



MAD LABS!

Fall 2020 Live Online - 8 Weekly Sessions

"Cell"ebration

Learn about the basic building blocks of living things! Discover different parts of a cell, what cells look like under a microscope & make your own cell model.



Optical Illusions

Children are introduced to the concepts of refraction, science of optics, and biology associated with sight. A wide variety of optical illusions like twisting coils, and convex and concave mirrors are used to demonstrate how physics can trick our eyes.



Lights, Color, Action

Enter the world of light & color. Exciting experiments with white light, color-wheel blending & prisms introduce Newton's color theory. Students also explore ultraviolet light & chromatography.

Walloping Weather

Children get weather-wise in this climate-controlled class! They discover why seasons exist, how air affects weather, and perform a test to prove that air is everywhere. Children create three-day weather forecasts for cities around the world and stage a statically charged indoor storm.

Starts week of 10/19 4:15-5:15; choose day Live, on-line & interactive using materials you have at home or you can easily acquire. Cool Mad Science take-homes provided with convenient pickup locations

Mad Science of Western New England
Phone: 413-584-7243 or 1-800-338-5711
afterschool@madsciencewne.com

Register & more info on our web site. Only \$119 for 8 Weekly Sessions

Movie Effects

An exciting introduction to the science behind movie's spectacular special effects and technology. Children learn the science applications in filmmaking, from the chemistry of movie snow, the art of making sound effects, to the optics of 3-D.

Earthworks

Students dig-in to Earth science! We examine rock samples to find out how they were made and where they were formed. Children inspect minerals with an ultraviolet light to see them fluoresce we look at model tectonic plates.



Bugs

Students are introduced to the world of entomology. Examining models will help get them familiar with insect anatomy. Children explore how insects adapt to their environment and defend themselves as well as how they pollinate plants.



Sonic Sounds

This class introduces the properties of sound waves. Ordinary objects are used to create a sound-effect symphony.

Register & more info on our web site.
Only \$119 for 8 Weekly Sessions



Celebrate with a virtual or in-person Mad Science party!

westnewengland.madscience.org