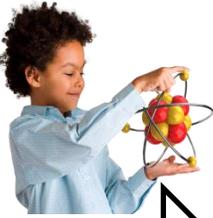


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Mad



Science

Matter of Fact

Investigate the ingredients of the universe! Build your own molecules! Play Alchemist by turning a nickel into gold (well, almost)...and use our secret formula to make your own Mad Science Putty

Inner Workings!

Explore the path of your insides as you take apart your tummy and discover digestion! See exactly how things travel through your body and use your skills to construct a huge model right inside your classroom! Work as a team to build and operate a model digestive tract! Don't miss out on this class!

Mission Explorers!

These are the voyages of young inquiring minds on a quest to discover Space! Their mission: to take an exciting look at planets, moons, comets, and the stars... to boldly go where bright young minds love to go. (Space suits not required.)

Tenacious-Technology!

How do we make electricity? Children explore renewable and nonrenewable resources for power generation. They use mechanical force to turn on fans, and find out what makes a battery work.

Invention-ation!

In this class we will discover the invention, most inventions are accidental and in this class we will see which of our most prized possessions came about by accident! Then we will become inventors ourselves as we design and build our own inventions! You are only limited by what you can imagine with Invention-ation!!

Mad Science Machines!

Students will get the opportunity to try out different types of simple machines: levers incline planes, wheels and axles, and pulleys, through various hands-on activities and build a giant lever and see how it works! Pulley systems will show how pulleys allow us to lift objects with less effort!

The Scientific Method

Join our Mad Scientist in the lab as we experiment, concoct, and create! Discover the inner workings of a lab as you create your very own experiment right in your classroom! Learn to manipulate laboratory equipment at your personal lab bench. LAB WARNING: AWESOMENESS MAY ENSUE!

Pump up the Volume!

No need to turn down the volume for this class all about mass and weight! Discover the concept of volume and how it affects the world around us! Experiment with weights, blocks, and measure trying your skills at a balancing game of epic proportions! Join us and pump up the volume!



Technology



Engineering



Math!



Dear Parents,

Our School has made arrangements with Mad Science, an enrichment organization, to provide an **ALL NEW** after-school science program at **YMCA Peanut Shell**, beginning in **October of 2017**. In the Mad Science club, students are introduced to science using a hands-on inquiry-based approach in a fun and entertaining way. The cost is \$100 per child for 8 sessions and \$175 per child for 16 sessions, which includes all materials and an awesome take-home item *EVERY* week! Please see reverse side for a detailed program summary.

The club will meet one half-hour weekly, with the option for 8 or 16 weeks. Class size will range from a minimum of thirteen to a maximum of twenty children. Enrollment is open to students at the YMCA Peanut Shell and is offered strictly on a first-come, first-serve basis. ***Please look at the days and dates carefully, as there are no makeup classes for individual absences. Makeup classes will only be scheduled for cancelled classes.***

Classes will meet on Wednesdays at 10:00 am and 10:30 am dependent upon your child's class (Padas, Tigers, etc.).

Class Dates:

Session 1: 10/4, 10/11, 10/18, 10/25, 11/1, 11/8, 11/15 and 11/22

Session 2: 11/29, 12/6, 12/13, 12/20, 1/3, 1/10, 1/17 and 1/24

No classes on: 12/27

Sessions are offered as 8 week and 16 week programs:

8 week session: \$100 per student

16 week program: \$175 per student

Registration will be handled directly by Mad Science of Northeast NJ's **ONLINE WEBSITE** on a first-come, first-serve basis. Please log on to northeastnj.madscience.org to register for the After School Program.

Registration Deadline: 10/2

**SPARKING
IMAGINATIVE
LEARNING**

AFTER-SCHOOL

VACATION &

PRESCHOOL

PARENTS