



El Paso Science Center, Inc.

Facilitated Science Programs

For Outreach or Onsite Experiences

FAQ Responses:

- All programs are adjustable to accommodate time and logistical constraints.
- We ask leaders to book experiences at least 2 weeks in advance; we may be able to schedule programs with less than two weeks with a 'late booking' fee.
- The first offsite program cost starts at \$125 for the first lesson and each additional lesson starts at \$50.
- The fees apply to schools within 20 miles of Insights. A mileage and time fee applies for each mile over.
- Groups with more than 30 students may also require additional fees.
- When offered onsite in our classroom – the initial fee is \$50 less than listed.
- Programs with more expensive materials have small additional fees tagged on to make sure we can have a class set of the required items.

Adaptation in Action: **\$125/50** **1.5 hours** **Biology; Organisms & Environments; Env. Systems**

This lesson demonstrates to students how the environmental forces act on fauna and lead to morphological changes over time. Students work in groups to participate in the interactive lesson that requires them to form hypotheses, collect their own data, and analyze evidence as they see their edible research subjects (M&M's) change from generation to generation. This program helps teachers dispel one of the most common misconceptions that lead students to score low on standardized tests across the country because it is fun, memorable, and effective.

Amusement Park Science **\$175+** **2.0-2.5 hours** **Force in Motion, Matter and Energy; Physics**

Meet an Insights instructor at one of our local amusement parks (season dependent) to have your group (30 max at a time) study the forces behind many of the rides. In addition, students will study Kinetic and Potential Energy, Acceleration, centrifugal force, electric circuitry, and more all while making science memories that will last for decades.

Coming Soon

Cosmos in the Classroom **\$175/75** **1.5 hours** **Grades K-12; Astronomy, Earth and Space**

We'll bring an exhibit to you so your students can crawl into our StarLab and study our solar system and beyond in 360° of stimulating science opportunity. The StarLab requires at least 20x20 space to set up and operate, and it is ideal we also have room outside of the inflatable exhibit to help educate the participants. We will also learn about the depth of our solar system through an interactive planet modeling system. Teachers can also request to add on our lunar phases activity.

Call us at **915.534.0000** and ask for Outreach Programs
Mailing Address: P.O. Box 9248, El Paso, TX 79995
Location: 521 Tays Street, El Paso, TX 79901

www.insightse Paso.org

Dino Trackways Tour **\$15/person** **2-3 hours** **All grades (Earth and Space, Bio, Organisms & Env.)**

Join one of our Dino Docents for a personal tour of the Dinosaur Trackways near Sunland Park. We have trails with various footprints from the Cretaceous Period that students can see, explore and marvel over. They can also visit a fossil bed as well as the massive trackways where it looks as though a herd passed through. We ask leaders to specify their interest area so we can cater the tour to your groups' interests. Participants must be able to hike, wear close-toed shoes, bring sun protection, and have plenty of water.



Kitchen Science **\$125/50** **1 hour** **Grades 2-3, 4-5; Chemistry & Physics**

In this programs, participants use everyday household items to explore basic science concepts such as chemical interactions, states of matter, force, and energy. This program can be scaled up to address more complex topics such as lipids and carbohydrates as well as chemical reaction equations and byproducts. By the end of the program, participants will surely be eager to go home and try more kitchen science with the resources we provide as guidance.

MASSive Science **\$160/75** **1.5 hours** **Matter and Energy, Physics**

In this program, students explore the properties of elements on the periodic table while playing with tools that help to illustrate those concepts. For example, does air have mass? Our series of small experiments help students to re-conceptualize the world around them as small particles making up larger components. Participants in this program will be saying "ooh, aah" and laughing their way through the lessons. Once they begin to understand mass, we move onto buoyancy, where students will hypothesize as a class what makes something float while testing those conjectures. Finally, students will build a foil boat to test their understanding of buoyancy, density and mass.

Who Dunit?! **\$150/75** **1.5 hours** **Grades 4-5, 6-7 Organisms & the Environment, Biology**

Students step into a crime scene mystery and must use their science skills (observation, hypothesizing, researching, analyzing, and discussing) to convince the judge that they have found the culprit. This lesson incorporates forensic science subfields including ridgeology (fingerprinting) and entomology into the search for the answer. Participants may never look at one of their peers – or the world around them - in the same way again!

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