



SCIENCE EXPLORERS: After School Enrichment Program

Harnessing Heat

Take on temperature! Shake up a storm and see how friction creates heat. Feel how hot and cold can change at a touch. Apply your red-hot knowledge on your very own color changing Heat Sheet!

Lights... Color... Action!

Celebrate the science of color! Split your name in ink and reveal numbers with color filters. See rainbows appear out of white light using a diffraction lens. Follow in the steps of Isaac Newtown and make a technicolor blender to take home.

Tantalizing Taste

Exercise your sense of taste! Magnify your taste buds and unplug your nose. Compare flavors with your friends and try a carbonated test challenge. Sort out the scents in the Scratch 'n Match game!

Optical Illusions

Work against your eyes! Trick your brain with lines and coils. Discover how mirrors and their reflections can play tricks on what you see. Try to touch a mirage. Make a periscope to take home and use it to see around corners.

Matter of Fact

Learn the facts about matter, atoms & molecules. Become an alchemist as you turn nickels to gold...well, almost. Mix up your own batch of colorful Mad Science polymer putty & discover just how fun chemistry can be!

Magnetic Magic

Investigate the powers and daily uses of magnets. Test for electromagnetic fields and match your strength against an electromagnet. Take home your own floating magnet lab.

Watts-Up

Charge up on static electricity! Make indoor lightning and conduct hair-raising experiments with our electrostatic generator. Make a Static Stick to test the movement of electrons in your home.

Sonic Sounds

Discover the science behind sound & sound waves using ordinary household items like coat hangers and Slinkies. See how amazing sound effects can be created in the classroom, and make your own sound effect device to take home.

Each class topic will be presented once during the 8 week session.

* Mad Science reserves the right to substitute class topics when necessary.
Mad Science of the Mid-Hudson – (845) 294-5434

*Classes will run with a minimum of 12 and a maximum of 20 children per class.
Students will be divided into age-appropriate groups once registration is complete.*

DRAFT Putnam Valley Parks & Recreation ...Sponsors...

~ Mad Science After-School Enrichment Program ~

At Putnam Valley Elementary School

Grades: 1 – 5

Wednesdays, 3:30-4:30 PM

Dates: October 4, 11, 18, 25, November 1, 8, 15, 29, 2017

(Make Up Date if Needed, December 6)

8-week program fee \$123.00

Registration deadline: September 27, 2017 (There will be a \$10 late registration fee after the deadline.)

Registration MUST be completed online @ midhudson.madscience.org

Register Early...Space is limited. Program will run with a minimum of 12 and a maximum of 20 children per class.

Please note: Parents are responsible for transportation.