



FALL 2025 TRAVELING SCIENCE PROGRAMS

CLASSROOM PROGRAMS

Classroom Programs are designed to encourage your students to think like and aspire to be future scientists.

- Base rate covers up to 25 students.
- Programs are 45-60 minutes long.

**SINGLE-DAY
MULTIPLE-DAY
SEMESTER-LONG
SUMMER
EXPERIENCES**



Pre-K Programs

Wee Engineers

\$275 per session

Four sessions available

Empower your preschoolers to discover their inner problem-solvers! Engage with hands-on challenges that use familiar materials in creative ways. Explore science concepts like forces of nature, loud and soft noises, and balance and motion. Become an expert engineer by looking closely at the world around you and figuring out how to make it better.

Note: This program was designed by the Museum of Science

K-2 Programs

Eco Explorers

\$275 per session

Five sessions available

Plants and animals need your help to keep their environment clean! Engage in hands-on activities to learn the art of reducing, reusing, and recycling in a fun and accessible way. Work with your friends to engineer and design reach tools and compost bins to help clean and restore our local habitats.

The Secret Life of Seeds

\$275 per session

Six sessions available

There's a wild and wonderful world right outside your window, waiting to be discovered. Dive deeply into understanding how plants depend on animals and their environments to survive. Work with your friends to build a model to determine how animals help disperse seeds. Put your designs to the test through our brand new animal obstacle course and take home seeds you can plant in your yard or local park!

Bubble Bonanza: Engineering

Bubble Wands

\$275 per session

Six sessions available

Become a professional bubble-ologist! Create your own unique bubble solution and engineer bubble wands of different shapes, sizes, and materials. How do you think this will change how your bubble looks or behaves? Bubble-ologists will apply what they learned to create a bubble show performed for their friends!

Note: This program was designed by the Museum of Science

3-5 Programs

Paws of Attraction

\$275 per session

Six sessions available

The dog shelter needs our help! We'll create doors that let the dogs in...and keep other critters out. Using magnets in their designs, students will explore attraction, repulsion, and relative strength. This workshop combines physics, the engineering design process, problem-solving, and peer collaboration.

Note: Based on Engineering Magnetic Dog Doors developed by Youth Engineering Solutions/Museum of Science, Boston

Music to My Ears: An Acoustical Engineering Challenge

\$275 per session

Six sessions available

Can you hear me now? Get ready to become the sound engineer for a new and upcoming artist, YOU! Figure out how sound works through a series of hands-on experiments. Build instruments and amphitheatres to amplify your music. Head to the recording studio to combine your knowledge and creativity to put on the best show ever!

Note: This program was designed by the Museum of Science.

Career Pathways: Be A Space Scientist

\$325 per session

Six sessions available

Do you want to be a space scientist? Through this program, step into the shoes of five different careers in the world of space science and start your journey to discovering your career pathway. You will design a rover's arm to scoop up soil and rocks, observe soil samples and discover if it contains something alive, design a rocket to fly as far as possible, study the surface of Mars to plan where future astronauts might go, and design a spacesuit that protects astronauts from radiation and micrometeoroids!

Note: This program was designed by the Franklin Institute through the GSK Science in the Summer Program

Career Pathways: Be a Health Scientist

\$325 per session

Five sessions available

Only available after September 17

Interested in becoming a healthcare professional? Explore five unique careers in the world of healthcare all while enhancing your ability to think like a scientist and engineer. You will create an exercise plan for members of a soccer team, design a tool to clear blocked arteries, investigate vitamin C content in common beverages, use a model to explore and prevent the spread of disease, and test a stabilization device for a broken bone!

Note: This program was designed by the Franklin Institute through the GSK Science in the Summer Program

6-12 Programs

Medical Mystery

\$285 per session

Six sessions available

Nina needs your help! Nina, a local 15-year-old, is having some mysterious symptoms. Take on the role of a physician as you analyze patient charts, experiment with our synthetic human body, order tests, and dissect organs to figure out her diagnosis!

Note: This program was co-developed with Physicians and Staff from Lehigh Valley Health Network

Picture An Eclipse

\$285 per session

Six sessions available

Inspire out-of-this world creativity while you use the artistic lens of photography to figure out how eclipses work. Develop a model of the solar system while you answer questions like, "What are eclipses, why do they happen, and how can I see one?" Prepare to celebrate and capture these awe-inspiring, life-changing events happening in your neighborhood!

Apex Innovators

\$285 per session

Six sessions available

Got problems? Take a bite out of 'em! Combining innovation, curiosity, and creativity, we'll dive into invention and get our heads swimming with ideas. Turn your idea into a fin-tastic prototype to test and refine. Then be prepared to pitch your prototype to your friends! After hearing the pitches, your friends will have the chance to 'invest' in the most delicious inventions. Jump into our business tank and swim with the sharks...if you dare!

Kinetic Sculptures

\$285 per session

Six sessions available

Experience Da Vinci-style curiosity as we create beautiful, interactive, moving masterpieces using Hummingbird Bit Kits! Bring your sculptures to life by combining your knowledge of block coding and robotics with creativity and artistic expression. Learn about other kinetic art and the engineering-artists who created them. Impress yourself and your friends with your final creation!

Artemis Water Challenge

\$285 per session

Six sessions available

Artemis Water Challenge is an active, real-world focused STEAM program designed for middle school students, concentrating on how we find, use, and recycle water on the Moon. NASA's Artemis mission is bringing astronauts, including the first woman, back to the Moon for the first time since 1972. Students explore astronomy and engineering while building problem-solving and collaboration skills as they work on an ambitious project: reusing water in an extreme lunar environment. It's a perfect way to bring space science to life in the classroom and spark interest in future STEAM careers. Based on *Water in Extreme Environments* by PLANETS.



**DISTRICT
CONNECT**

DID YOU KNOW?

You can save on traveling science programs for your whole school district with a District Connect Membership!

Join today to receive district-wide discounts on traveling science programs, field trips, professional development, and science center admission.

davincisciencecenter.org/districtconnect

TRAVELING SCIENCE SHOWS

Traveling Science Shows add fun and standards-based content to create memorable experiences for you and your students!



- **Assembly-style shows encourage participation**
- **Bring science to life through a variety of exciting and engaging topics**
- **Great additions to science celebrations, community events, and field days**
- **Base rate covers up to 150 students**
- **Programs are 45-60 minutes long**

\$495 per program

**Additional program
starting at \$250***

**Must be same topic,
date, and place*

K-8

Mixing Matter
Available All Year
Five sessions available

This show introduces students to some truly amazing chemical concepts. In the first half, students learn the basics of chemical reactions. Exploding soap monsters and experiments with fire demonstrate the awesome potentials of mixing matter. The second half highlights the superCOOL side of chemistry as students explore the properties of liquid nitrogen.

4-12

Shocking Discoveries
Available in Fall/Winter Only
Five sessions available

This show is all about electricity. It begins with a discussion about one of the most prevalent types of electricity in the world – static electricity. Students learn that static is much more than just an annoying shock they can experience on a dry winter day; it can make their hair stand on end, levitate objects, and even produce indoor lightning. Students will be amazed when they are able to illuminate a fluorescent bulb in the palm of their hand.

4-12

Use The Force
Available All Year
Five sessions available

Students review Newton's three laws of motion in fun ways. Featured experiments include debunking the magicians' tablecloth trick and breaking a board in half – with a volunteer's hand (no karate training necessary).



SCIENCE CELEBRATIONS

Science Celebrations bring science to life by providing your guests with exciting hands-on activity stations.

- **Two hours included in base rate**
- **Two STEAM Team educators to facilitate activities with guests**
- **At least two (2) volunteers from the school/organization are required**
- **Two (2) 6-ft. tables per activity station required from school or organization**
- **Additional Stations: \$100 per station**
- **Additional Hours: \$100 per hour**
- **Custom Activity Fee: \$255**
- **Maximum of five stations**
- **SynDaver Appearance Add-on: \$500**

K-6

STEAM Fest Science Celebration
\$750

Encourage a sense of play, experimentation, and wonder with the Da Vinci Science Center! Investigate size and quantity through fun, hands-on station activities. Use materials in ways you never have before to complete a photography challenge and even create your own musical instrument!

Activities:

- **Perspective Photography:** Play with scales and proportions in photography challenges to make objects appear to be different sizes based on how close or far away from the camera they are.
- **Scale It Down:** Use MathLink® cubes as standardized units of measurement to make your own measurement of how big different buildings and structures are compared to how tall you are! Make scaled down models of sights you may see at a festival.
- **Balancing Act:** Use balancing scales to help a performer come up with the perfect assortment of objects to balance for their balancing act.
- **Musical Proportions:** Explore the science of how simple pipes can make different sounds with Joia Tubes™ and use what you learn to challenge yourself to make your own pipe instrument!

6-12

Space Fest Science Celebration
\$850

With Da Vinci Science Center, exploring space is out of this world! Use a real telescope and discover the Earth's size and place among the planets. Fun, hands-on activity stations take future cosmic adventurers on a tour through our solar system.

Healthcare Science Celebration
\$1350

Become a healthcare hero for the day! Use scientific thinking to make a diagnosis, explore the cardiovascular system with our SynDaver, and create fond memories bringing medicine to life!

- **Vital Signs:** Discover how to take vital signs and compare them to a fake patient's to determine what health concerns she may have.
- **Heart Dissection:** Connect structure with function by investigating the exterior and interior anatomy of the heart.
- **Lung Microscopy:** Analyze the effects of vaping on a macroscopic and microscopic scale by comparing a smoker's lungs with a non-smoker's lungs.
- **SynDaver Respiratory Dissection:** Explore how the respiratory and cardiovascular systems are connected using our life-sized synthetic human body.



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TRAVELING SCIENCE PROGRAMS



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