

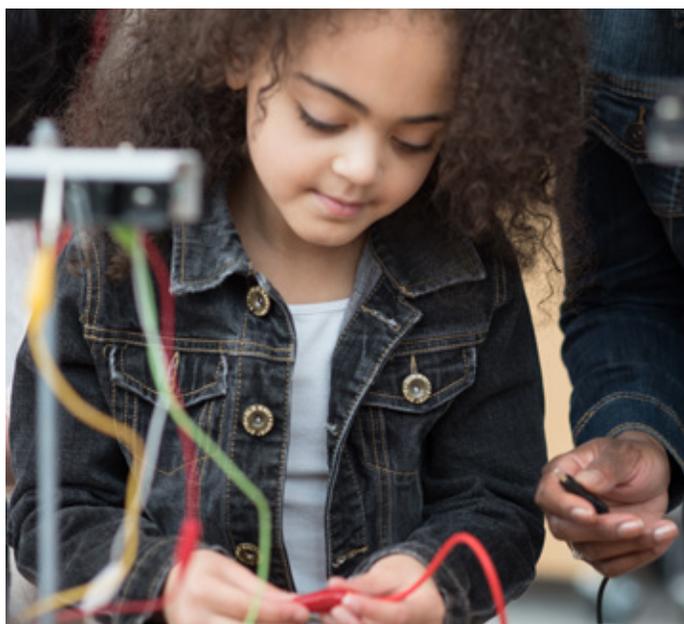
FIELD TRIP EXPERIENCES

# EXPLORATION LABS

A new opportunity for the  
2017–2018 school year!

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 participating students.

Below is just a sample of our offerings. Exploration Labs are available September–February. For an up-to-date listing, and information about our spring programs, visit our website or call **(206) 443-2925**.



## Tinker Lab: Inventors

Dive into the world of invention! We will tinker with everyday objects and use mathematical and computational thinking to design solutions for fun, zany challenges.

**55 minutes. Grades 2–6**

## Tinker Lab: Engineers

Build and tinker with everyday supplies to tackle some classic engineering challenges. Using mathematical and computational thinking, students will work through the design process: creating, prototyping and iterating on their ideas. We will generate and analyze data from our investigations while solving some fun, real-world engineering problems.

**75 minutes. Grades 6–12**

## Inquiry Lab: Insects

Explore the miniature world of insects! Use observation and hands-on activities to discover amazing explanations for insect characteristics. Work together to explore what makes this group of animals so uniquely adapted to their environments.

**40 minutes. Grades K–8**

## Inquiry Lab: Human Body – Genetics

Available October 2017

What makes us human? Learn how DNA and genetics work to make you who you are. Extract DNA from a strawberry, build DNA models, and discover how genetic traits are passed on to future generations.

**40 minutes. Grades 6–12**

## Inquiry Lab: Human Body – The Brain

How do we experience the world? Explore the nervous system and discover how our brains process information. Look at a sheep brain to identify the different parts of the brain. Take a memory challenge and use your five senses to discover more about this amazing system!

**40 minutes. Grades 6–12**



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