



SCIENCE SURPRISE
STEM is EVERYWHERE

Winter 2025

Students will unbox the surprising world of science as they discover a new STEM topic in each class! In this program, Students learn about several specialized areas of science, including forensics, geology, meteorology, entomology, and mechanical engineering. They gain foundational science knowledge that will help them in their future science endeavors .

Bugs!

Students engross themselves in entomology! They inspect authentic insect specimens. They update their insect anatomy know-how and match up insects with their habitats.

Detective Science

Students play detective and help crack a case! They inspect fingerprints, mystery powders, ink samples, and teeth impressions. Then, they create a composite from memory.

Earthworks

Students dig into Earth Science! They uncover rock samples and discover how they formed. They inspect fluorescing minerals, model the moving plates that cause bends and breaks, and learn how sediment stacks.

Kitchen Chemistry

Students cook up a chemical reaction! They blow up a balloon using yeast and go on a nutrient hunt. They act out digestion from start to finish and get a glimpse of their guts in action.

Mad Machines

Students see how simple machines lighten their load! They launch with levers, secure with screws, and work with wedges. Then, they use pulleys to move heavy objects with ease.

Movie Effects

Students discover why science is the real star on the big screen. They create cool sound effects and toy with 3-D technology. They make motion pictures come alive and sketch a short feature.

Science of Toys

What makes toys work? Students learn about motorized toys and take a spin with kinetic tops. They balance a bird to reveal its center of gravity.

Walloping Weather

Students get weather wise and uncover the reason for seasons. They create three-day weather forecasts, stage a statically-charged indoor storm, and spot the sun's invisible UV rays.

Mad Science at Broad Brook
Sponsored by East Windsor Parks & Recreation

8 Weeks
Mondays

Dates: February 24 - April 21

No class on 4/14

Times: 3:45-4:45

Grades: K-4

Cost: \$164.00

Register: www.EastWindsorRec.com

A science related take home activity accompanies every class. Not all topics may be covered depending on length of program. Classes may not be presented in this order.

Mad Science of Western New England

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