



MAD SCIENCE® Enrichment Program

COURSE REGISTRATION FORM

Winter 2021



**Sparking
Imaginative
Learning**



Garden City Department of Recreation and Parks

is proud to present

MAD SCIENCE of LONG ISLAND

After School Enrichment Programs

Tuesdays 4:00 to 5:00 PM

K - 5th

Feb 1, 8, 15 and March 1, 8, 15

6 weeks... \$160 per student

(Includes all materials & take-homes) Space is limited to 15 children, and it will be assigned on a first come first served basis.

No Refunds

www.MadScienceLI.org



Magnetic Magic

Investigate the power and daily uses of magnets. Learn about polarity, visualize magnetic fields, and learn how to magnetize ordinary metals. Find out how a compass works, and test a powerful electromagnet. Bring home the cool "Mad Science Magnet Lab".

Lights...Color... Action!

See all the colors in white light by using Newton's color theory concepts with a color wheel and prism-splitting spectrums. Use spectromscopes, ultraviolet light and witness the wonders of chromatography! Build your own "Mad Science Technicolor Blender".

Optical Illusions

Build your own "Mad Science Periscope" while learning about optics, reflection and sight. Trick your brain through your eyes, and learn the physics behind optical illusions! Seeing is not always believing... as this fast paced and very entertaining workshop demonstrates.

Sonic Sounds

Discover sound, sound waves, and use ordinary objects to create a sound symphony! Use our multi-effects processor to alter your voice, resulting in lots of cool special effects. Electronic distortions link shifting frequencies to voice alterations, and bring home your very own "Mad Science Sonic Horn".

Watts-Up!

Discover the world of static electricity! Learn about the phenomenon of lightning, how it works, and how to avoid meeting with it up close! Experiment with static electric charges, indoor lightning, and observe how the Van de Graff generator allows for a hair-raising experience. Make your own "Mad Science Static Stick".

Harnessing Heat

Learn how both heat and temperature are affected by molecular movement. Use thermometers and watch demonstrations with thawing blocks and a heat gun. Heat-induced experiments show the relativity of temperature. Explore materials that transfer heat at different rates and take home a "Mad Science Heat Sheet".

Workshop topics as well as the order in which they are presented may be subject to change

GARDEN CITY RECREATION AND PARKS – MAD SCIENCE GRADES K - 4

Name _____ Age _____ Birthdate _____ Grade _____

Address _____ Phone _____

Emergency # _____ Email _____

Each session costs \$160, checks only made payable to "Mad Science of Long Island".

Please note: All participants must wear a mask to each session.

I certify that my child is in good health and able to participate in the activity listed above. I understand that there are risks associated with participating in these activities and hold harmless the Inc. Village of Garden City, its officers, agents, and employees.

Parent/Guardian Signature _____