am (one hour before class begins) and pick them up at 5 pm (two hours after class ends). For more information please refer to page 15.

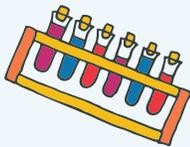
HOW DO I CREATE A FULL-DAY PROGRAM IF MY GRADE LEVEL ONLY OFFERS HALF-DAY COURSES? Two half-day programs can be combined to create a full-day. A supervised lunch period is included when enrolling for a morning and afternoon class. Lunch will not be provided by the California Science Center Foundation. Campers must bring their own lunch for all day classes. Snacks and water are recommended. Please refer to the Course Calendar on page 13 for more information.

CANCELLATION POLICY

Refunds are permitted up to 30 days prior to the start of your Camp session. A \$25 processing fee will be subtracted from the refund. There are no refunds or credits within 30 days prior to Camp. If you do not receive a confirmation letter, please call (213) 744-7444. In the event that a class is cancelled by the California Science Center Foundation, we will make arrangements for your child to enroll in another class or refund your money.

CHANGES

Class changes must be made 30 days in advance. A \$25 processing fee will be charged for each change made to your reservation(s). There is no guarantee that space will be available in another class and no cash refunds will be given, so please plan carefully before enrolling.



PARENT INFORMATION

DAY OF CAMP

FIRST DAY OF CAMP: On the first day of camp, parents, guardians, or authorized adults will need to walk camper(s) to the Big Lab inside the Wallis Annenberg Building. Parents will need to check in with Camp Instructors and confirm correct name spelling, emergency phone numbers, health history and authorized adults for pick up

PARKING: Please leave your parking pass on your dashboard each day of class. It will allow you free 15-minute parking for pickup and drop-off. Parents wishing to stay on site must pay a \$12 daily parking fee.

DROP-OFF: On MONDAY mornings, parents/guardians must PARK in the main parking lot and walk to the Wallis Annenberg Building to check in their camper(s). Please go to www.californiasciencecenter.org for a map of the grounds. TUESDAY-FRIDAY, parents/guardians must DROP OFF their camper(s) under the United airplane off FIGUEROA BLVD. and STATE DR. Parents/Guardians arriving late must park in the main parking structure and walk their camper into the Wallis Annenberg Building.

PICKUP: Camper(s) must be picked up at the end of the program each day. PARK in the main parking structure and walk to pick up camper(s) on the steps of the Wallis Annenberg Building. To ensure the safety of campers, we require that all students be dismissed by the instructor only to parents, guardians, or authorized adults. Campers will not be allowed to meet parents outside of the pickup area. Extended day campers are to be picked up under the United airplane by 5 pm.

SNACKS AND LUNCH: Lunch will not be provided by the California Science Center Foundation. Campers must bring their own lunches for full-day classes. Snacks and water are recommended. Campers will not be allowed to purchase lunch in or around the Science Center. During lunch time, campers will be supervised by Camp staff, and then taken to their next class. Parents do not need to pick up their camper for lunch if their camper is attending camp for a full-day.

SUMMER CAMP RULES

In order to ensure a safe and fun environment for each camper, we ask that you read through the following Camp rules with your child. The rules are designed to guarantee the positive learning experience and environment that every child deserves.

Please be respectful of other campers and staff. All campers and staff deserve to be treated with respect and kindness. No verbal or physical abuse will be allowed (examples: fighting, name-calling, and making fun of other campers).

The Hands-On Science Camp staff are there to reinforce the safety and fun of each camper by ensuring the rules are followed.



LITTLE LEARNER (Pre-K) PROGRAMS

Explore the scientific wonders of the world with your child! Our parent-and-child classes focus on a scientific theme with exciting hands-on activities and crafts. Each fee covers one Pre-K child (aged 3 to 4)* and one parent or "big buddy" (18 years and older). Additional adults or campers must enroll separately at the full fee.

**Campers must be aged three by the start of class.*



*** ALL LITTLE LEARNER PROGRAMS *
\$150 MEMBERS / \$165 NON-MEMBERS**



NOW I SEE YOU!

I see them here! I see them there! Color and lights everywhere! Explore the vibrant colors that help us observe our world. Discover the physics of light and optics by investigating the visible and nonvisible spectrum of colors. Light up the room as you learn about the science behind a glow stick. See the world in a whole new light!

**JUNE 27-JULY 1..... 12:30-2:30 PM
JULY 18-JULY 22..... 9-11 AM**

ME, MYSELF, AND I

Look at yourself from the inside out. Take an adventure through your body and learn all about the parts that make you YOU! Become the subject as you investigate everything from your five senses to the sound of your own heart. You'll get to visit Tess, our 50-foot body simulator and her cartoon pal, Walt!

**JULY 11-JULY 15..... 12:30-2:30 PM
JULY 25-JULY 29..... 9-11 AM**

PLANET PATROL

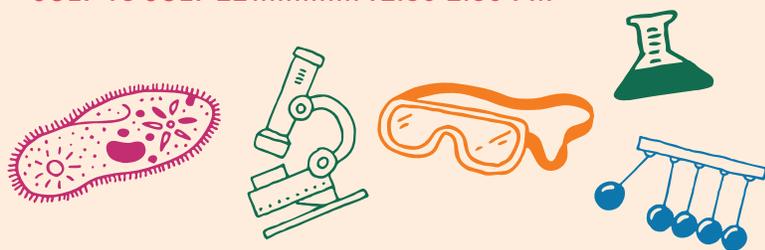
We're not talking about a police force for the stars here! Instead, set your eyes to the skies and get to know the mysterious goings-on in outer space. You'll explore the worlds of our solar system and prepare a small rocket, which is sure to make any astronaut proud.

**JULY 11-JULY 15..... 9-11 AM
JULY 25-JULY 29..... 12:30-2:30 PM**

NEW CHEMISTRY

From the kitchen to the laboratory, reactions happen all around us! Join us as we try to solve different CHEM-mysteries. Make soda explode, experiment with slime and explore the differences between physical and chemical reactions.

**JUNE 27-JULY 1..... 9-11 AM
JULY 18-JULY 22..... 12:30-2:30 PM**



NEW! ONLINE ENROLLMENT! To enroll online or check program availability, please visit www.californiasciencecenter.org/camp. For more information call (213) 744-7444.

KINDERGARTEN PROGRAMS

Introduce your child to the exciting world of science with our Kindergarten programs! Children will explore and experience science with fun, hands-on activities. All children enrolled in the Kindergarten programs must be entering Kindergarten in Fall 2016. Children must be comfortable with a classroom environment and be able to stay without a parent or guardian for the 2.5 hour class.



*** ALL KINDERGARTEN PROGRAMS ***
\$150 MEMBERS / \$165 NON-MEMBERS

NEW INGENIOUS ENGINEERS

Engineer, we have a problem here! Put your problem-solving skills to the test and see which solution works best. Campers will use simple classroom materials to build structures, toys and other crazy contraptions as they bring their imaginations to life!

JUNE 27-JULY 1..... 9-11:30 AM
JULY 18-JULY 22..... 12:30-3 PM
AUGUST 1-AUGUST 5..... 9-11:30 AM

JUNIOR BIG LAB SCIENTIST

Let's go explore science! Ecosystems, polymers, air pressure, kinetic energy...what on Earth do these words mean? Learn all this and more as you investigate basic science concepts in our Big Lab.

JUNE 20-JUNE 24..... 9-11:30 AM
JULY 11-JULY 15..... 12:30-3 PM
JULY 25-JULY 29..... 9-11:30 AM

SPACED OUT

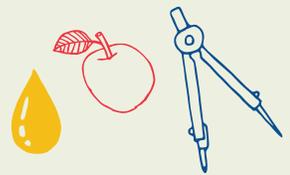
When we look into the night sky, we see the stars and the moon. But have you ever wondered what stars are made of or what a constellation is? Why does the moon look different each night? Explore our nightly companions, the moon and stars, and what makes them special.

JUNE 20-JUNE 24..... 12:30-3 PM
JULY 11-JULY 15..... 9-11:30 AM
JULY 25-JULY 29..... 12:30-3 PM

STICKY, ICKY, YUCKY

Oops, I sneezed! Discover and observe how chemicals react as you create all kinds of stinky, slimy, and gooey blobs guaranteed to gross out your family and friends. Campers will make their very own Slime, Gak, and even some Oobleck!

JUNE 27-JULY 1..... 12:30-3 PM
JULY 18-JULY 22..... 9-11:30 AM
AUGUST 1-AUGUST 5..... 12:30-3 PM



1ST & 2ND GRADE PROGRAMS



* ALL 1ST & 2ND GRADE PROGRAMS *
\$150 MEMBERS / \$165 NON-MEMBERS

3,2,1, BLAST OFF!

Experience the thrill of building your own rocket prototypes! Explore distant planets and create your own mini solar system. Discover what it takes to launch your own air-powered rocket!

JUNE 13-JUNE 17..... 9-11:30 AM
JUNE 20-JUNE 24..... 12:30-3 PM
JUNE 27-JULY 1..... 9-11:30 AM
JULY 11-JULY 15..... 12:30-3 PM
JULY 18-JULY 22..... 9-11:30 AM
JULY 25-JULY 29..... 12:30-3 PM
AUGUST 1-AUGUST 5..... 9-11:30 AM
AUGUST 8-AUGUST 12.... 12:30-3 PM

BIG LAB SCIENTIST

Let's build it, race it, and fly it! Test the limits of your imagination when you have the whole Big Lab to work with. Drop melons from the MEGA Tower, sail boats across the Water Works pool, and launch a tennis ball over 100 feet in the air!

JUNE 13-JUNE 17..... 9-11:30 AM
JUNE 20-JUNE 24..... 12:30-3 PM
JUNE 27-JULY 1..... 9-11:30 AM
JULY 11-JULY 15..... 12:30-3 PM
JULY 18-JULY 22..... 9-11:30 AM
JULY 25-JULY 29..... 12:30-3 PM
AUGUST 1-AUGUST 5..... 9-11:30 AM
AUGUST 8-AUGUST 12.... 12:30-3 PM

NEW RIDE THE WAVE

Are you ready to ride the wave? Wave of excitement that is! Discover the wonders of light waves, ocean waves, and sound waves as you delve into different types of science. See how waves power lasers, make boats move, and even ring bells!

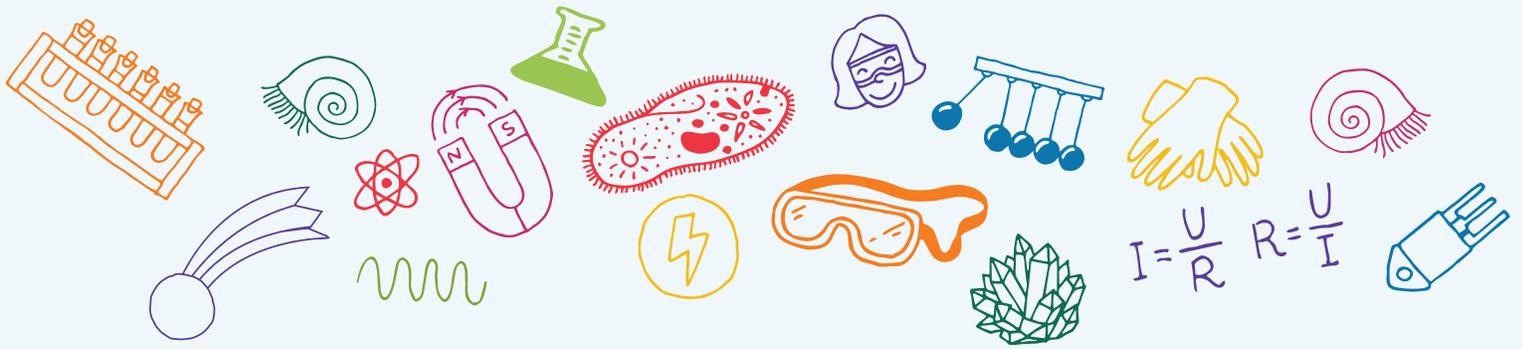
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JULY 11-JULY 15..... 12:30-3 PM
JULY 18-JULY 22..... 9-11:30 AM
JULY 25-JULY 29..... 12:30-3 PM
AUGUST 1-AUGUST 5..... 9-11:30 AM
AUGUST 8-AUGUST 12.... 12:30-3 PM

CHEMICAL CHAOS

Chemistry is everywhere! Learn how chemicals react to make something new as you create cool, slimy polymers. Observe how pigments separate to create a burst of color. Chemistry is not just fun, it's chaotic!

JUNE 13-JUNE 17..... 12:30-3 PM
JUNE 20-JUNE 24..... 9-11:30 AM
JUNE 27-JULY 1..... 12:30-3 PM
JULY 11-JULY 15..... 9-11:30 AM
JULY 18-JULY 22..... 12:30-3 PM
JULY 25-JULY 29..... 9-11:30 AM
AUGUST 1-AUGUST 5..... 12:30-3 PM
AUGUST 8-AUGUST 12.... 9-11:30 AM





SCIENCE STEW

Get your mixing bowls and oven mitts ready for some culinary creations! Science takes center stage as you discover the connections between cooking and chemistry. Learn about our sense of taste while creating dishes designed to make those taste buds go crazy!

JUNE 13-JUNE 17..... 12:30-3 PM
 JUNE 20-JUNE 24..... 9-11:30 AM
 JUNE 27-JULY 1 12:30-3 PM
 JULY 11-JULY 15 9-11:30 AM
 JULY 18-JULY 22 12:30-3 PM
 JULY 25-JULY 29 9-11:30 AM
 AUGUST 1-AUGUST 5 12:30-3 PM
 AUGUST 8-AUGUST 12 9-11:30 AM

WIZARD SCIENCE

Is it magic or science? You don't have to take a mysterious train to find out in this wizard academy. Investigate the science behind growing beasts, disappearing water and much more. Amaze your family and friends in a magic show on the last day of class!

JUNE 13-JUNE 17..... 12:30-3 PM
 JUNE 20-JUNE 24..... 9-11:30 AM
 JUNE 27-JULY 1..... 12:30-3 PM
 JULY 11-JULY 15 9-11:30 AM
 JULY 18-JULY 22 12:30-3 PM
 JULY 25-JULY 29 9-11:30 AM
 AUGUST 1-AUGUST 5 12:30-3 PM
 AUGUST 8-AUGUST 12 9-11:30 AM



To enroll online or check program availability, please visit www.californiasciencecenter.org/camp. For more information call (213) 744-7444.

NEW! ONLINE ENROLLMENT!

3RD & 4TH GRADE PROGRAMS



*** ALL 3RD & 4TH GRADE PROGRAMS *
\$150 MEMBERS / \$165 NON-MEMBERS**

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 experiment with the properties of matter and test various ingredients to create cool chemical reactions. You'll even make your own tie-dye shirt!

JUNE 13-JUNE 17..... 12:30-3 PM
JUNE 20-JUNE 24..... 9-11:30 AM
JUNE 27-JULY 1..... 12:30-3 PM
JULY 11-JULY 15..... 9-11:30 AM
JULY 18-JULY 22..... 12:30-3 PM
JULY 25-JULY 29..... 9-11:30 AM
AUGUST 1-AUGUST 5..... 12:30-3 PM
AUGUST 8-AUGUST 12... 9-11:30 AM

FANTASTIC PHYSICS

Physics makes the world go around—literally. Learn its secrets using the Big Lab, where you will build and design roller coasters and sailboats. Drop objects from the 3-story MEGA Tower to investigate gravity's force. Energy and motion take center stage in this week of "phantastically phun" physics.

JUNE 13-JUNE 17..... 9-11:30 AM
JUNE 20-JUNE 24..... 12:30-3 PM
JUNE 27-JULY 1..... 9-11:30 AM
JULY 11-JULY 15..... 12:30-3 PM
JULY 18-JULY 22..... 9-11:30 AM
JULY 25-JULY 29..... 12:30-3 PM
AUGUST 1-AUGUST 5..... 9-11:30 AM
AUGUST 8-AUGUST 12... 12:30-3 PM

BUILD IT!

Calling all engineers! 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!

JUNE 13-JUNE 17..... 12:30-3 PM
JUNE 20-JUNE 24..... 9-11:30 AM
JUNE 27-JULY 1..... 12:30-3 PM
JULY 11-JULY 15..... 9-11:30 AM
JULY 18-JULY 22..... 12:30-3 PM
JULY 25-JULY 29..... 9-11:30 AM
AUGUST 1-AUGUST 5..... 12:30-3 PM
AUGUST 8-AUGUST 12... 9-11:30 AM

NEW GO FOR LAUNCH!

Join us on a space adventure for a trip that's out of this world! Blast through the solar system and soar through the stars as you learn to navigate the celestial sphere and beyond. Join the space exploration team to plan missions by conducting your own experiments and trajectory tests, and experience the fun of launching your own rocket on the last day.

JUNE 13-JUNE 17..... 9-11:30 AM
JUNE 20-JUNE 24..... 12:30-3 PM
JUNE 27-JULY 1..... 9-11:30 AM
JULY 11-JULY 15..... 12:30-3 PM
JULY 18-JULY 22..... 9-11:30 AM
JULY 25-JULY 29..... 12:30-3 PM
AUGUST 1-AUGUST 5..... 9-11:30 AM
AUGUST 8-AUGUST 12... 12:30-3 PM

NEW! ONLINE ENROLLMENT! To enroll online or check program availability, please visit www.californiasciencecenter.org/camp. For more information call (213) 744-7444.



BIO, BIO, EVERYWHERE!

From the plants that grow in the ground to the animals that swim in the ocean, life is all around us! Explore the different branches of biology by dissecting a squid, learning the secrets of plants, and extracting your own DNA! Grow your own cell culture to discover the microscopic organisms that surround us every day. Discover the secret of life on your journey through the wonders of biology.

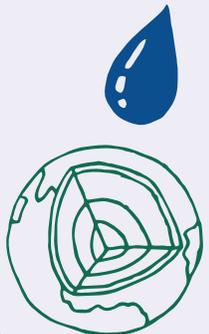
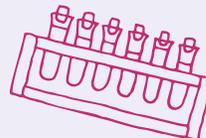
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JULY 11-JULY 15..... 12:30-3 PM
JULY 18-JULY 22..... 9-11:30 AM
JULY 25-JULY 29..... 12:30-3 PM
AUGUST 1-AUGUST 5..... 9-11:30 AM
AUGUST 8-AUGUST 12... 12:30-3 PM



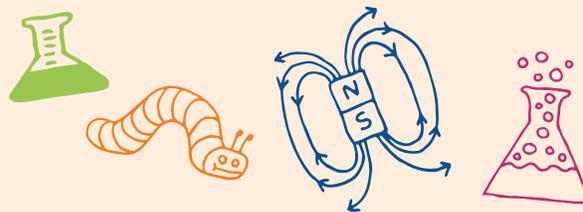
NEW THE FORCE, OF COURSE!

Join the fun as we explore the wonders that keep us here on earth. Investigate gravity, friction and many other forces as you create your own roller coasters, slide down a ramp and even drop things from our MEGA tower. The force is strong in this class!

JUNE 13-JUNE 17..... 12:30-3 PM
JUNE 20-JUNE 24..... 9-11:30 AM
JUNE 27-JULY 1..... 12:30-3 PM
JULY 11-JULY 15..... 9-11:30 AM
JULY 18-JULY 22..... 12:30-3 PM
JULY 25-JULY 29..... 9-11:30 AM
AUGUST 1-AUGUST 5..... 12:30-3 PM
AUGUST 8-AUGUST 12... 9-11:30 AM



5TH & 6TH GRADE PROGRAMS



ALL COOKED UP! (Full Day)

Do you love science and cooking? Add a pinch of chemistry and a dash of science in this fun culinary class. Learn about molecular gastronomy, the newest frontier in culinary arts and science. Blend the two disciplines and watch food transform from typical to unexpected forms using scientific laboratory techniques.

JUNE 20-JUNE 24..... 9-3 PM

JULY 11-JULY 15..... 9-3 PM

JULY 25-JULY 29..... 9-3 PM

AUGUST 8-AUGUST 12... 9-3 PM

\$310 MEMBERS / \$345 NON-MEMBERS

Fee includes all material costs

BONES, BODY & BIOLOGY

Explore human anatomy and biology through animal dissections and explorations. Discover how your bones, muscles, and organs work together and how you can keep your body in healthy shape. You'll see your body in a whole new way!

JUNE 13-JUNE 17..... 9-11:30 AM

JUNE 20-JUNE 24..... 12:30-3 PM

JUNE 27-JULY 1..... 9-11:30 AM

JULY 11-JULY 15..... 12:30-3 PM

JULY 18-JULY 22..... 9-11:30 AM

JULY 25-JULY 29..... 12:30-3 PM

AUGUST 1-AUGUST 5..... 9-11:30 AM

AUGUST 8-AUGUST 12... 12:30-3 PM

\$150 MEMBERS / \$165 NON-MEMBERS

ECLECTIC ENGINEERING (Full Day)

How do we make a robot arm move? What makes structures strong enough to endure earthquakes? Answer these questions and more while drafting new designs and perfecting problem solving skills. Draw on multiple sciences as you develop the skills to construct the future!

JUNE 13-JUNE 17..... 9-3 PM

JUNE 27-JULY 1..... 9-3 PM

JULY 18-JULY 22..... 9-3 PM

AUGUST 1-AUGUST 5..... 9-3 PM

\$310 MEMBERS / \$345 NON-MEMBERS

Fee includes all material costs

MATTER IN MOTION

Gravity—it's not just a good idea, it's the law! Learn about today's movers and shakers as you study Newton's laws of motion. Our tools for this adventure will include rockets, tennis ball launchers, our 3-story MEGA Tower and other elements of the Big Lab. There will be a rocket launch on the last day of class.

JUNE 13-JUNE 17..... 12:30-3 PM

JUNE 20-JUNE 24..... 9-11:30 AM

JUNE 27-JULY 1..... 12:30-3 PM

JULY 11-JULY 15..... 9-11:30 AM

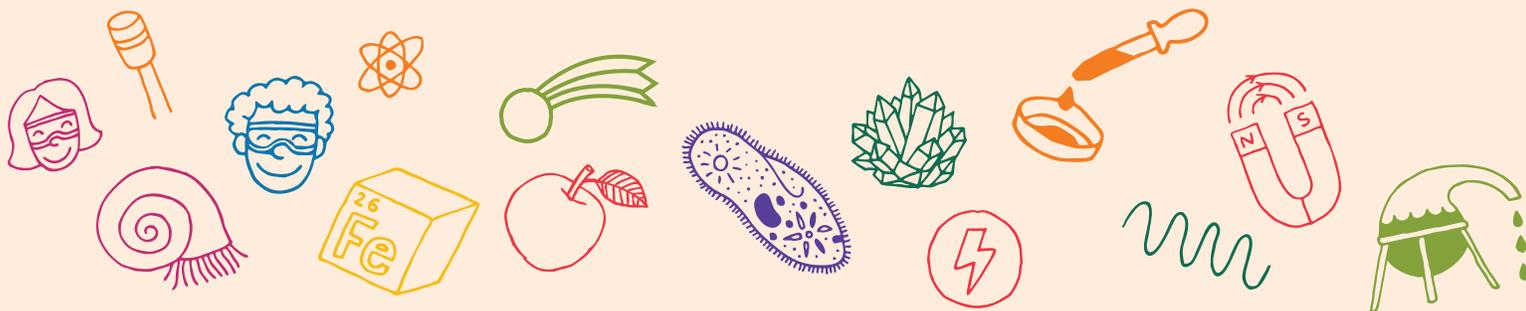
JULY 18-JULY 22..... 12:30-3 PM

JULY 25-JULY 29..... 9-11:30 AM

AUGUST 1-AUGUST 5..... 12:30-3 PM

AUGUST 8-AUGUST 12... 9-11:30 AM

\$150 MEMBERS / \$165 NON-MEMBERS



NEW! ONLINE ENROLLMENT!

To enroll online or check program availability, please visit www.californiasciencecenter.org/camp. For more information call (213) 744-7444.

CHEMICAL MELTDOWN

Watch science in action in a chemical reaction! Experiment with the properties of matter as you test different reactants to uncover how chemical reactions work. Discover the difference between a physical reaction and a chemical reaction. Be ready to get messy and have a chemical meltdown!

JUNE 13-JUNE 17..... 9-11:30 AM
JUNE 20-JUNE 24..... 12:30-3 PM
JUNE 27-JULY 1..... 9-11:30 AM
JULY 11-JULY 15..... 12:30-3 PM
JULY 18-JULY 22..... 9-11:30 AM
JULY 25-JULY 29..... 12:30-3 PM
AUGUST 1-AUGUST 5..... 9-11:30 AM
AUGUST 8-AUGUST 12... 12:30-3 PM

\$150 MEMBERS / \$165 NON-MEMBERS

NEW MISSION TO MARS

Ever wonder what's beyond the moon? Come aboard 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. Learn about the hazards of space and what humans need to do to protect themselves in this adventure to the red planet.

JUNE 13-JUNE 17..... 12:30-3 PM
JUNE 20-JUNE 24..... 9-11:30 AM
JUNE 27-JULY 1..... 12:30-3 PM
JULY 11-JULY 15..... 9-11:30 AM
JULY 18-JULY 22..... 12:30-3 PM
JULY 25-JULY 29..... 9-11:30 AM
AUGUST 1-AUGUST 5..... 12:30-3 PM
AUGUST 8-AUGUST 12... 9-11:30 AM

\$150 MEMBERS / \$165 NON-MEMBERS

THE SCIENCE OF 3D ANIMATION: BASICS OF ANIMATION (Full Day)

Explore the science of 3D animation! You will learn all about animation principles and techniques, as well as how to create your own animated film. The final day will feature a film festival and premiere party for you to invite your own guests!

JUNE 13-JUNE 17..... 9-3 PM
JUNE 20-JUNE 24..... 9-3 PM
JULY 18-JULY 22..... 9-3 PM
JULY 25-JULY 29..... 9-3 PM

\$285 MEMBERS / \$315 NON-MEMBERS

THE SCIENCE OF 3D ANIMATION: ENHANCING YOUR DESIGN (Full Day)*

Continue exploring the world of 3D animation and focus on advanced techniques including character modeling, keyframe animation techniques, and advanced sound. The final day will feature a film festival and premiere party for you to invite your own guests!

JUNE 27-JULY 1..... 9-3 PM
AUGUST 1-AUGUST 5..... 9-3 PM

\$285 MEMBERS / \$315 NON-MEMBERS

NEW THE SCIENCE OF 3D ANIMATION: VIDEO GAME DESIGN (Full Day)*

For an alternate look into 3D animation, learn how previously taught animation basics can be combined with basic coding to create a game! Students will explore the science behind creating a game by learning modeling, and coding techniques.

JULY 11-JULY 15..... 9-3 PM
AUGUST 8-AUGUST 12... 9-3 PM

\$285 MEMBERS / \$315 NON-MEMBERS



** Prerequisite: Students must complete 'The Science of 3D Animation: Basics of Animation' before taking this class. Students will not be able to enroll in this class if they have not taken 'The Science of 3D Animation: Basics of Animation' within the last year.*

7TH & 8TH GRADE PROGRAMS

NEW BIOLO-GEE WHIZ (Full Day)

What does your brain really look like? How does your circulatory system work? You'll 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 20-JUNE 24..... 9-3 PM

JULY 11-JULY 15..... 9-3 PM

JULY 25-JULY 29..... 9-3 PM

AUGUST 8-AUGUST 12... 9-3 PM

\$310 MEMBERS / \$345 NON-MEMBERS

Fee includes all material costs

NEW GET IN THE GAME (Full Day)

Join our team in this action-packed week that is sure to be a home run. Dive deep into the science behind your favorite sports. Explore how muscles move and develop your mind and body as you learn about reaction times, homeostasis, equipment needs and more!

JUNE 13-JUNE 17..... 9-3 PM

JUNE 27-JULY 1..... 9-3 PM

JULY 18-JULY 22..... 9-3 PM

AUGUST 1-AUGUST 5..... 9-3 PM

\$285 MEMBERS / \$315 NON-MEMBERS

aMAZEing ROBOTS (Full Day)

Who needs lab rats when you can use robots? 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 20-JUNE 24..... 9-3 PM

JULY 18-JULY 22..... 9-3 PM

\$285 MEMBERS / \$315 NON-MEMBERS



RADICAL REACTIONS (Full Day)

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

JUNE 13-JUNE 17..... 9-3 PM

JULY 11-JULY 15..... 9-3 PM

\$285 MEMBERS / \$315 NON-MEMBERS

THE SCIENCE OF 3D ANIMATION: BASICS OF ANIMATION (Full Day)

Explore the science of 3D animation! You will learn all about animation principles and techniques, as well as how to create your own animated film. The final day will feature a film festival and premiere party for you to invite your own guests!

JUNE 13-JUNE 17..... 9-3 PM

JUNE 20-JUNE 24..... 9-3 PM

JULY 18-JULY 22..... 9-3 PM

JULY 25-JULY 29..... 9-3 PM

\$285 MEMBERS / \$315 NON-MEMBERS

THE SCIENCE OF 3D ANIMATION: ENHANCING YOUR DESIGN (Full Day)*

Continue exploring the world of 3D animation and focus on advanced techniques including character modeling, keyframe animation techniques, and advanced sound. The final day will feature a film festival and premiere party for you to invite your own guests!

JUNE 27-JULY 1..... 9-3 PM

AUGUST 1-AUGUST 5..... 9-3 PM

\$285 MEMBERS / \$315 NON-MEMBERS



NEW THE SCIENCE OF 3D ANIMATION: VIDEO GAME DESIGN (Full Day)*

For an alternate look into 3D animation, learn how previously taught animation basics can be combined with basic coding to create a game! Students will explore the science behind creating a game by learning modeling, and coding techniques.

JULY 11-JULY 15..... 9-3 PM

AUGUST 8-AUGUST 12... 9-3 PM

\$285 MEMBERS / \$315 NON-MEMBERS

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. Engineering will be highlighted as participants design, build, and decorate their own customized skateboard that will be theirs to keep.

JUNE 27-JULY 1..... 9-3 PM

AUGUST 1-AUGUST 5..... 9-3 PM

\$310 MEMBERS / \$345 NON-MEMBERS

Fee includes all material costs

WORKING IN SPACE (Full Day)

Find out what it takes to live and work in space! Learn how astronauts train by diving deep into weightlessness and carrying out a mission underwater. Find out different methods to study objects in space and the cost involved with space exploration. This class is taught by California Science Center Curators and Educators.

JULY 25-JULY 29..... 9-3 PM

\$310 MEMBERS / \$345 NON-MEMBERS

Fee includes all material costs



** Prerequisite: Students must complete 'The Science of 3D Animation: Basics of Animation' before taking this class. Students will not be able to enroll in this class if they have not taken 'The Science of 3D Animation: Basics of Animation' within the last year.*

9TH & 10TH GRADE PROGRAM

NEW SOAP-BOX DERBY RACERS (Full Day)

On your marks, get set, gravity! Explore friction, momentum, potential and kinetic energy as you engineer your own soap box derby car. Put your creation to the test with a day full of racing and steer yourself to first place. Don't let friction hold you back from taking this exciting class.

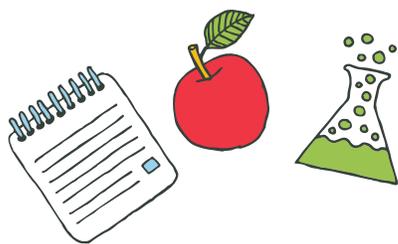
AUGUST 8-AUGUST 12... 9-3 PM

\$310 MEMBERS / \$345 NON-MEMBERS



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HANDS-ON SCIENCE CAMP

WEEK 1
JUN 13-17

WEEK 2
JUN 20-24

WEEK 3
JUN 27-JUL 1

LITTLE LEARNERS (Pre-K) PAGE 3	AM			Chemystery
	PM			Now I See You!
KINDERGARTEN PAGE 4	AM		Junior Big Lab Scientist	Ingenious Engineers
	PM		Spaced Out	Sticky,Icky, Yucky
1ST & 2ND PAGE 5	AM	3,2,1, Blast Off! Ride the Wave Big Lab Scientist	Wizard Science Chemical Chaos Science Stew	3,2,1, Blast Off! Ride the Wave Big Lab Scientist
	PM	Wizard Science Chemical Chaos Science Stew	3,2,1, Blast Off! Ride the Wave Big Lab Scientist	Wizard Science Chemical Chaos Science Stew
3RD & 4TH PAGE 7	AM	Bio, Bio, Everywhere! Fantastic Physics Go for Launch!	The Force, Of Course! Build It! Chemical Connection	Bio, Bio, Everywhere! Fantastic Physics Go for Launch!
	PM	The Force, Of Course! Build It! Chemical Connection	Bio, Bio, Everywhere! Fantastic Physics Go for Launch!	The Force, Of Course! Build It! Chemical Connection
5TH & 6TH PAGE 9	AM	Bones, Body & Biology Chemical Meltdown	Mission to Mars Matter in Motion	Bones, Body & Biology Chemical Meltdown
	PM	Mission to Mars Matter in Motion	Bones, Body & Biology Chemical Meltdown	Mission to Mars Matter in Motion
	FULL DAY	Eclectic Engineering 3D Animation: Basics of Animation	All Cooked Up 3D Animation: Basics of Animation	Eclectic Engineering 3D Animation: Enhancing Your Design
7TH & 8TH PAGE 11	FULL DAY	Get in the Game! Radical Reactions 3D Animation: Basics of Animation	Biolo-Gee Whiz aMAZEing Robots 3D Animation: Basics of Animation	Get in the Game! Skate Science 3D Animation: Enhancing Your Design
9TH & 10TH PAGE 12	FULL DAY			

NEW! ONLINE ENROLLMENT!

To enroll online or check program availability, please visit www.californiasciencecenter.org/camp.
For more information call (213) 744-7444.

COURSE CALENDAR 2016



WEEK 4
JUL 11-15

WEEK 5
JUL 18-22

WEEK 6
JUL 25-29

WEEK 7
AUG 1-5

WEEK 8
AUG 8-12

Planet Patrol	Now I See You!	Me, Myself, and I		
Me, Myself, and I	Chemystery	Planet Patrol		
Spaced Out	Sticky, Icky, Yucky	Junior Big Lab Scientist	Ingenious Engineers	
Junior Big Lab Scientist	Ingenious Engineers	Spaced Out	Sticky, Icky, Yucky	
Wizard Science Chemical Chaos Science Stew	3,2,1, Blast Off! Ride the Wave Big Lab Scientist	Wizard Science Chemical Chaos Science Stew	3,2,1, Blast Off! Ride the Wave Big Lab Scientist	Wizard Science Chemical Chaos Science Stew
3,2,1, Blast Off! Ride the Wave Big Lab Scientist	Wizard Science Chemical Chaos Science Stew	3,2,1, Blast Off! Ride the Wave Big Lab Scientist	Wizard Science Chemical Chaos Science Stew	3,2,1, Blast Off! Ride the Wave Big Lab Scientist
The Force, Of Course! Build It! Chemical Connection	Bio, Bio, Everywhere! Fantastic Physics Go for Launch!	The Force, Of Course! Build It! Chemical Connection	Bio, Bio, Everywhere! Fantastic Physics Go for Launch!	The Force, Of Course! Build It! Chemical Connection
Bio, Bio, Everywhere! Fantastic Physics Go for Launch!	The Force, Of Course! Build It! Chemical Connection	Bio, Bio, Everywhere! Fantastic Physics Go for Launch!	The Force, Of Course! Build It! Chemical Connection	Bio, Bio, Everywhere! Fantastic Physics Go for Launch!
Mission to Mars Matter in Motion	Bones, Body & Biology Chemical Meltdown	Mission to Mars Matter in Motion	Bones, Body & Biology Chemical Meltdown	Mission to Mars Matter in Motion
Bones, Body & Biology Chemical Meltdown	Mission to Mars Matter in Motion	Bones, Body & Biology Chemical Meltdown	Mission to Mars Matter in Motion	Bones, Body & Biology Chemical Meltdown
All Cooked Up 3D Animation: Video Game Design	Eclectic Engineering 3D Animation: Basics of Animation	All Cooked Up 3D Animation: Basics of Animation	Eclectic Engineering 3D Animation: Enhancing Your Design	All Cooked Up 3D Animation: Video Game Design
Biolo-Gee Whiz Radical Reactions 3D Animation: Video Game Design	Get in the Game! aMAZEing Robots 3D Animation: Basics of Animation	Biolo-Gee Whiz Working in Space 3D Animation: Basics of Animation	Get in the Game! Skate Science 3D Animation: Enhancing Your Design	Biolo-Gee Whiz 3D Animation: Video Game Design

Soap Box Derby Racers



EXTENDED DAY PROGRAM



KINDERGARTEN-10TH GRADE CAMPERS

Campers taking a full-day class or both morning and afternoon classes can sign up for the Extended Day Program. This program allows you to drop off your children at 8 am (one hour before class begins) and pick them up at 5 pm (two hours after class ends). The Extended Day Program includes creative and fun group activities led and supervised by Camp staff. Snacks for the afternoon will be provided. You must enroll for the entire week - no single days are offered.

JUNE 13-JUNE 17

JUNE 20-JUNE 24

JUNE 27-JULY 1

JULY 11-JULY 15

JULY 18-JULY 22

JULY 25-JULY 29

AUGUST 1-AUGUST 5

AUGUST 8-AUGUST 12

\$75 MEMBERS / \$85 NON-MEMBERS

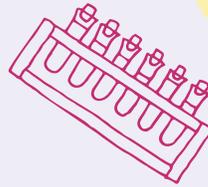


MEMBERS SAVE!

Join today and not only will you receive a discount on your classes, but you'll enjoy a year of great benefits including free IMAX tickets, special discount offers and exclusive Science Center experiences for Members only!

JOINING IS EASY

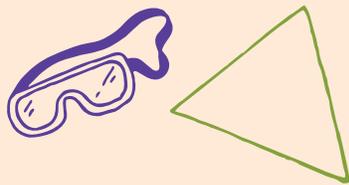
To become a new Member or renew your current Membership, just fill out the Membership area of the enrollment form on page 19 and include your Membership payment along with your Camp fee. For more details about the benefits and levels of Membership, visit: www.goto.californiasciencecenter.org/benefits or call (213) 744-7504.



NEW! ONLINE ENROLLMENT!

To enroll online or check program availability, please visit www.californiasciencecenter.org/camp. For more information call (213) 744-7444.





EDUCATION PROGRAMS

HOMESCHOOL DAYS

Join us on select days throughout the school year as homeschool students come together to explore a variety of science concepts! Each day will feature age-appropriate activities held in our educational classrooms and the Big Lab.

Science Fact or Science Fiction: February 22 or 23, 2016

Bugs and Botany: March 21 or 22, 2016

Exploring Engineering: April 18 or 19, 2016

\$25 MEMBERS / \$30 NON-MEMBERS

SCIENCE SATURDAYS

Calling all scientists! Join us on select Saturdays throughout the year to explore a variety of science topics! Each day will feature age-appropriate activities held in our educational classrooms and the Big Lab.

Science Fact or Science Fiction: February 20, 2016

Bugs and Botany: March 19, 2016

Exploring Engineering: April 16, 2016

\$35 MEMBERS / \$40 NON-MEMBERS

JUST FOR SCOUTS

Bring your scouts to the California Science Center to work towards science-related badges and electives! Meet and work together with scouts from around Southern California while doing hands-on science and completing badge/elective requirements at the same time! The California Science Center now offers a Special Fun Patch too!

GIRL SCOUTS.....MARCH 12, 2016

Daisies and Brownies: Biology

Juniors and Cadettes: Biology

BEAR CUB SCOUTS AND WEBELOS.....APRIL 2, 2016

Bear Cubs: Forensics

Webelos: Into the Wild

\$25-\$30 PER SCOUT

SCIENCE ON TOUR OUTREACH PROGRAM

Bring the wonder and excitement of the California Science Center to your school with an interactive, live program! Our programs can take enthusiasm for science in your school to a whole new level!

For more information, please contact us:

Via phone: (213) 744-2072

Email: scienceontour@cscmail.org

Or on the web:

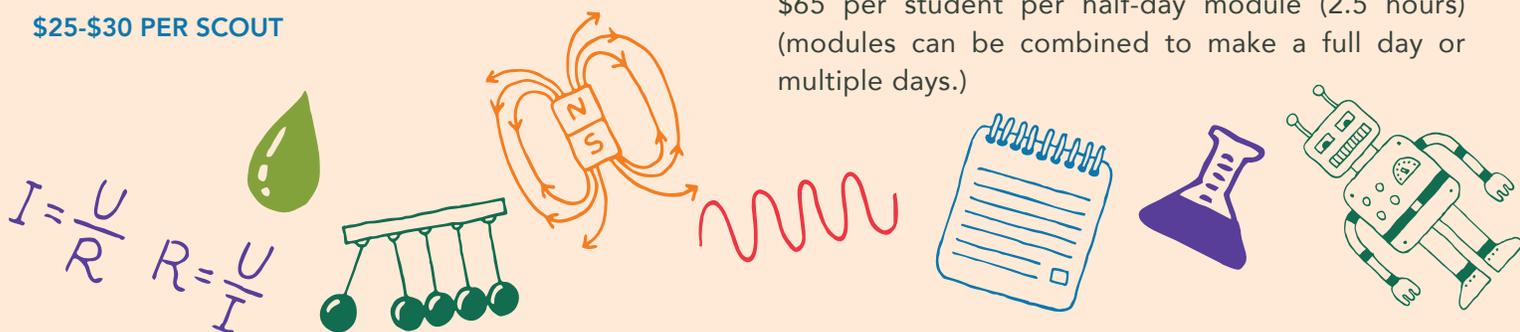
www.californiasciencecenter.org/outreach



CREATE-A-CAMP

Create a customized camp experience for your group! Whether you are looking for a specialized summer camp, a short winter camp, a long spring camp, or anything in between, we can develop a program just for you!

\$65 per student per half-day module (2.5 hours) (modules can be combined to make a full day or multiple days.)





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**SUMMER 2016 HANDS-ON SCIENCE CAMP
CALIFORNIA SCIENCE CENTER FOUNDATION**

700 Exposition Park Drive
Los Angeles, CA 90037

Main Number: (213) 744-7400

Fax: (213) 744-2052

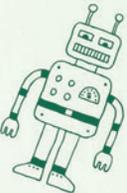
Camp Info: (213) 744-7444

www.californiasciencecenter.org/camp



ENROLL ONLINE!

Hands-On Science Camp at the California Science Center



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For more information call (213) 744-7444

