



EIS Summer Camp 2021

Every week we will explore a different STEAM subject. Your future scientists and engineers will enjoy age appropriate hands-on science experiments, dissections, fun games, technology, arts & craft, and more! They will meet guest scientists and learn about STEM careers.

Student will be in groups by age/grades:

- Grades 2-3
- Grades 4-5
- Grades 6-8

Camp Descriptions

Week 1 - Monday, June 21 - Friday 25 Theme: **Exploring Genomics: What Makes You, You?**

Students will make an inventory of their genetic traits and participate in various genetics, microbiology, and more STEAM activities.

Week 2 - Monday, June 28 - Friday, July 2 Theme: **Rocket Science**

Students will put their engineering caps in action and build and launch rockets! They will participate in hands-on engineering, astronomy, and more STEAM activities.

Week 3 - Tuesday, July 6 - Friday, July 9 Theme: **Conquering Chemistry!**

What happens when you mix hydrogen peroxide and soap? Students will put their safety goggles and lab coats to find out! They will enjoy messy and bubbling chemical reactions, and learn how chemistry can help us understand how and why things change in our world.

Week 4 - Monday, July 12 - Friday, July 16 Theme: **Garden Genius**

How do plants grow? Who eats who? How I can grow my own food? Are you curious about gardening, botany, and conservation? Join us for a week of fun hands-on botany, health science, and food science and explore the fascinating world of plant adaptations and the importance of pollinators!

Week 5 - Monday, July 19 - Friday, July 23 Theme: **Galaxy Explorers**

How was our solar system formed? How can we travel to Mars? Learn about the stars and constellations and everything astronomy in this week of out of Space fun.

Week 6 - Monday, July 26 - Friday, July 30 Theme: **Super Hero Adaptations**

How do organisms survive in different habitats from space to the deep ocean? Let's design animals and plants that can survive in San Diego and beyond using superhero adaptations. This camp is for all the ecologists and zoologists' explorers.

Week 7 - Monday, August 2 - Friday, August 6 Theme: **Whales, Porpoises, and Dolphins, Oh My!**

What marine mammals can we find in San Diego? How do they know where to go every year? Students will participate in hands-on marine biology, photography, ecology, and more STEAM activities to learn about wonderful whales and their relatives.

Week 8 - Monday, August 9 - Friday, August 13 Theme: **Innovating Inventors**

Explore 3D printing and engineering inventions that help people and the environment. What can we design to clean up the ocean? How do we build a stethoscope? Students will design and build inventions to help make the world a better place!

Week 9 - Monday, August 16 - Friday, August 20 Theme: **Ocean Protectors**

How can we save the ocean? Students will participate in hands-on oceanography, climate science, and environmental science activities to learn about marine ecosystems and design solutions to pollution, ocean acidification, and other environmental problems.

Week 10 - Monday, August 23 - Friday, August 27 Theme: **Science Communication through Art**

Our young scientists will use art to describe the world around us. Students will participate in hands-on ecology, art, nature journaling, computer designs, and more STEAM activities.

EIS makes science fun! Students will participate in hands-on STEM activities led by an engaging team of instructors!

\$275* per week
 *Discounts & Scholarships Available
 *Week 3 \$220 for 4-day camp
Register at EISCA.org

LUNCH/SNACKS: Please send your student with a healthy lunch, water bottle, and snacks every day. There will be a lunch break and two snack breaks.

DISCOUNTS: Sibling, military, and multi-week discounts will be applied during registration. Scholarships are also available for those who qualify.

HEALTHY & SAFETY: We are committed to keeping our students and staff safe. EIS will be following CDC recommended guidelines, including social distancing, daily temperature checks, and wearing a mask.

For more information, or to register, please visit eisca.org/register.

BE A FRIEND, TELL A FRIEND

Please let other families know about our programs! Refer any interested families to our website eisca.org.



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