

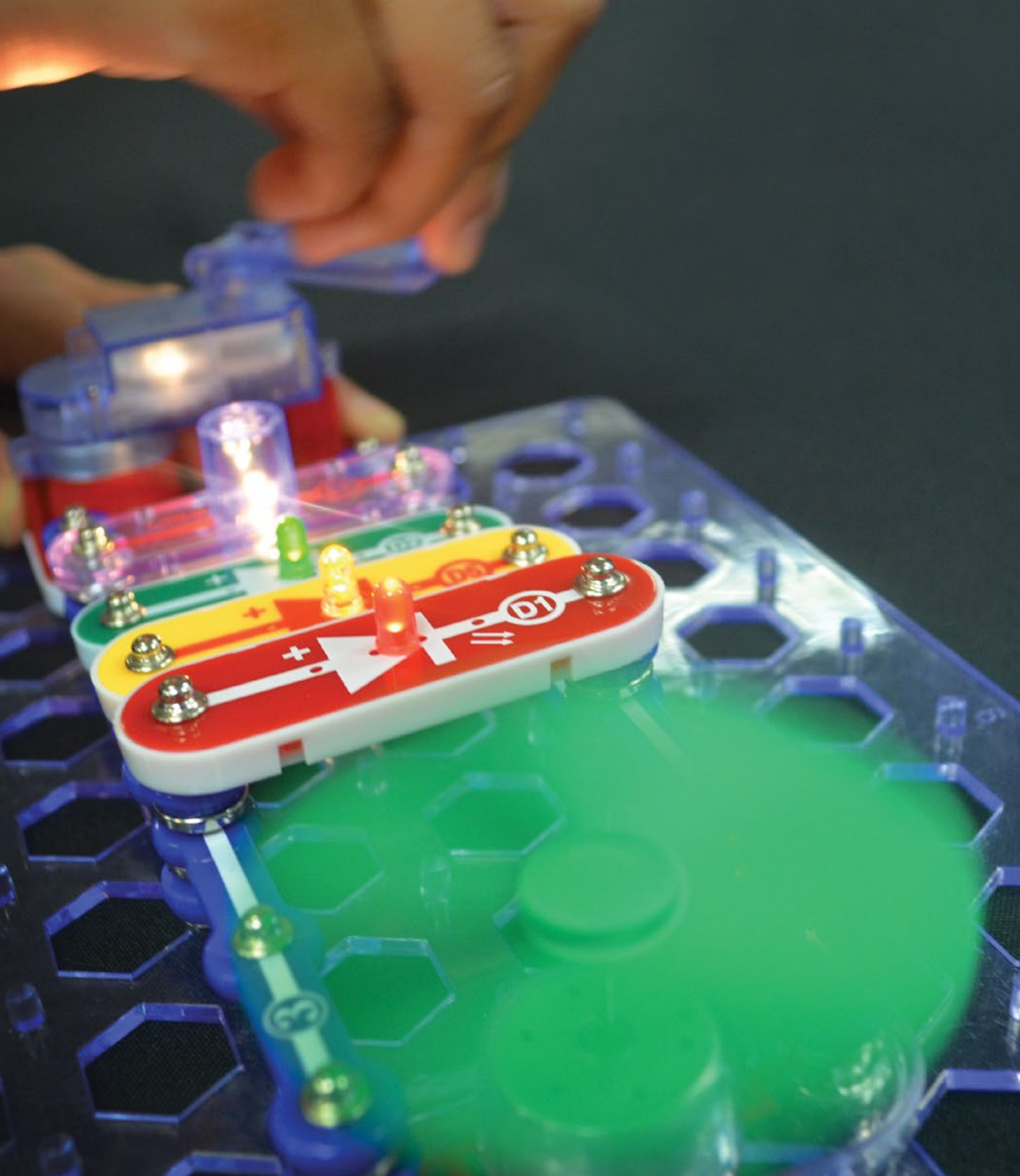
OUTREACH



The Patricia and Phillip Frost Museum of Science is on the move!

Our outreach program brings hands-on learning directly to schools, libraries, aftercare centers, scout troops and community events.

Whether it's exploring space, changing the color of fire, finding fossils or engineering a roller coaster, each experience inspires the audience to investigate our world through the power of science.



Outreach Programs include:

- ✓ STEM-focused, NGSSS-aligned curriculum (standards available upon request per grade)
- ✓ up to five 45-minute sessions of the same theme each day
- ✓ all hands-on activities and supplies needed for each program
- ✓ two trained content facilitators to bring your outreach experience to life

Program Rates

GROUP DEMONSTRATIONS

\$350 for the first 45-minute program
\$250 for each additional program of the same theme per day

CLASSROOM LABS

\$250 for the first 45-minute program
\$150 for each additional program of the same theme per day

GROUP DEMONSTRATIONS

Our group demonstrations, designed to engage up to 250 individuals per session, can take place in auditoriums, gymnasiums, cafeterias or libraries.

PROGRAMS	GRADE	BIG IDEAS	THEME	ACTIVITY
Magic Science	PRE-K-12TH	1, 8, 9, 10	Chemical Reactions	Apply scientific reasoning to uncover the mysteries behind awe-inspiring “tricks” using dry ice, a superabsorbent polymer, pH solutions and fire rainbows.
Freeze-It!	PRE-K-12TH	1, 8, 9, 11	Physical Reactions	Everyday objects such as balloons and flowers shatter, explode or strengthen as we explore the freezing effects of liquid nitrogen at -320°F!

CLASSROOM LABS

Our classroom labs offer focused interactions for up to 35 individuals.

PROGRAMS	GRADE	BIG IDEAS	THEME	ACTIVITY
Fossil Finders	PRE-K-8TH	1, 6, 8, 15	Geology	Dig beneath the surface! Sift through sand to discover a variety of fossils and learn what they tell us about our planet.
Gross Bodies	PRE-K-8TH	1, 14, 17	Health	Cough, sneeze, gesundheit! Make fake scabs and mucus to learn how our bodies protect themselves.
Build-a-Coaster	3RD-12TH	10, 11, 13	Engineering	Hold on tight! Work in teams to engineer a roller coaster with only foam, tape, marbles and physics.
Comet Construction	3RD-12TH	5, 6, 8	Astronomy	Create your own comet! Construct baseball-sized comets using dry ice and everyday materials to learn about the physical properties of objects in space.
Power the Future	3RD-12TH	6, 10, 11, 17	Energy	Make it green! Power lights, buzzers, LEDs and motors using renewable energy resources such as handcranks.
Undercover Squids	3RD-12TH	15, 16, 17	Marine Biology	Dive down deep! Dissect a squid, identifying anatomical elements that make the cephalopod unique and help it survive.

NEW FOR 2016!

FROST SCIENCE PORTABLE PLANETARIUM

Explore the cosmos as you step inside the Frost Science Portable Planetarium. Learn about different celestial objects and what they are made of, the story behind constellations and how the Earth and other planets move throughout our solar system.

The indoor-only, inflatable dome has a 35-person capacity and can be used in auditoriums, gymnasiums, cafeterias, media centers and libraries with an uncompromised space of 20' x 20' x 20'.

BIG IDEAS: 2, 5

PROGRAM RATE:

\$350 for the first 45-minute program

\$250 for each additional program

The Frost Science Portable Planetarium is sponsored by the Green Family Foundation.

FAMILY SCIENCE NIGHT

Celebrate STEM education with our new Family Science Night program—the perfect way to blend science and excitement. The three-hour program is flexible enough to engage the whole family, leading to a spirited evening of interactive experiences that spark wonderment and science learning. Family Science Night engages up to 250 individuals and can take place in auditoriums, gymnasiums, cafeterias or libraries.

Your program itinerary includes:

- ✓ two Classroom Labs (of your choosing)
- ✓ one Family Engagement Activity
- ✓ one Group Demonstration (of your choosing)

PROGRAM RATE:

\$600 for three hours of programming, including a team of Frost Science content facilitators

To book your outreach experience, please contact:
outreach@frostsscience.org
305-434-9564

To book online please visit:
frostsscience.org/outreach

PATRICIA & PHILLIP FROST MUSEUM OF SCIENCE

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The Patricia and Phillip Frost Museum of Science is supported by the Miami-Dade County Department of Cultural Affairs and the Cultural Affairs Council, the Miami-Dade County Mayor and Board of County Commissioners of Miami-Dade County. This project is supported by the Building Better Communities Bond Program and the City of Miami. Sponsored in part by the State of Florida, Department of State, Division of Cultural Affairs, and the Florida Council on Arts and Culture. The museum is accredited by the American Alliance of Museums, is an affiliate of the Smithsonian Institution and a member of the Association of Science and Technology Centers. Frost Science is an accessible facility. All contents ©Patricia and Phillip Frost Museum of Science. All rights reserved.