



Kindergarten—Grade 2 Field Trips

New York State P-12 Science Learning Standards are listed at the end of each program offering, where applicable

Planetarium Shows

Earth's Wild Ride (Grade 2)

Explore the Earth as you've never done before -- as observed by a fictional family relocated on the Moon! Discover crashing asteroids, erupting volcanoes, roaring dinosaurs, electrifying lightning and booming thunder. See eclipses, the ice age, Earth's water cycle and the differences between the Earth and Moon on a roller-coaster-like ride through canyons of raging rivers and hot flowing lava. Includes a live segment about the current seasonal sky. *Produced in collaboration with Rice University, through NASA's Immersive Earth Project.*

45 minutes, 60 people maximum (including chaperones) , K-ESS2-1, K-ESS3-2, 1-ESS1-1, 1-ESS1-2, 2-ESS2-2

One World, One Sky: Big Bird's Adventure

Big Bird, Elmo and their friend from China, Hu Hu Zhu, take viewers on a journey of discovery to learn about the Big Dipper, the North Star, the Sun, and the Moon.

30 minutes, 60 people maximum (including chaperones), K-PS3-1, 1-ESS1-1

Cosmic Wonders

This live program highlights the seasonal night sky, including constellations, planets, and the moon. Tell us what you are studying! We will emphasize specific topics such as constellation mythology or the solar system.

45 minutes, 60 people maximum (including chaperones), 1-PS4-2, 1-ESS1-1

Hands-on Science Explorations

Dinosaur Discovery

Explore the prehistoric world, examine fossil formation, learn the keys to dinosaur identification, and discover the fate of the dinosaurs. Throughout the program students will investigate real fossils and test their knowledge of dinosaurs, reptiles, and other prehistoric animals. Trip Tip: Pair with Earth's Wild Ride Planetarium Show.

45 minutes, 25 students maximum , K-LS1-1

Insect Invasion

What makes a butterfly an insect? Discover the amazing diversity of insects through this hands-on exploration. Students create an insect that represents basic insect biology, including their adaptive color schemes.

45 minutes, 25 students maximum, K-LS1-1

Little Scientist

Our exhibits and collections feature work of scientists from yesterday and today. Transform yourself into a scientist and discover how scientists work. Use tools a scientist uses. Conduct a simple experiment in chromatography, and take home the colorful results.

45 minutes, 25 students maximum, 2-PS1-1

Hands-on Science Explorations (continued)

Little Wonders of Science: My Five Senses

Investigate the five senses! Children journey through various hands-on stations with manipulatives like scented balloons and mystery boxes.

45 minutes, 25 students maximum, 2-PS1-1, Complements Common Core Engage NY Grade K: D2

Little Wonders of Science: Rosie Revere, Engineer

Meet Rosie, a brilliant engineer who builds wonderful gadgets and gizmos in this award-winning, New York Times Best Seller. Learn how “you only fail if you quit”, build a flying machine and test if your Lego structure can withstand the shake table!

45 minutes, 25 students maximum, K-PS2-1, 2-PS1-3, K-2-ETS1-2

Spinning in Space

Explore our place in space. Learn about Earth and its relation to other bodies in the solar system. Discover, through kinesthetic activities, the movement of the Earth, Moon and Sun system and how this causes common phenomenon such as day and night and shadows.

45 minutes, 25 students maximum, 1-ESS1-1 , Complements Common Core Engage NY Grade 1: D6

Interactive Science Demos

Dry Ice

Explore the states of matter and sublimation with the fun and excitement of dry ice.

30 minutes, 30 students maximum, K-PS1-1

Nanotechnology

Explore the everyday applications of nanotechnology and find out just how small nano really is.

30 minutes, 30 students maximum, 2-PS1-1, 2-PS1-2