

Our STEMventures are learning focused, support science standards, and utilize research-based practices in order to provide elementary students with engaging and fun hands-on STEM experiences .

Why?

- Zero loss learning time.
- Save money on bussing - we come to you!
- Supplement your current science curriculum.
- Experiential learning can help students identify interests in STEM fields.



HOW IT WORKS...

1. Reach out! Call 610.816.5047 or email programs@scienceexplorers.com
2. Choose your topic(s). (On back!)
3. Schedule day & time.
(Plan at least 4-6 weeks in advance)
4. On the scheduled date our instructors will show up to have some STEM fun with your students!

Virtual options are available for schools that are far far away!





STEMventures Topics

SAVVY CIRCUITS



Determine what materials are considered conductors and insulators, then build a simple circuit to create your very own motorized invention.

SLIME TIME



You can never make enough of this stuff! We'll cross-link our way through non-Newtonian fluids as we make both fluffy and chalkboard slime.

EXTREME STORMS



Hang on tight as you explore extreme weather events. Create a model rain cloud, a thunder cup, and make a tornado in a bottle.

EVERBODY'S WATER



Learn about water pollution, how it gets there, and build a filter system to try and clean the water.

FANTASTIC FIZZ



Experiment with some fun, fizzing chemistry and determine what effects reaction rates. Use your findings to test how far film canister rockets will launch.

BUBBLE BLAST BONANZA



Explore the science behind bubbles and mix up a solution with a special water-holding property that makes long lasting, giant bubbles.

MATTER MONSTERS



We'll explore the states of matter as we mix up endothermic and exothermic chemical reactions and create a "monster" that goes through a major matter change before your eyes.

ART WITH A SPIN



Build your own spin art machine! You'll complete a circuit and demonstrate how energy is transformed to power your machine so you can create awesome art!

FOSSIL SAFARI



Become a paleontologist and travel back in time as you discover the amazing stories fossils can tell. Make your own cast fossil and identify marine fossils of animals that lived millions of years ago.

BLAST OFF



Explore Newton's Third Law of Motion as you design, build, and launch an air-powered rocket and a rocket that uses a chemical reaction to fly.

POLAR OPPOSITES



Conduct experiments to discover why oil & water don't mix, but they do create a bubbling mini lava lamp with the help of a CO₂ reaction.

READY, SET, SUMMER!



The perfect summer kickoff: experiment with the properties of sand, create your own bouncy balls, mix up sidewalk chalk and more!