

# Registration

Name of Parent/ Guardian:

\_\_\_\_\_

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

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

3. Child: \_\_\_\_\_ DOB \_\_\_\_\_

4. Child: \_\_\_\_\_ DOB \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

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

Phone (cell): \_\_\_\_\_

Email: \_\_\_\_\_

Please place the # of the child (number located next to their name above) attending the program in the space provided:

- \_\_\_\_ 9/22/09 Seasonal Cycles
- \_\_\_\_ 10/20/09 Chemistry Conductors
- \_\_\_\_ 11/17/09 Nano Investigations
- \_\_\_\_ 12/15/09 Enter the Cosmos
- \_\_\_\_ 1/19/10 The Art of Science
- \_\_\_\_ 2/23/10 A Commotion of Motion
- \_\_\_\_ 3/16/10 One Drop at a Time
- \_\_\_\_ 4/20/10 Moon Science
- \_\_\_\_ 5/18/10 Stream Ecology

Credit card# \_\_\_\_\_

Security Code # \_\_\_\_\_ Expiration Date: \_\_\_\_\_

*Please return to:*

*The Children's Museum of Science and Technology*  
250 Jordan Road, Rensselaer Technology Park, Troy,  
NY 12180, or fax to (518) 235-6836



The Children's Museum of Science and Technology (CMOST), ranked one of the top 20 science centers in the nation by *Parents* magazine, is the only science center in Tech Valley specifically designed for kids and their families to explore, discover and imagine the world of science together.

CMOST inspires young minds to engage in a lifelong exploration of science and technology, instilling a sense of wonder and discovery.

**The Children's Museum  
of Science and Technology  
(CMOST)**  
250 Jordan Road  
(in the Rensselaer Technology Park)  
Troy, New York 12180  
Phone: 518-235-2120  
Fax: 518-235-6836  
info@CMOST.org

Explore ★ Discover ★ Imagine

# Homeschool Science Labs





## CMOST Homeschool Labs

When: 1:00 PM - 2:30 PM  
Age: 6-8 yrs and 9-11 yrs

Sessions for each age group are held concurrently on each topic. Placement in classes will be based upon the child's date of birth.

### Tuesday, September 22<sup>nd</sup> Seasonal Cycles

What makes the seasons? When is the earth closest to the Sun? Join CMOST staff in this exploration of the seasons! We'll experiment with kinesthetic astronomy, examine how animals adjust to the cycles and explore the science of leaf chromatography in this informative hands-on lab class.



### Tuesday, October 20<sup>th</sup> Chemistry Conductors

Venture into the microscopic world of atoms and molecules as we discover matter and its many properties. Participants will discover atoms and molecules by participating in the Molecularium™, build molecular models, and create chemical concoctions during this introduction to chemistry.

### Tuesday, November 17<sup>th</sup> Nano Investigations

What is nanotechnology and why is it important? Join us for this investigation of all things small! We will experiment with nano-measurement, learn about carbon bucky balls and experiment with nanofabric as we get down and dirty with Nanotechnology.



### Tuesday, December 15<sup>th</sup> Enter The Cosmos

Join us as we blast into the solar system in this exploration of the cosmos. We replicate the planets and their size with play dough, learn about the night sky and its many wonders, and create a portable planisphere and much more in this-hands on astronomy lab.



### Tuesday, January 19<sup>th</sup> The Art of Science

Delve into the many concepts of science through the use of art. In this science meets art lab we will explore different scientific concepts through the use of art mediums. We will experiment with acid/base indicators, examine fractal patterns, and create colorful chromatography as we explore the art of science.



### Tuesday, February 23<sup>rd</sup> A Commotion of Motion

Let's work together to learn all about the energy of motion. In this lab we will experiment with the differences in kinetic and potential energy by creating a roller coaster, explore the forces of gravity through experimentation and discover the science of Newton's Laws.



### Tuesday, March 16<sup>th</sup> One Drop at a Time

What is the water cycle and why is it so important? Join us in this wet and wild lab as we explore the water cycle, learn about our local watersheds and take a river journey. This lab will take place outdoors weather permitting.



### Tuesday, April 20<sup>th</sup> Moon Science

What is the moon made up of? Why does it have craters? Join us in this astronomy lab that is dedicated to the science of our earth's moon. We'll experiment with moon phases, replicate the moon's craters and learn about the dark side of the moon.



### Tuesday, May 18<sup>th</sup> Stream Ecology

Join us in this exploration of stream ecology. Children will 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. This lab will take place outdoors weather permitting.



## Program Notes:

The cost for each program is \$6.00 per child. To register please call 518-235-2120 or complete the registration form on the back and return to CMOST. Registration is required for the Home School programs and class size is limited so register early. *Registration is not complete without payment.*

Participants should check in at The Museum between 12:45 PM and 1:00 PM. Programs will begin promptly at 1:00 PM.

*Children must be accompanied by an adult while they are at CMOST. Adults do not have to remain in the program room, but they must remain on the premises.*