

Spark Science Center Education Experiences

Field Trips

STANDARD

- 90-minute field trip which includes admission to the Exhibit Halls and Innovation Park
- Student-led activities (scavenger hunt or BINGO card) are available upon request

PREMIUM

- 2.5-hour field trip which includes admission to the Exhibit Halls/Innovation Park AND a hands-on science class
- Classes are aligned with state standards and designed for specific grade levels



Field Trip Guidelines

Standard Price= \$5 per person
Premium Price= \$6 per person

1 Teacher/Staff Member per 15 students

Trip Times:
Standard= 9 am, 10:30 am
Premium= 9 am, 11:30 am

Class size maximum = 80 students
Class size minimum = 15 students

Science in a Suitcase

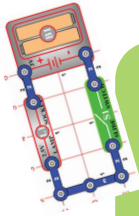
Science in a Suitcase brings STEAM to your classroom! This educational outreach program provides teachers with hands-on materials that will connect students to science, technology, engineering, art, and math in a very real and engaging way. Supplement your curriculum with a variety of materials, including models, games, professional tools, and hands-on activities. This is a growing resource, so continue to check The Grace Museum's website for new cases!

For additional information or questions, please contact the
the Science Director at sciencedirector@thegracemuseum.org



Premium Field Trip Classes

Grades 3-5



SNAP On, SNAP Off

Students will participate in a hands-on exploration of electrical circuits. Utilizing SNAP Circuits, they will collaborate in teams to complete challenge cards that reinforce their understanding of circuit components and configurations.

STANDARDS: 4.8 C; 5.8 B,C

Puff Mobiles

Students use the engineering design process to discover how equal and unequal forces act on an object causing patterns of motion and transfer of energy.

STANDARDS: 4.7; 5.7 A,B



What's Beneath My Feet?

Students will investigate the causes of rapid and slow changes to Earth's surface through hands-on activities and exploration of natural processes such as weathering, erosion, and deposition.

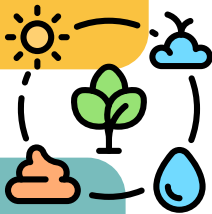
STANDARDS: 3.10 C; 4.10 B; 5.10 C



Nature's Network

Students will observe how plants and animals interact with living and nonliving parts of a healthy ecosystem. Through building a forest ecosystem model, they will investigate how matter cycles between organisms and the environment.

STANDARDS: 5.12 A; 5.13 A



Sizing up the Solar System

*Students will investigate the vastness of our solar system by creating scale models that compare both the sizes of the planets and the distances between them. Through this hands-on challenge, students will develop a deeper understanding of the immense scale of space and the relationships among objects in our solar system.

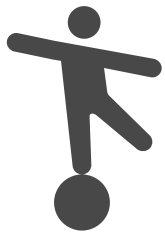
STANDARDS: 3.9A,B; 5.9A

*The NASA Hubble Exhibit
will be on display March
2027-May 2027



Premium Field Trip Classes

Grades K-2nd



Forces in Action

Students will spark curiosity as they investigate interactive science stations that demonstrate how forces cause motion and change in everyday life.

STANDARDS: K.7 ; 1.7 A, B; 2.7 B

Feel the Heat

Students will investigate the insulating and conducting properties of different materials through the hands-on activity, where they test a variety of materials to determine which would make the best insulator.

STANDARDS: K.6; 1.6A; 2.6 A,B



Clues From The Past



Students will investigate the rock cycle, the properties of different rocks, and how fossils form through hands-on exploration and observation, discovering how Earth's processes shape rocks and preserve evidence of the past.

STANDARDS: K.10; 1.10 B; 2.10 A,C

Wonder Webs

Students will review animal adaptations and survival strategies by creating a "creature catcher" using weaving skills. Through this hands-on activity, they will explore how adaptations help organisms survive in their environments.

STANDARDS: K.13 B; 1.13 B; 2.13 C



Around and Around They Go



*Through modeling and observation, students will develop a deeper understanding of the relationships between the Earth, Moon, and Sun by creating a model that demonstrates Earth's two main movements—rotation and revolution. They will also participate in a hands-on Moon Phases in a Cup activity to explore how the Moon's appearance changes throughout its orbit.

STANDARDS: K.9 A; 1.9; 2.9

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