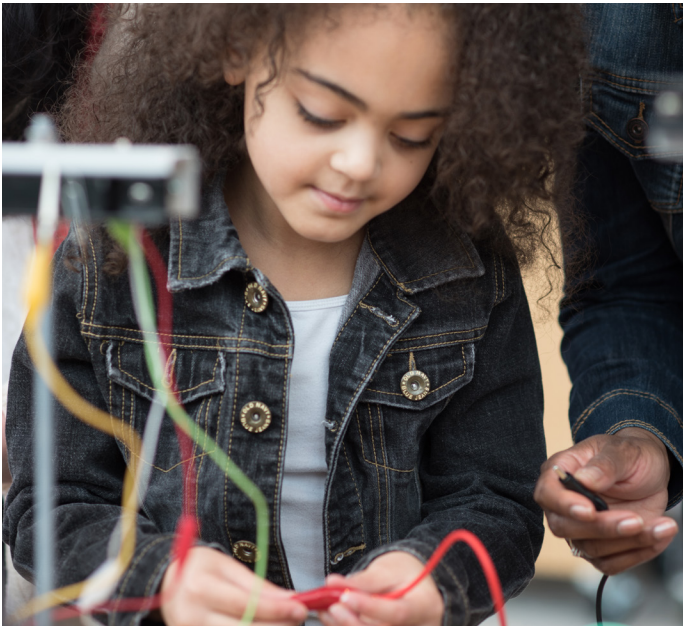


FIELD TRIP EXPERIENCES

EXPLORATION LABS

Join a Pacific Science Center educator for a guided, hands-on experience. All of our Exploration Labs encourage students to use the science and engineering practices highlighted in the Next Generation Science Standards. Students will apply critical thinking and observation to dive deeper into a content area of your choice. Content is tailored to the grade level of students participating.



Engineer

Tackle a not-so-classic design-build challenge. Use household materials in unexpected ways to engineer a solution. **55 minutes. Grades K-8**

Designer

Take a look at the world through another's eyes. Identify a problem, work through a user-centered design process, and leave with a prototype solution. **55 minutes. Grades 3-8**

Inventor

For those who are looking for more of a 'tech' focus. Get your hands on some fun tools and invent your own masterpiece. Suitable for groups of 12 or fewer students. **55 minutes. Grades 5-8**

Insects

Explore the miniature world of insects! Get hands-on with mealworms to explore an insect's life cycle. Work together to observe characteristics of different insects and discover some of the defense mechanisms that help insects adapt to their environments.

40 minutes. Grades K-8

Heredity

Use a model to explore how traits are passed from one generation to the next. Observe patterns of inheritance and discuss ways in which adaptations may occur.

40 minutes. Grades 6-12

Brain

Explore the importance of our five senses! Take a close look at a neuron and discuss how messages are sent to and from the brain. Tackle hands-on challenges to discover how different sensory receptors work to keep your brain informed. Plus, check out a real sheep brain!

40 minutes. Grades 3-8



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