



London Children's Museum
EDUCATION GUIDE
2023-2024



Education Programs

Learning happens when children play. Enhance classroom learning with an on-site, in-class, or virtual education program! All of our education programs are hands-on, Ontario Curriculum-connected, designed by an Ontario Certified Teacher, and facilitated live by a member of our Education Team.

	Virtual	On-Site	In-Class
Description	<p>Bring the London Children’s Museum into your classroom with a fully remote, live virtual education program!</p> <p>Students participate in a facilitated 50-minute virtual lesson taught by a London Children’s Museum team member.</p>	<p>Enrich classroom learning in an exciting environment that ignites curiosity and nurtures critical thinking.</p> <p>Students participate in a facilitated 50-minute program, then play throughout the museum!</p>	<p>Bring the museum into your classroom with artifacts and engaging hands-on experiences.</p> <p>Students participate in a 90-minute program, facilitated by a London Children’s Museum team member.</p>
Location	Online	London Children’s Museum 21 Wharnclyffe Rd S	Your classroom
Availability	<ul style="list-style-type: none"> September - June Monday - Friday 9:00 am - 4:00 pm ET 	<ul style="list-style-type: none"> September - June Tuesday - Friday Mondays in June 10:00 am - 2:00 pm 	<ul style="list-style-type: none"> September - June Monday - Friday 8:00 am - 4:00 pm
Pricing	\$100/class (no HST)	\$10/student (no HST)	\$10/student (no HST)
Students	No min. number of students	Min. 10 students (or \$100) per program; max. 30 students per program	Min. 15 students (or \$150) per program; max. 30 students per program

Virtual Education Programs

For students learning remotely



Dinosaurs

K BC, SRWB, DLMB, PSI

Gr 1 Science & Tech: Strand A+B

Learn about the giant creatures that roamed Earth 65 million years ago by examining fossilized dinosaur bones, footprints, teeth, and even coprolite! Become a paleontologist as you discover how fossils and skin impressions are formed.

Nest Building

Gr 1 Science & Tech: Strand A+B

Gr 2 Science & Tech: Strand A+B

Examine animal structures and discover what they reveal about the creatures who built them. Learn about behavioural adaptations of robins as you observe them building and using a nest. Apply your knowledge of nest building to design a nest of your own!

Seeds

Gr 3 Science & Tech: Strand A+B

Observe a microscopic view of a seed dissection. Examine different seed structures and discover how seeds turn into plants. Learn about seed dispersal and the different adaptations plants have that help seeds travel.

Food Chains

Gr 4 Science & Tech: Strand A+B+E

Gr 5 Science & Tech: Strand A+E

Explore sedimentary rocks as you observe real fossils! Discover the transfer of energy through prehistoric food chains by examining evidence found in coprolite - *fossilized dinosaur poop!* Learn how structural adaptations of different animals have allowed them to survive.

Stars & Meteorites

Gr 6 Science & Tech: Strand A+E

Explore outer space by examining constellations visible in Southwestern Ontario's night sky. Learn about the Greek mythology behind these constellations and observe a real meteorite from the London Children's Museum's collection!



Book Now!

[londonchildrensmuseum.ca/
request-virtual](https://londonchildrensmuseum.ca/request-virtual)



On-Site Education Programs

For students learning at the London Children's Museum



Field Trips

Self-Guided Field Trips

Give your class the chance to explore hands-on exhibits at their own pace!

- Offered September - June, Tuesday - Friday, 9:30 am - 5:00 pm; Mondays in June
- \$8.50/student +HST
- A chaperone-student ratio of 1:8 is required
- Students must be supervised at all times
- Teachers and chaperones are admitted for FREE
- Chaperones must be 16 years of age or older
- Curriculum connections available on our website!



On-Site Education Programs

Includes one hands-on, facilitated 50-minute program and self-guided museum exploration!

- Offered September - June, Tuesday - Friday, 10:00 am - 2:00 pm; Mondays in June
- \$10/student (no HST)
- A chaperone-student ratio of 1:8 is required
- Students must be supervised at all times
- Teachers and chaperones are admitted for FREE
- Chaperones must be 16 years of age or older
- London Children's Museum memberships & coupons cannot be applied
- Programs may be available *en français*. Please inquire at time of booking.



On-Site Education Programs

For students learning at the London Children's Museum

Construction Zone ^{*NEW}

K BC, SRWB, DLMB, PSI

Build, test, repeat! Explore the built environment at your own pace as you construct a variety of objects using creative builder sets, gears sets, and everyday materials!

Operation Solar System

K BC, SRWB, DLMB, PSI

Get ready to blast off in this planetarium-based program. Learners examine the mysteries of space, discover the science behind shooting stars and impact craters, and hold a real meteorite from our collection. Learn about the myths and legends of different constellations in a private star show.

Community & Me

K BC, SRWB, DLMB, PSI

Gr 1 Social Studies: Strand A+B

Sifton Street Where You Live becomes a buzzing city as students take on the roles and responsibilities of various community workers, interacting with each other and the structures around them. Learn the meaning of community and how each person has a vital role to play in the world.

Dinosaurs

K BC, SRWB, DLMB, PSI

Gr 1 Science & Tech: Strand A+B

Gr 2 Science & Tech: Strand A+B

Learn about the giant creatures that roamed Earth 65 million years ago by examining fossilized dinosaur bones, footprints, teeth, and even coprolite! Become a paleontologist, uncover buried bones, and discover how fossils and skin impressions are formed.

Arctic Adaptations

Gr 1 Science & Tech: Strand A+B+C

Gr 2 Science & Tech: Strand A+B

Discover the physical and behavioural adaptations of animals living in an Arctic environment. Learn about the daily challenges faced by the Arctic fox, including finding food, shelter, and water.

Junior Builder

Gr 2 Science & Tech: Strand A+D

With specialized creative builder sets, students use the engineering design process to build and test mechanisms that make objects move. Explore several types of simple machines created to make our day-to-day lives easier.

Coaster Mechanics

Gr 3 Science & Tech: Strand A+C+D

Explore the strength and stability of structures as you use the engineering design process to build a roller coaster for marbles. Learn about the forces acting on roller coasters and how they affect the motion of the marble.

Force of Gravity

Gr 3 Science & Tech: Strand A+C

Get hands-on with non-contact forces and discover the effects of gravity's pull. Employ the engineering design process to construct a device which uses the resisting force of air molecules to slow its fall. Put your design to the test by dropping it from the second floor of the museum!

Mechanisms in Motion

Gr 4 Science & Tech: Strand A+D

Learn about force and mechanical advantage by getting hands-on with pulleys and gears! Experiment with various pulley systems to determine the advantages and disadvantages of pulleys and pulley systems. Learn how gears work in a system to transform or change the speed, direction, or motion of an object as you experiment with working gear kits.

Reflections & Refractions

^{*NEW}

Gr 4 Science & Tech: Strand A+C

Explore how waves of light can be reflected and refracted! Experiment with ray boxes and mirror mazes to uncover the science behind light energy.



Book Now!

[londonchildrensmuseum.ca/
request-on-site](https://londonchildrensmuseum.ca/request-on-site)

In-Class Education Programs

For students learning in their classroom



All About Squirrels

K BC, SRWB, DLMB, PSI

Learn about the eastern gray squirrel as you explore your local environment! Discover their physical and behavioural adaptations as you learn about their nests, food, and importance in the ecosystem.

Bees, Bugs & Butterflies

May 1 - June 27, 2024

K BC, SRWB, DLMB, PSI

Pollinators are an essential part of the food system! Discover how bees communicate with each other and where they look to find pollen. Help local bees, butterflies, and beetles as you contribute to pollinator habitats and learn about pollinator conservation.

Melody Makers

K BC, SRWB, DLMB, PSI

Examine musical instruments from around the world! Play real percussion instruments, experiment with beat, rhythm, and tempo, and explore how these elements impact the way people feel. Make instruments with natural materials and turn the playground into an outdoor symphony!

Prehistoric Predators & Prey *NEW

K BC, SRWB, DLMB, PSI

Learn about dinosaurs and the animals that roamed Earth alongside them more than 65 million years ago! What type of food did they eat? How big or small were they? Discover their physical adaptations as you examine real fossils, uncover and identify fossil replicas in the mobile dig pit, and create fossil impressions.

Coding Critters *NEW

Gr 1 Science & Tech: Strand A+B;

Math: Strand C

Gr 2 Science & Tech: Strand A+B;

Math: Strand C

What do animals need in order to survive in their environment? Use unplugged coding to help a critter find food, water, and shelter in its natural habitat! Explore how humans can impact the critter and their environment, and discover how this might change your code.

Nest Building

October 2 - November 16, 2023 &

April 22 - June 27, 2024

Gr 1 Science & Tech: Strand A+B

Gr 2 Science & Tech: Strand A+B

Examine animal structures in your local environment and discover what these structures reveal about the creatures who built them. Take a nature walk using picture guides to help locate animal habitats. Collect materials along the way and recreate your own animal structures.

Whale Adaptations

Gr 1 Science & Tech: Strand A+B

Gr 2 Science & Tech: Strand A+B

Get up close with larger-than-life creatures. Learn about baleen whales' unique filter-feeding system by examining real baleen from our collection. Conduct a whale blubber experiment and compare beluga vertebrae with land animal vertebrae.

Seeds

Gr 3 Science & Tech: Strand A+B

Observe a microscopic view of a seed dissection. Examine different seed structures and discover how seeds turn into plants. Learn about seed dispersal and the different adaptations plants have that help seeds travel.

Functional Frameworks

*NEW

Gr 3 Science & Tech: Strand A+D

Gr 5 Science & Tech: Strand A+D

Experiment with structural frameworks as you engage in the engineering design process. Explore the internal and external forces that affect your structures' strength and/or stability as you design, build, and test your own structures.

In-Class Education Programs

For students learning in their classroom

Fossilized Food Chains

Gr 4 *Science & Tech: Strand A+B+E*

Explore sedimentary rocks as you investigate real fossils! Compare modern local food chains with prehistoric ones by examining evidence found in coprolite - *fossilized dinosaur poop!* Create your own mock coprolite, representative of an omnivore, herbivore, or carnivore diet.

Making Waves

Gr 4 *Science & Tech: Strand A+C*

What does sound look like? How is a rainbow made? Visualize light and sound waves with a resonance bowl and ray boxes. Explore how these waves can be reflected and refracted!

Making Paper

Gr 5 *Science & Tech: Strand A+C*

Take part in the paper-making process and learn about the environmental benefits of recycling paper products! Use paper scraps from your own classroom to recycle paper into new products. Learn how to better support the sustainability of everyday products.

Note: This program requires volunteer support in addition to London Children's Museum staff and classroom teacher.

Turbine Technology

**NEW*

Gr 5 *Science & Tech: Strand A+C*

Gr 6 *Science & Tech: Strand A+C*

Explore the kinetic energy of wind and how it can be transformed into electrical energy. Build and test working wind turbines, and evaluate what design features impact the amount of energy a turbine can produce. What long-term impacts might these turbines have on the local environment?

Stars & Meteorites

Gr 6 *Science & Tech: Strand A+E*

Observe constellations visible in Southwestern Ontario's night sky and learn about the Greek mythology behind them. Discover the history behind mission patches as you examine real mission patches from the London Children's Museum's collection, and design your own mission patch button!



Book Now!

[londonchildrensmuseum.ca/
request-in-class](https://londonchildrensmuseum.ca/request-in-class)

Climate Change Program

Limited-time offering

Power of Plants

Gr 3 *Science & Tech: Strand A+B*

Gr 4 *Science & Tech: Strand A+B*

Learn about climate change and the role plants play in mitigating its effects in microclimates. Investigate aspects of urban landscapes that impact greenhouse gas emissions and how these gases affect the environment. Explore daily actions we can take to reduce greenhouse gas emissions in our local communities. This special in-class program takes place over two sessions. Student work, directed by the classroom teacher, is required between sessions.

Two session program: First session will take place between May 6 - 17, 2024.

Power of Plants is a GenAction initiative! Space is limited for this fully subsidized program.



[londonchildrensmuseum.ca/
form/power-of-plants](https://londonchildrensmuseum.ca/form/power-of-plants)



Book Your Education Program



Book Now

[londonchildrensmuseum.ca/
education](https://londonchildrensmuseum.ca/education)

**Request an On-Site, In-Class, or
Virtual Education Program:**

londonchildrensmuseum.ca/education

Request a Self-Guided Field Trip:

londonchildrensmuseum.ca/group-bookings

Questions?

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