



## Science Enrichment Program

Perfect for homeschoolers, community groups and more.

**Thursday afternoons**

**1:00 – 2:30 PM**

**Age groups: 5-7 years and 8-11 years**

Sessions for each age group are held concurrently on the topic.

**Thursday, September 26**

### **What's the Reason for the Season? - Seasonal Science**

Have you ever wondered why our seasons change? In this hands-on science lab participants will experiment with kinesthetic astronomy to determine when is the earth closest to the sun and visit with some of the animals at CNSE CMOST to examine how animals adjust to the seasonal cycles.

**Thursday, October 24**

### **Spooky Science Magic**

Join us for this fun Halloween-themed science lab. Children will experiment with kitchen potions, create invisible ink and investigate the science of pumpkins! Participants in this class will experiment with many concepts of chemistry, while having fun with the Halloween season.

**Thursday, November 21**

### **Simple Machines Investigations – Physical Science**

Did you know that simple machines are everywhere in your daily life? Explore the world of physical science and simple machines in this hands-on science lab. Children will experiment with levers, pulleys, inclined planes and more!

**Thursday, December 19**

### **Who Done It? - Detective Science**

Put on your detective hat and get to work in this fun class on crime science! Children will get an introductory course on the science of solving crimes. Examine fingerprints, learn about the importance of observation skills and attempt to get some insight into this fascinating field.

**Thursday, January 16**

### **What You See Is What You Get - Vision Science**

What you see is what you get ... or is it? Join us for this hands-on science lab where participants will investigate the science of vision. Explore how your eyes work, dissect a cow's eye for further examination and explore some cool optical illusions and the science behind them!

**Thursday, February 13**

**Your Kitchen’s Chemistry – Chemical Science**

Join us and experiment with the chemistry that is in your kitchen. In this hands-on lab children will experiment with the different states of matter, reactions and more. Cooking and baking in your kitchen will never be the same after participating in this lab!

**Thursday, March 13**

**Too Small to See – Nanoscience**

What is nanotechnology and why is it important? Join us for an investigation into all things small! Experiment with nano kits and explore nano gold, ferro fluids and more in this hands-on science lab. Children will also have the opportunity to play nano twister and a variety of other nano games!

**Thursday, April 10**

**A Hudson River Journey – Stream Science**

Join us in this exploration of stream ecology. Learn all about the science of ecology, study stream animal adaptations, examine the aquatic food web and conduct water tests in this hands-on ecology lab. Weather permitting, this lab will take place outdoors.

**Thursday, May 15**

**Somewhere Out There - Astronomy**

Join us as we explore the night sky. Create star finders, learn how telescopes work and get a tour of the night sky in the Lally Digital Dome and Planetarium during this fun and exciting introduction to backyard astronomy.

All Science Enrichment programs are offered for children age 5-7 and 8-11. Placement in classes will be based upon the child’s date of birth. The cost for each program is \$6.00 per child. To register for a program, please call 518-235-2120 or complete the registration form below and return to CNSE CMOST. Pre-registration is required for all Science Enrichment programs and class size is limited, so register early. **Registration is not complete without payment.**

Children cannot be left unattended at the museum under any circumstances. If you plan to visit CNSE CMOST with your other children admission will need to be paid.

Name of Parent/ Guardian: \_\_\_\_\_

1.Child: \_\_\_\_\_ DOB \_\_\_\_\_ 2.Child : \_\_\_\_\_ DOB \_\_\_\_\_

Address: \_\_\_\_\_

Phone (Home): \_\_\_\_\_ Email: \_\_\_\_\_

Program(s) you wish to attend please place the # of the child (number located next to their name above) attending the program in the space provided:

- |              |                                   |                          |                          |
|--------------|-----------------------------------|--------------------------|--------------------------|
| ___ 9/26/13  | What’s the Reason for the Season? | ___ 2/13/14              | Your Kitchen’s Chemistry |
| ___ 10/24/13 | Spooky Science Magic              | ___ 3/13/14              | Too Small to See         |
| ___ 11/21/13 | Simple Machines Investigations    | ___ 4/10/14              | A Hudson River Journey   |
| ___ 12/19/13 | Who Done It?                      | ___ 5/15/13              | Somewhere Out There      |
| ___ 1/16/14  | What You See Is What You Get      | Total enclosed: \$ _____ |                          |

Credit card info: Card \_\_\_\_\_ Security Code # \_\_\_\_\_

Expiration Date: \_\_\_\_\_ Authorizing signature for credit card use \_\_\_\_\_

**Please return to: CNSE Children’s Museum of Science and Technology**  
250 Jordan Road, Rensselaer Technology Park, Troy, NY 12180, or fax to (518) 235-6836