



The Children's Museum of History, Natural History, Science & Technology

311 Main Street, Utica, NY 13501 * T: 315-724-6129 * F: 315-724-6120

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Marlene B. Brown, Executive Director & Director of Operations; Earl Lewis, Exhibits Director; Sally Buyea, Education Director; Dan Kazmierski, Educator; Don Zyga, Docent

Children's Museum Educational Enrichment Programs – pg 1

Register via phone, email, or our website's online form

Dinosaur and Fossil Programs:

Dinosaurs & Fossils (Pre-Kindergarten–2nd grade) Learn about the "terrible lizard" that used to roam the earth. Using puppets & fossils, younger children learn about what dinosaurs did and ate, fossils, teeth, and eggs.

Archeological Dig (1st–4th grade) Utilizing our Paleontological Activity Center, students go on a dig for artifacts & fossils. They will learn the proper scientific procedure and the work involved in unlocking the mysteries of our past.

Dinosaurs & Fossils (3rd -6th grade) Students explore fossils & dinosaurs in detail as well as learn how scientists pieced together clues about the "terrible lizard" from the Mesozoic era to distinguish them, & extinction myths.

Living Science Programs - Insects:

Going On a Bug Hunt (Preschool–3rd grade) Insect puppets bring to life the amazing world of bugs and insects. Children learn & explore what the difference between them are & how important each is to our world.

Dance of Honeybee (Preschool–4th grade) Culminating with viewing our active beehive, children learn the role of the honeybee, gain an understanding of the physical & social structure of beehive, and how honey actually gets made.

Going On a Bug Hunt (4th - 6th grade) In this program, children explore and learn how important insects & bugs, are to our world, ways scientists have discovered they help humans, & importance of pollination to earth's population.

Living Science Programs - Animals:

Making Tracks (Preschool–2nd grade) Studying animal tracks can generate an interest in nature as well as improve observation skills. Instructors present different animal tracks children will identify and compare to one another.

Where they go in the Snow (2nd-4th) Winter can be a harsh part of the year for our animal friends. Using puppetry, animal skins & shells, we discuss adaptations of animals in order to survive winter cold & changing weather.

Native American Indian Programs:

The Harvest Feast (PreK–3rd grade) Through the use of artifacts & soft-sculpture food, children learn how the first Thanksgiving was celebrated, and explore types of food Native Americans and English settlers had.

Moccasins & Sneakers (Preschool-3rd grade) Students are introduced to the Iroquois culture. By utilizing Museum artifacts, children compare & contrast lives of Iroquois who lived in the area 100's of years ago, to their own lives.

The Harvest Feast (4th - 6th grade) How did Thanksgiving celebration impact our country's history? Through the use of artifacts & soft-sculpture food, children learn how early Native Americans helped the English settle NYS.

Moccasins & Sneakers (4-6th grade) Students analyze Iroquois life with hands-on Museum artifacts such as tools, clothing & our Longhouse replica, with attention given to Native American legends & spirits & Iroquois belief system.

New York State History Programs:

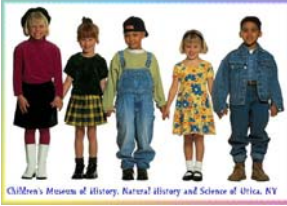
Intro to Geology of NYS (1st–6th grade) From volcanic islands to mile thick glaciers, NYS's landscape has been shaped by a variety of forces. Students learn importance of rocks & how geologists use maps/tools to learn more.

History's in the Bag (4th–6th grade) We learn about people from items they owned and used. Here, children analyze historical artifacts & draw conclusions about life and work of early CNY residents by what they left behind.

Erie Canal History (4th–6th grade) Program discusses the beginnings of Utica, how it was named, how the Erie Canal impacted life here & throughout the country, as well as area folks who created some of our greatest legacies.

Train Trivia Program: (1st–4th grade) Learn about how railroad transportation and train travel made a difference in our community's past, present, and will in the future. Includes a tour of our trains outside.

Planetarium & Space Science Surround Sound Theatre: - Students will understand & view planet formation, the science surrounding space & the universe in our Planetarium / Surround Sound room.



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Music Appreciation Programs:

Music on the Move (Preschool & Nursery) Exercise and music combine to explore movement and rhythm in a fun and healthy way. Instructors will lead children in activities with music where they play, interplay, dance and sing.

Music on the Move (1st-3rd) Reading, exercise and music combine to explore movement and rhythm in a fun and healthy way. Instructors lead children in activities where they interplay, dance and sing to our karaoke machine.

Weather Exploration Programs:

Making a Rainbow (preschool-3rd grade) Students will learn how a rainbow is formed and the order of colors in a rainbow. As a result of a hands-on science demonstration, they will observe a rainbow indoors!

The Magic of Clouds (preschool-3rd grade) Students will learn how clouds form and discover how different types of clouds help to predict weather. During a demonstration, students will observe cloud formation in a jar.

Vortex in a Jar (1st-3rd grade) Students will learn what a vortex is and discover the role it plays in tornado and hurricane formation. In hands-on experiment, they will participate in creating a vortex.

Wooly Bears & Weather Folks (3rd - 6th grade) Explore changing weather patterns using prediction techniques of today and yesterday in our Weather Station, & techniques used by local meteorologists and good old American lore.

Science Exploration Programs:

Rub-a-Dub-Dub (Preschool - 3rd Grade) Principles of static electricity are explored in a fun and informative way. Students will use balloons to learn about attraction and repulsion and even make an electrometer.

Making Gluep (1st - 4th Grade) Can two liquids make a solid? Students will get make their own Gluep as they learn about changes in the state of matter. This is a gooey, fun learning experience.

Different Strokes (2nd - 4th Grade) Students will learn about permanent magnets and explore the properties of magnets and magnetic fields. They will learn how a simple nail can become a permanent magnet.

Mighty Microscopes (3rd-6th Grade) Microscopes reveal a new view of common items. Have you ever seen salt and sugar crystals? Did you know every tiny seed is different? Students will explore these and more with microscopes.

Urban Wildlife - (3rd - 6th Grade) Children will learn that their backyards are home to many different wild animals. They will learn to identify these animals, and why the Utica Marsh & the environment are important?

Space Exploration Programs:

Space Science Exploration (Preschool - 3rd Grade) In this program, the children learn about the 100 years of flight and why we explore space. Children will interact with our NASA exhibits and take a "ride" in our airplane!

Mission to MARS (1st-3rd Grade) In this program, students will learn about the Mars Rover Spirit & Opportunity missions, and why we need to examine the Red Planet. They will also view our Rover exhibits.

Toys in Space (4th-6th Grade) Would your toys work in zero gravity? NASA astronauts brought a series of toys on a shuttle mission to find out! Now you can do these physics experiments here on earth!

Command Control Center (4th-6th Grade) Students will interact in teams to design and create their own space patches. Working in our computer center, they will learn the importance of teamwork and the rewards that follow.

Living in Space (4th-6th Grade) What kind of training do NASA astronauts & Russian cosmonauts go through to live in space? What do you need to know for your 21st century travel, and why is that important?

Space Science Exploration (4th-6th Grade) Students will learn how space exploration helps improve life here on earth, how crucial it is to Science, and what the International Space Station & future goals are. They will observe and interact with our NASA exhibits & artifacts, including Mars Rover/Lunar Lander/Space Shuttle/Rockets.