

# Science Museum of Long Island

1526 NORTH PLANDOME ROAD  
PLANDOME, NEW YORK 11030  
(516) 627-9400 EXT. 10  
EMAIL: [smlinfo@optonline.net](mailto:smlinfo@optonline.net)  
[www.smlinfo.org](http://www.smlinfo.org)

## Science News

Note to Members: Please view our website for up-to-date information on our programs, as well as calendars of events and any closings due to weather.  
[www.smlinfo.org](http://www.smlinfo.org)

### February's Holiday Workshop

Fee: \$45.00 per child - Bring Lunch  
Grades - Nursery - 6th (ages 3 - 11 years old)  
10:00 am - 1:00 pm



Please Note: New Holiday Workshop Policy: Full payment is required at the time of booking in order to enroll in a holiday workshop. To cancel enrollment you must call in, and receive a verbal confirmation by a SMLI staff member in order for it to take effect. When a cancellation is confirmed by the Museum, you will receive a credit slip good for \$35.00 to be used towards another program.

**Monday, February 20, 2012**  
**Science Magic** - Be prepared to examine the weird and mysterious as you make things change color, create explosions that hit the ceiling and make magical diving devices. What you will learn will astound your family and friends.

**Tuesday, February 21, 2012**  
**Rockin' & Rollin' Earth** - Come prepared to get dirty as you explore earth science. By making crystals, examining rock samples, simulating earthquakes and erupting volcanoes, you will see how amazing our changing earth is.

**Wednesday, February 22, 2012**  
**Paws & Claws** - Come and explore the amazing diversity of animals in the world. Meet and greet live animals from our collection. We will focus on mammals, reptiles, amphibians and birds.



**Thursday, February 23, 2012**  
**Physical Fun** - See how much fun physics can be as you levitate magnets, shoot lightning from your fingers, change your voice into a wave and make rainbows fill the classroom.

**Friday, February 24, 2012**  
**Maple Sugaring** - Join us as we perform our annual tradition of creating maple syrup. Try your hand at tapping trees, collecting sap and boiling it down to a sweet and sticky treat. Come dressed for the weather.

**Registration**  
Pre-registration is required. Space is limited to 15 participants per class.  
You can register over the phone using a Visa, Master or Discover Card  
Please call Rosemarie 516-627-9400 ext. 10.

### Afterschool Workshops

Fee: \$50.00 per child - per month  
Family Membership Fee: \$100.00 - Everyone must be a member to register  
4:00 pm - 5:00 pm



**Monday, Kindergarten - Quakin & Shakin Earth - February 6, 13, 27, 2012**  
Discover the Dynamic Earth and all the powerful forces of Mother Nature. Examine what causes earthquakes and volcanoes. Learn how rocks are formed as you eat some edible earth. Bring home your own erupting volcano.

**Tuesday, 1st & 2nd - Rockin' & Rollin' World - February 7, 14, 28, 2012**  
Discover the dynamic earth and the powerful forces of Mother Nature. Learn the science behind earthquakes, volcanoes, tornadoes, and other natural disasters. Examine rocks and minerals from around the world as you learn how the earth was shaped and how it changes everyday.

**Wednesday, 3rd & 4th - Willy Wonka's World - February 1, 8, 15, 2012**  
Help build an edible city out of chocolate, candy, and cookies for the Oompa Loompas to live in. Learn to build using architectural and engineering theories. When you're done you can eat the Oompa's out of house and home.



**Thursday, 5th & Up - Independent Research - February 2, 9, 16, 2012**  
Calling all science enthusiasts! Here is your opportunity to explore science at your own pace. This program provides a young scientist a chance to choose a topic and conduct experiments and research designed by our staff. You will work in our laboratories and have access to scientific equipment.

**Registration:** Rosemarie 516-627-9400 ext. 10.

1

### Nursery Science Programs

Choose the day, time, and class that is best for you and your preschooler. You can still join for a prorated fee after the semester begins.

New Spring Session starting:

**Mondays - 9:30 am - 11:30 & 2:30 pm - 3:30 pm - February 6, 13, 27, 2012**

**Tuesday - 9:00 am - 10:00 am & 1:00 pm - 3:00 pm - February 7, 14, 28, 2012**

**Wednesdays - 9:30am - 11:00 am & 12:30 pm - 2:30 pm - February 1, 8, 15, 29, 2012**

**Thursdays - 9:00 am - 11:00 am & 1:00 pm - 2:00 pm - February 2, 9, 16, 2012**

**Fridays - 9:00 am - 11:00 am & 2:30 pm - 3:30 pm - February 3, 10, 17, 2012**

**Registration:** - fee based on the number of classes  
must be a member - call (516) 627-9400 ext. 10



### Summer Camp

Summer Camp Open House on Sunday, February 5, 2012

10:00 am - 1:00 pm

SAVE - \$25.00 per week of camp, per camper (Except Raiders & Assistant Counselors)

Full payment is required to receive discount.

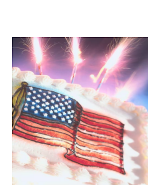
New Camp Weeks  
Magic & Mysteries & Forensics Program

July 3rd BBQ and Carnival

Weekly Membership - Now available

Applications are now being accepted by mail, fax or in person.

For more information, please call 516-627-9400 ext. 10.



### M.r. Sean's Science Corner

#### PH INDICATOR

Test the contents of your fridge with a homemade PH indicator, discover what's an acid and what's a base.

WITH THE HELP OF AN ADULT, place shredded red cabbage leaves in a small microwave safe bowl filled with water.

Place in microwave for 10-11 minutes to boil the water until the liquid has become a dark purple shade. Let sit until cool.

Remove leaves. After the liquid cools, try placing a few teaspoons of lemon juice in a small clear plastic cup, then add a little bit of cabbage juice. What color did it turn? If it turned a shade of pink or red, the lemon juice was an acid, if it turned yellow, green or blue,

it was a base, if it remained purple, it was neutral.

Now try some of the other things in your fridge, like milk, baking soda, apple juice, or water and see what colors they turn!

2

### SCIENCE MUSEUM OF LONG ISLAND BOARD AND STAFF

It is with great pleasure that the Science Museum of Long Island Board of Trustees and staff welcome its new Director  
Dr. John Tanacredi

#### Board of Trustees

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#### Teachers

Jennifer Henriquez  
Natalie Cheung  
Sean Goggin  
Caitlin Orellana

*The Mission of the Science Museum of Long Island (SMLI) is to:*

*Stimulate and nurture children's natural interest in science and help them to discover the power of science through the fun of science.  
provide science education through hands-on learning.  
Elevate the level of science literacy.*

*Towards this mission the Science Museum of Long Island is primarily dedicated to experiential science education for children. Science Museum of Long Island does this by presenting educational programs, conducting field explorations, and participating in research.*

#### Principles and Values:

*The Science Museum of Long Island Board of Directors, administration, teachers, and staff are dedicated to the following core principles and values:*

#### Nurturing of Children

*Science Museum of Long Island is dedicated to the nurturing of children by inspiring lifelong interest in science. We respect children as individuals and recognize their right to learn in a safe, secure, and pro-child environment.*

#### Excellence in Teaching

*Science Museum of Long Island affirms excellence in the teaching of science. We will seek the best teachers, and we will seek to develop our excellence to ensure knowledge is conveyed.*

#### Active Learning

*Science Museum of Long Island is committed to provide young people an excitement about science through active discovery and problem solving.*

*Science Museum of Long Island is dedicated to service to youth by providing broad-based, interactive, stimulating science programs.*

#### Consumer Satisfaction

*Science Museum of Long Island will strive to consistently provide valued science education to students, individuals, schools, and communities it serves.*

3