

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:

___ 9/23/10 Bang, Twang, Toot: The Science of Sound

___ 10/21/10 Ready, Set, Reaction

___ 11/18/10 Your Night Sky - Live

___ 12/16/10 The Physics of Toys

___ 1/20/11 Energy Investigations

___ 2/17/11 Wacky Weather

___ 3/17/11 Countertop Chemistry

___ 4/28/11 The Science of NanoTech!

___ 5/19/11 What is in a Watershed

___ 6/16/11 Turning the Tides

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.

Thursday, September 23rd

Bang, Twang, Toot: The Science of Sound

From guitars to drums, learn all about how musical instruments make sounds. Explore waves on springs and in water, experiment with vibrations to produce different sounds, and take home an instrument you make yourself!

Thursday, October 21st

Ready, Set, Reaction

Join us in this adventure in chemistry. We'll experiment with reactions, blow up balloons, create rockets out of film canisters and heat things up in this hands-on lab! Students will learn all about the molecular world, physical and chemical reactions and more in this exploration of chemistry.

Thursday, November 18th

Your Night Sky - Live!

Join CMOST as we explore what's in your night sky tonight. We'll put together star finders, learn how telescopes work and get a tour of the night sky in the Lally Digital Dome and Planetarium in this fun and exciting introduction to backyard astronomy.

Thursday, December 16th

The Physics of Toys

Why do yo-yos climb their strings, where do bouncy balls get their bounce, and how do 3D movies and stereoscopes make things look three-dimensional? Explore the physics behind these and other common toys, and make a great physics toy to take home with you!

Thursday, January 20th

Energy Investigations

What is energy? How does it work? Join us for this investigation of energy as it transfers from one type to another. We'll also examine energy sources and learn about the alternative energies of the future.

Thursday, February 17th

Wacky Weather

Did you know that with just a little information and some different instruments that you too can predict the weather? Examine the different ingredients of the weather, do hands on experiments and create weather equipment to take home!

Thursday, March 17th

Countertop Chemistry

Join CMOST staff as we discover the chemistry that is in your kitchen! We'll do different experiments such as making spaghetti dance, freezing a banana with liquid nitrogen and making cool plastic polymers and more. Children will be immersed in the world of chemistry and explore the cool things it can do.

Thursday April 28th

The Science of NanoTech!

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.

Thursday, May 19th

What is in a Watershed*

Why does it matter what we do in our backyards? Where does that creek go anyway? Join us as we learn how to become stream scientists. We'll learn about what a watershed is, experiment with what happens to the water in your watershed and get our hands dirty during this cool class in environmental science.

Thursday, June 16th

Turning the Tides*

Take an in-depth look at the Hudson River watershed and its ecology through hands-on scientific investigation and handling artifacts. Students will investigate streams first hand using hand held equipment to monitor the water's health. During this three hour program, students will learn about and collect data on water quality and the different species of organisms living in the water.

*Weather permitting, these classes will take place in our outdoor classroom.

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. If you plan to visit The Museum with your other children admission will need to be paid.