CHILDREN'S MUSEUM OF SCIENCE + TECHNOLOGY

In School Traveling Programs

Programs	Grade	P-12 NYS Learning Standards
Adirondack Adventures: Mapping Mountains, History & Environmental Treasures	3-6	Science: ESS2.A Social Studies: 4.1.a; 4.6d
Animal Survival	1-3	Science: LS1-2; LS1-V; LS1-D; LS4.3; LS2.2; LS4.4; LS3.1; LS3A Social Studies: 1.6a
Animal Tales	K	Science: LSI-1 ELA: CCSS.ELA-Literacy.RI.K.1
At Home in the Pond	2-3	Science: ESS2.C; LS2.2; LS4.1; LS4.3; LS4.4
Beautiful Insects: Butterflies & Moths	K-2	Science: LS4-2 ELA: CCSS.ELA-Literacy.CCRA.SL.K-2.1
Bubble Science	K-2	Science: PS1.A
Circuit Science	3-5	Science: PS2.4; PS2.3; PS3.2; PS3.4; ETS1.1
Exploring Color	2-5	Science: PS4.B; LS1-2&2 Art: Standard 2 Visual Arts
Fraction Fun!	3	Math: 3.NF
Frogs and More Frogs	K-1	Science: LS1-1; ESS2.2; LS4D ELA: CCSS.ELA-Literacy.RI.K-1.1
Habitat Hunters!	K-2	Science: LS1.1; ESS2.2; ESS3.1; LS2.2; LS2.A ELA: CCSS.ELA-Literacy.RI.K-2.1
Honeybee Business	K-3	Science: LS2.2; LS2.1; LS4.4; ESS2.2 ELA: ELA: CCSS.ELA-Literacy.RI.K-3.1
In Days Gone By	K-1	Social Studies: K.8a; 1.6a;1.8a; 1.9c ELA: CCSS.ELA-Literacy.SL.K-1.1
Iroquois Ingenuity	3-5	Science: ESS3.1; ETS1;ETS2;ETS3; MSPS2-3; MSPS3-6 Social Studies: 3.3;4.2a;4.2c
Journey through the Solar System	k-2	Science: ESS1-1; ESS1-2
Investigating Energy	4-6	Science: ESS3.A; PS3.D;PS3.A;ETS1.A
Life on the Erie Canal	3-5	Science: ETS1-1;ETS2 &ETS3 Social Studies: 3.3; 4.6b
Look, Listen, & Touch	K-1	Science: LS1.A; LS1.D; PS4.1
Kitchen Science	K-2	Science: PS1-1; PS1-4; PS1A&B; PS1-1;PS2;PS3&PS4
Mastering Measurement	6-8	Math: 6.G
Matter, Matter, Everywhere	2-5	Science: PS1-1; PS1-4; PS1A&B; PS1-1;PS2;PS3&PS4
Measures for Measuring	3-5	Math: 3,4&5MD
Mexico	3-5	Science: ETS1 Social Studies: 3.4a, 3.4b, 3.5,5.8
Mirror Magic	3-4	Science: PS4-2; PS4B; ETS1.C
Oceans in Motion	2-4	Science: ESS2A; ESS2C; LS2-1; LS4-3; PS4A
Our River, Our Responsibility	4-6	Science: ESS2-2; ESS2-A; ESS2-E; ESS2C; ESS3C; MSLS2.2
Rocks Rock!	3-6	Science: ESS1.C; ESS2.A; ESS1-1; ESS2-C
Silent Spinners	1-4	Science: LS1-1; LS3-B; LS3-1
Simple Machines	2-8	Science: TES1-1; ETS1-2; ETS1B&C
Small Science	6-8	Science: MSPS1.3
Sounds Good to Me	2-5	Science: PS4-1; SL1D
They Lived Along Mohawk	K-2	Social Studies: K.7a; K.9a; K.9c;1.6; 2.5
What's the Scoop?	K-5	Science: PS1-1; PS1-4; PS1A&B; PS1-1;PS2;PS3&PS4
What's the Weather?	2-5	Science: ESS2.1; ESS2.3; ESS2-2

Adirondack Adventures: Mapping Mountains, History & Environmental Treasures
Recommended for grades 3-6
Students learn about the history, geography, animal and plant life and mineral wealth of some of the oldest mountains on earth. We will investigate the way of life and environmental concerns of the Adirondack settlers.

Animal Survival
Recommended for grades 1-3
How do animals survive as their environment changes? Learn how physical and behavioral changes help all living things to adapt to their surroundings.

Animal Tales
Recommended for grade K
Have you ever wondered what the animals of a story book would be like if you could meet them? Together we will read their stories, meet a live animal from the Museum's living collection and learn about their real lives in this exciting animal story time.

At Home in a Pond
Recommended for grades 2-3
Ponds are exciting places to see how life cycles may take many forms. Students will learn about the ecology of freshwater ponds by exploring life cycle models, skulls, shells, furs and complete a project illustrating how a pond community is like a neighborhood.

Beautiful Insects: Butterflies & Moths
Recommended for grades K-2
What's the difference between these two kinds of insects? This program is an introduction to the characteristics of insects, including life cycles and the amazing process of metamorphosis.

Bubble Science
Recommended for grades K-2
Explore the science of bubbles! Design a bubble wand. Students mix up our educator's favorite blend of bubble solution.

Circuit Science
Recommended for grades 3-5
Learn the shocking truth about electric circuits and experiment with different ways to complete a circuit. What does a magnet have to do with electricity?

Exploring Color
Recommended for grades 2-5
Have you ever experimented with color and all its possibilities? Do you know what happens when you mix colors together and that you can then pull them back apart? Students will experiment with primary and secondary colors in this hands-on color-fun class.

Fraction Fun!
Recommended for grade 3
Students are introduced to basic fractions, number lines and equivalency. Students will be able to compute groups of fractions and recognize the importance of fractions in cooking, sports, time and other areas of everyday life.

Frogs and More Frogs
Recommended for grades K-1

What makes a frog different from other animals? Learn fun facts about these cool creatures while exploring through stories, puzzles and creative expression. Create a pond mural for your classroom populated by student created frogs.

Habitat Hunters!
Recommended for grades K-2
What is a habitat? Who lives there? Meet a live animal from our living collection and explore how season relates to habitat. This program reflects the conditions of the season it is presented in. For example – in winter children will learn about hibernation and in spring they will learn how the change in season affects the animal inhabitants. Children will use natural building materials to make a habitat for an animal.

Honeybee Business
Recommended for grades K-3
Students learn about how the honeybee fits into the insect family, how essential bees are to the survival of many plant species; how honeybees accomplish their important work through engineering, working and communicating in a complex community. Children participate in an engineering hive challenge and contribute to a hive of information mural.

In Days Gone By
Recommended for grades K-1
Life was different for children 100 years ago. Clothes were washed by hand, candles provided light and irons were heated on the stove. Learn about chores, school and play during this interactive program exploring technology of the past.

Investigations in Energy
Recommended for grades 4-6
What is energy and how does it work? Students will investigate energy as it transfers from one type to another in this hands-on science program. We will also examine different energy sources and learn about the cool new alternative energy sources of the future.

Iroquois Ingenuity
Recommended for grades 3-8
The Iroquois made significant contributions to our region's history and development of technology. Explore this exciting time in our past through artifacts, objects and engineering challenges. Discover how the Iroquois lived and their unique ability to use their available natural resources in ingenious ways.

Journey Through the Solar System
Recommended for grades K-2
Students blast off for a visual journey through our amazing solar system. Through hands-on activities and experiments with gravity toys, students learn about the relationship between Earth, the sun, and the rest of our solar system.

Kitchen Science
Recommended for grades K-2
Explore the three states of matter during this hands-on exploration using common household ingredients. This program includes a few new activities in addition to the creation of a new material.

Life on the Erie Canal
Recommended for grades 3-5
Learn about the engineering challenges in this exciting hands-on program exploring the history and technology of the Erie Canal.

Look, Listen, & Touch
Recommended for grades K-1
Can you smell with your tongue? Can you see in the dark? Students will listen to a story, meet a live animal from the Museum's living collection and discover their senses through manipulatives.

Mastering Measurement!
Recommended for grades 6-8
Mastering Measurement is a metric only program that explores conversion, units of measurement and the appropriate tools to measure length, volume and mass.
40 minute program to accommodate class schedules

Matter, Matter, Everywhere
Recommended for grades 2-5
Through many fun and fascinating science experiments children will delve into an exploration of matter. Investigate the three states of matter, the size of atoms and molecules, and different types of chemical reactions.

Measures for Measuring
Recommended for grades 3-5
Using a hands-on approach, students learn how and why measurement standards have evolved and experiment with a variety of methods to measure length, mass/weight, capacity/volume, area and perimeter.

Mexico: Culture through Architecture, Food and Art
A cultural journey into the Oaxacan region of Mexico through the lens of STEAM. What lessons can we learn from Mayan architecture, food and the art of Oaxaca. This program includes crafting a piece of artwork reflective of the region.

Mirror Magic ***Special Rate reflects materials cost***
Recommended for grades 3-4
Experiments with hinged mirrors and the Museum's collection of unusual kaleidoscopes help explain the hows and whys of reflection. Each child makes a kaleidoscope to keep.
75 Minutes

Oceans in Motion!
Recommended for grades K-4
Children will learn about the ocean, its creatures and how we can protect them. Hands-on materials include preserved examples of sea life and shells.

Our River, Our Responsibility
Recommended for grades 4-6
Join our educator in this hands-on investigation of the Hudson River and its watershed. Students will be introduced to stream ecology, meet live Hudson River Valley residents, and more in this exciting exploration of the river that flows both ways!

Rocks Rock!
Recommended for grades 3-6
Students will learn about rock classification (igneous, sedimentary & metamorphic) in the context of the rock cycle. They will have the opportunity to handle rock samples and learn how these rocks are used. Students use real scientific tests to classify specimens.

Silent Spinners
Recommended for grades 1-4
Can spiders really make silk? This close-up look at common and exotic spiders, their bodies, webs and habits will shed light on these beneficial creatures.

Simple Machines
Recommended for grades 2-8
Students participate in demonstrations and exciting hands-on activities that help them discover the properties and uses of the lever, pulley, inclined plane, wedge, screw and the wheel and axle.

Small Science
Recommended for grades 6-8
It's teeny tiny and its science. Join us for this introduction to nanotechnology! Students will explore the world of small as they experiment with the unusual properties of things at the nanoscale and investigate real world applications of nano.

Sounds Good to Me
Recommended for grades 2-5
Through simple experiments with a variety of instruments children discover how sounds are produced, how they travel and what makes each one unique. Students will have a chance to use everyday materials to create music of their own.

They Lived Along the Mohawk
Recommended for grades K-2
Learn how the indigenous people of this area harnessed natural resources to provide for their families and how their stories and traditions are reflected in the objects of everyday life.

What's the Scoop- Seasonal program available in the late Spring semester only ***Special Rate reflects materials cost***
Recommended for grades k-5
A cool way to celebrate the end of the school year. Students learn about states of matter, discuss chemical and physical reactions and create their own ice cream.

What's the Weather?
Recommended for grades 2-5
Where does our weather come from? Performing hands on experiments with air pressure, wind direction, the water cycle and various other weather elements students will work to answer this question.