

# ED·U·CATE

## /ˈɛjəˌkɑːt/

1. give intellectual, moral, and social instruction to (someone, especially a child), typically at a school or university.
2. the result of a Mad Science experience

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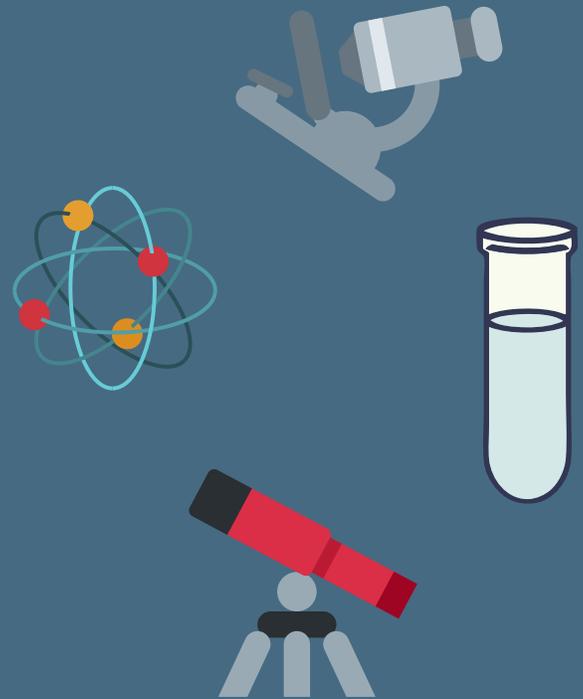
INTERACTIVE  
PROGRAMS  
DESIGNED TO

**Inspire**  
**Educate**  
**Amaze**



# MAD SCIENCE WORKSHOPS

Mad Science workshops reinforce the science concepts that teachers are implementing in their classroom in a fun and memorable way! Our programs give students a hands on learning experience that can be used as either a review or introduction to new material! We offer many options for each grade level including a special selection of EOG review sessions specially designed for 5th graders!



## 5TH GRADE EOG SERIES

### Exploring Ecosystems

*Understand the interdependence of plants and animals within their ecosystems. Dissect owl pellets to learn about animal adaptations, experiment with new eco-friendly discoveries, and build a Mad Science zoo as you learn about biomes*

### Body Works

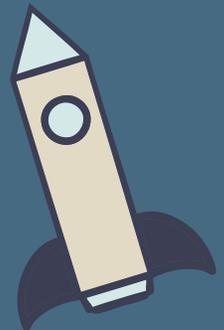
*Compare the major systems of the human body and learn how they perform functions necessary for life. Build a cell model, test blood samples, and take a closer look at how your body works!*

### Wild Weather

*Understand weather patterns and phenomena, making connections to the weather in a particular place and time. Create a pet cloud, have fun with some real meteorologist tools, and learn more about precipitation by making it SNOW!*

### Fun-damental Forces

*Understand force, motion and the relationship between them and how factors such as gravity, friction, and change in mass affect the motion of objects. Race rubber band cars and mini hover pucks, launch catapults and even take part in a high flying rocket launch!*



## What's the Matter

*Understand the interactions of matter and energy and the changes that occur. Put Newton's third law to the test, experiment with fun chemical reactions and even create your own ooey-goey polymer!*

## NRG

*Study the effects of the transfer of heat (either by direct contact or at a distance) that occurs between objects at different temperatures. -Learn the differences between conduction, convection and radiation as you experiment with hand boilers and supersaturated solutions!*

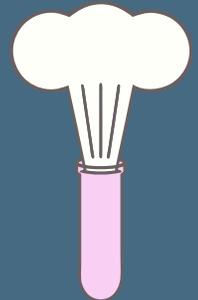
## 4TH GRADE SERIES

### Exploring Energy

*Study the basic forms of energy and their ability to cause motion or create change. Work in stations and experiment with circuits, laser mazes, and cool sound effects.*

### Magnetic Magic

*Learn how different forces affect the motion of an object and experiment with magnets and electricity. Play tug of war with a real electromagnet and even try our hair-raising static electricity generator!*



## 3RD GRADE SERIES

### It's Alive

*Understand the human body systems and how they are essential for life, protection, movement and support. Learn about bones and joints and even make your own pair of mega-pinchers!*

### States that Matter

*Study the structure and properties of matter before and after they undergo a change. Experiment with amazing bubbling potions, low melt metal, and even watch a can implode!*

## 2ND GRADE SERIES

### Sonic Sounds

*Understand the relationship between sound and vibrating objects. Learn how sound travels and then experiment in sound stations and transform your voice with our Mad Science voice modulator!*

### Matter Matters

*Understand the properties of solids and liquids and the changes they undergo. Experiment with amazing bubbling potions and dry ice as you learn all about the three states of matter!*



## 1ST GRADE SERIES

### In Solid with Earth

*Compare the properties of soil samples from different places and learn about the physical properties of earth materials, including rocks and minerals. Erupt a volcano, study cool rock samples and get the dirt on...dirt!*

### Astonishing Astronomy

*Recognize the features and patterns of the earth/moon/sun system as observed from Earth. Learn about our planets, asteroids, the moon and mix up a recipe for our Mad Science kitchen comet!*



## KINDERGARTEN SERIES

### Wacky Weather

*Understand change and the observable patterns of weather that occur from day to day and throughout the year. Learn about clouds, precipitation and even make it "snow" in the classroom*

### Proper Properties

*Understand how objects are described based on their physical properties and how they are used. Explore your senses and take our taste challenge, dare to reach into the box of mystery and experiment with diffraction glasses!*

## TALK TO US

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