



**Sparking  
Imaginative  
Learning**



# MAD SCIENCE® Enrichment Program

## COURSE REGISTRATION FORM



### Spring 2019

#### Bugs!

Welcome to the realm of insects! Learn about their unique eyesight, and the way that they defend themselves against predators. See how camouflage works and investigate how bugs can be helpful to our environment. Explore what characteristics insects have and bring your own bug models home.

#### Detective Science

Step into the role of a detective and discover how forensic science works to solve crimes. Create and analyze fingerprints and teeth impressions and discover how written materials can be analyzed to help solve a crime. Put your observation skills to the test and find out if you would make a good witness! Take home an identification kit to record vital information.

#### Movie Effects

Sit in the director's chair & discover why science is the real star on the big screen! Explore the concept of persistence of vision & how we are able to see movies. Take the continuity challenge and see if you have what it takes to help make a movie. Discover how 3-D images are made! Finally, put your movie making skills to the test to create your very own animation to take home.

#### Mad Science Machines

Find out how simple machines make our lives easier. Try out different types of simple machines: levers, wedges, incline planes, wheels and axles, and pulleys, through various hands-on activities. See a catapult working and discover how a simple wedge can be a powerful tool. You'll take home a Mad Science rocket racer!

#### Walloping Weather

Welcome to the wild world of weather! Investigate why it rains, what causes lightning and how weather can be predicted. Step into the shoes of a meteorologist and create some of your own regional weather forecasts. Finally, learn about the Sun's energy and ultraviolet radiation and make a U.V. detector to take home.

#### Science of Toys

Did you know that some of your favorite toys work using basic science principles? Use bouncing balls, yo-yos and other classic toys to discover the science of motion through fun hands-on activities. Find out how vector toys and string things work and bring home a Mad Science Yo-Yo

**WORKSHOP TOPICS as well as the order in which they are presented MAY BE SUBJECT TO CHANGE.**

## Garden City Dept. of Recreation and Parks

is proud to present

**MAD SCIENCE of LONG ISLAND**  
After-School Enrichment Program

**Tuesdays 4:00 - 5:00 PM**

**For Grades K-5**

**Apr 9, 16, 30, May 7, 14, 21**

**6 weeks... \$140**

(Includes all materials & take-homes)

Space is limited to 20 children, and it will be assigned on a first come first served basis. No Refunds

[www.MadScienceLi.org](http://www.MadScienceLi.org)



### MAD SCIENCE FOR GRADES K-3

NAME \_\_\_\_\_ AGE \_\_\_\_\_ BIRTHDATE \_\_\_\_\_

GRADE \_\_\_\_\_ ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

EMERGENCY NUMBER \_\_\_\_\_ EMAIL \_\_\_\_\_

I certify that my child is in good health and able to participate in the activities 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 \_\_\_\_\_



\$140, checks only made payable to "Mad Science of Long Island"

