



Sparking Imaginative Learning

Take home a COOL Mad Science experiment and topic summary card at each class !!

Science Explorers

Every Other Tuesday

Dates: 8/30/11-12/6/11
1/10/12-4/17/12

Time: 9:00 - 10:15

Grades: 4 years—1st grade

Location: Mad Science Lab

of Class Sessions: 2-8 class sessions

Cost: \$115 each session or
\$200 for both sessions

Session 1: Spark the imagination of your Little Einstein. Discover the power of water and the ocean through fun and interactive experiments. Learn to make healthy food choices and the wonders of the body through games and awesome demonstrations. Students will dig for dinosaurs, create a volcano, and see the world through the eyes of a bug. They will also investigate the power of air, explore outer space, and shoot off a rocket.

Session 2: Explore the rainbow of colors in the world, experiment with magnets, and use toys to investigate energy. Learn all about weather and create a rainstorm in the classroom! Students will play with polymers and discover what sink and floats.

Topics Include:

- Sea, Sand, & Surf
- Mad Mixyures
- Where's the Air
- Nutrition
- Space Frontiers
- Earthworks
- Bugs!
- Digging for Dinosaurs
- Magnificent Magnets
- Waterworks
- Color Lab
- Energy & Motion
- Human Body
- Weather Wonders
- Che-Mystery
- Dry Ice Capades

Crazy Science

Every Other Thursday

Dates: 9/1/11-12/8/11
1/12/12-4/19/12

Time: 9:00 - 10:15

Grades: 2nd-5th

Location: Mad Science Lab

of Class Sessions: 2-8 class sessions

Cost: \$115 each session or
\$200 for both sessions

Session 1: Explore Earth Science, weather phenomena and experiment with some kitchen chemistry! Uncover the vital role science plays in detective work, examine the science with popular toys and get a buzz out of the amazing world of insects!

Session 2: Become a scientist-in-training in this whirlwind program and explore the chemistry of everyday life! Learn to recognize chemical reactions and mix up a few reactive materials for some explosive results! Slide down the colorful pH scale and dip into the world of acids and bases! Make your own Mad Science slime concoction and manipulate matter in all of its three states!

Topics Include:

Session 1:

- Movie Effects
- Kitchen Chemistry
- Walloping Weather
- Detective Science
- Bugs!
- Science of Toys
- Earthworks
- Mad Science Machines

Session 2:

- Labworks
- Chem in a Flash
- Junior Reactors
- pH Phactor
- Slime Time
- Che-Mystery
- Dry Ice Capades
- Sticky Stuff

Middle School

1st Wednesday of the month

(No class January)

Dates: 9/7/11-3/7/12

Time: 10:00 - 11:30

Grades: 6th-8th

Location: Mad Science Lab

Number of Class Sessions: 6

Cost: \$95

DNA - This class introduces students to the basic concepts of molecular genetics. They will learn about the structure of DNA, and will perform DNA isolation and precipitation.

Heredity - Students will learn about the inheritance of traits, the principle of dominance, and how genotypes represent phenotype.

Electricity - Through hands-on activities, students gain a better understanding of electrical circuits and the elements of electricity.

Fun-damental Forces - Students investigate Sir Isaac Newton's Law of Inertia and the pushes and pulls that make the universe tick. Gravity, inertia, and centripetal force are key concepts they gather along the way.

Scientific Method - Introduces students to the common methodology used by scientists to formulate questions, make predictions, develop and perform experiments, collect and analyze data and draw conclusions.

Black & Blue Oceans - Students explore environmental issues relating to our water system. Through a hands-on approach students explore the effects of, and difficulties in cleaning up oil spills.

Payment Options:

* **EARLY BIRD DISCOUNT** - Pay in Full by 8/15 and pay only \$190 (Junior Science or Crazy Science) or \$85 (Middle School)

Due By	Junior Science or Crazy Science	Middle School Science
8/15/2011	\$50	\$25
10/15/2011	\$50	\$25
12/15/2011	\$50	\$25
2/15/2012	\$50	\$20

Or take advantage of our EASY PAYMENT PLAN via check or credit card:

To take advantage of our payment plan, please mail in the registration form on the other side of this flyer with either a check for your 1st quarterly payment or the credit card you would like charged for your quarterly payments on the above due dates. You will also need to mail in a completed **Payment Plan Agreement Form** which can be found on our website at <http://www.madscience.org/locations/midsouth/pdf/PAYMENTPLANAGREEMENT.pdf>.