

# MAD Science: Youth Science Club



## Expedition: Energy

This hands-on Program explores the energy in Light, Sound, Electricity, and more. Students learn how they interpret, or mis-interpret, the world around them. They even use their own energy to explore the science of heat! Don't miss these hands-on activities, stunning demonstrations, and inquiry-based discussions!

### Watts-Up

Learn about electricity, its properties and its role in natural phenomena. Make indoor lightning while conducting hair-raising experiments with our electrostatic generator.

### Magnetic Magic

Investigate the powers and daily uses of magnets. Test for magnetic fields, and then demonstrate what you have learned with your own magnet lab.

### Optical Illusions

Build your own periscope while learning about optics, reflection and sight. Watch celebrity images change before your very eyes! Seeing is not always believing.

### Lights ... Color... Action!

Uncover the hidden components in ordinary light and build your own Newton's color wheel to prove it. Attend a spectacular chemical energy display!

### Sonic Sounds

Discover sound, sound waves and the way household items can be used to create amazing movie effects. Use our multi-effects processor to alter your voice with lots of cool special effects.

### Mission: Nutrition

Learn about nutrition & fitness while focusing on a healthy diet and lifestyle. Stimulate enthusiasm for personal health and cultivate a healthy attitude toward nutrition and fitness. Take home a Mad Science Step-o-Meter, a real pedometer!