



REAL
SCIENTISTS +
HANDS-ON
STEM

SCIENCE FROM SCIENTISTS®

STEM Discovery Days

STEM Discovery Days are an opportunity for your school to experience award-winning Science from Scientists programming for a **single day**. Choose from more than one hundred hands-on, minds-on STEM lessons for students in grades 2–8. All lessons are student-centered, standards-aligned and **taught by real scientists and engineers**.

This program benefits schools by increasing student confidence and interest in STEM, inspiring teachers to see how fun and impactful science learning can be for their students, filling curriculum gaps, and providing on-campus field trip alternatives.

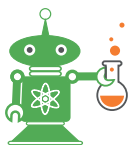
1-Day Program Overview

- Single-day programming (select as few or as many days as you like!)*
- Real scientists join individual classrooms to teach lessons to students in grades 2–8
- All materials for hands-on learning provided
- Choose from over 100 lessons in our extensive standards-aligned library
- Lessons can range from 40–60 minutes to best fit your class schedule
- Virtual options available for schools outside our service area
- Extension resources provided

*Longer term full year and half year biweekly programming available.

Program Cost

Pricing is based on the number of visits and classrooms. Our team can work with your school or district to help secure funding, as needed. For more information, email info@sciencefromscientists.org.



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Lesson Highlights

Our extensive science lesson library makes it easy for schools to engage students in materials-rich, hands-on science and engineering experiences. Below are examples of some of the lessons we offer.



Anatomy and Physiology Highlights

Students extract strawberry DNA, dissect a frog (or an eyeball), or experiment with neural pathway development in motor learning using bean bags and a little target practice.

Chemistry Highlights

Students explore the states of matter using dry ice, create their own pH scale to understand acids and bases, or identify a mystery substance using analytical chemistry.

Earth Science Highlights

Students excavate fossils as paleontologists, model our solar system to understand the scale of space as astronomers, or demonstrate the rain shadow effect with a mini-mountain as geologists.

Engineering Highlights

Students create Rube Goldberg devices using simple machines, engineer with Legos to design and improve their own bookshelf models, or prototype solutions to solve the problem of beach erosion.

Life Science Highlights

Students play the role of predators to experience the benefits of camouflage, dissect owl pellets to discover owls' role in the ecosystem, or race their classmates to gather the resources they need to photosynthesize and grow the tallest!

Physics Highlights

Students build circuits to test conductivity of common materials, observe how light interacts with various objects, and investigate thermal properties of different materials in order to design an insulating coffee mug.

Scientific Practices Highlights

Students attempt to replicate the external behavior of an unknown system, or demonstrate their observation skills by describing a mystery object using qualitative and quantitative clues.

Technology Highlights

Students write conditional statements to guide a robot to explore Mars' landscape, spy on social media posts to advertise movies (and learn about the dangers of social media), or discover how complicated it really is to recycle that old broken phone.

“SciSci opened many of my students’ eyes to new opportunities and allowed them to see themselves and people like them who are scientists. It also showed career paths that follow these skills and gave them opportunities to be hands on in the basics of those fields.”