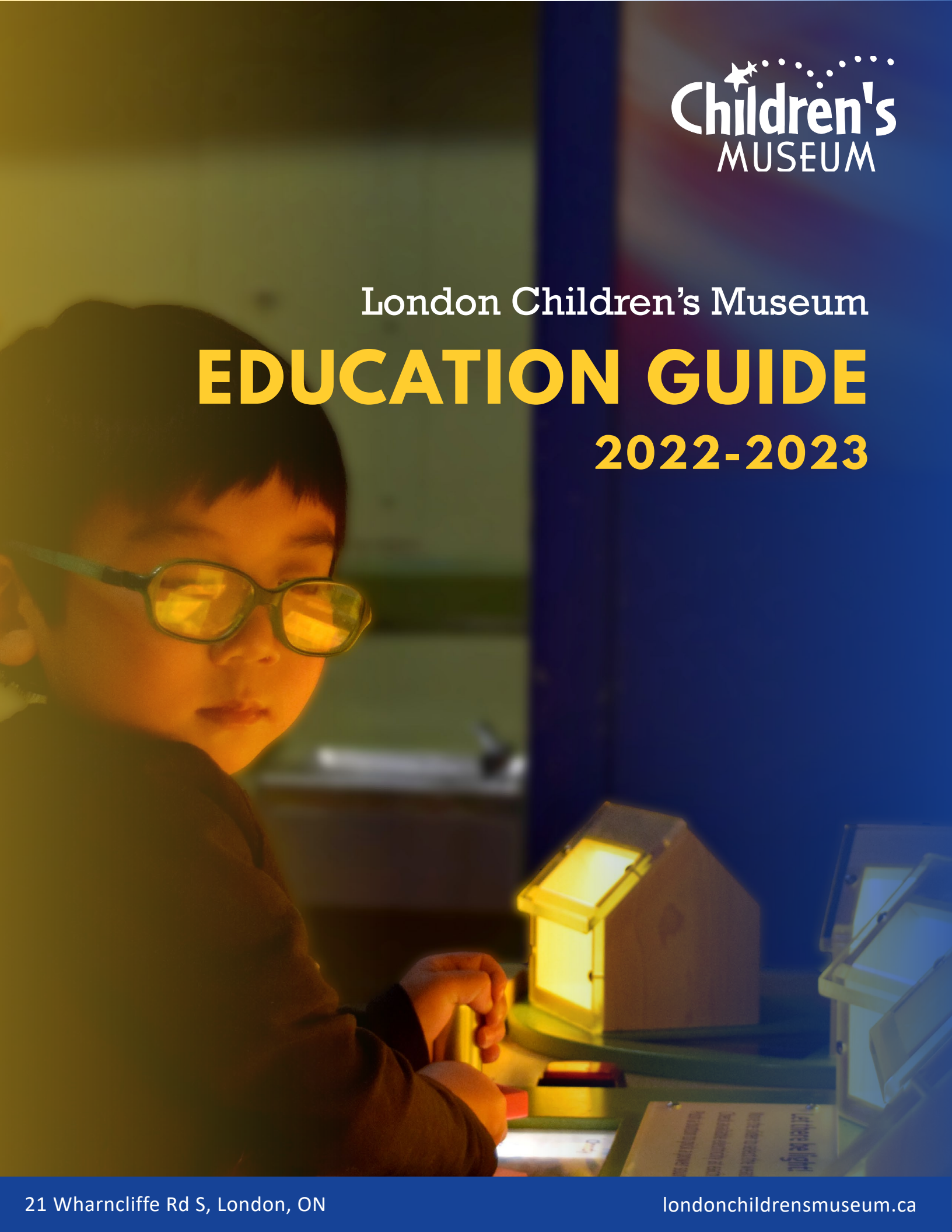


London Children's Museum

EDUCATION GUIDE

2022-2023





Education Programs from the London Children's Museum

Enriching curriculum-connected learning

The London Children's Museum understands the value of play-based learning. All education programs are Ontario curriculum-connected and designed by an Ontario Certified Teacher.

Education programs are available at the London Children's Museum, in the classroom, and virtually.

Field Trips

On-Site Education Programs

Includes one interactive program and self-guided museum exploration! See pages 3-5 for details, pricing, and program descriptions.

- 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.

Self-Guided Field Trips

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

- Offered Sept - Jun, Tues - Fri, 9:30 am - 5:00 pm; Mon 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





Education Programs

Enhance classroom learning with an on-site, in-class, or virtual education program!

All programs are facilitated live by a member of the London Children's Museum Education team.

	On-Site	In-Class	Virtual
Description	<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 portable exhibit components.</p> <p>Students participate in a 90-minute in-class program, facilitated by a London Children's Museum team member.</p>	<p>Bring the London Children's Museum into your classroom with fully remote, live virtual education programs!</p> <p>Students participate in a 50-minutes lesson taught virtually by a London Children's Museum team member.</p>
Location	London Children's Museum 21 Wharnccliffe Rd S	Your classroom	Remote virtual program
Availability	<ul style="list-style-type: none"> September - June Tuesday - Friday Mondays in June 9:30 am - 3:00 pm 	<ul style="list-style-type: none"> September - June Monday - Friday 8:00 am - 3:30 pm 	<ul style="list-style-type: none"> September - June Monday - Friday 8:00 am - 3:30 pm
Pricing	\$10/student (no HST)	\$10/student (no HST)	\$100/class (no HST)
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	No min. number of students

Curriculum Connections

On-Site Education Programs

Arctic Adaptations	K	1	2	3	4	5	6	Science & Tech: Stem Skills & Connections, Life Systems, Earth & Space Systems* (*Gr 1 only)
Coaster Mechanics	K	1	2	3	4	5	6	Science & Tech: Stem Skills & Connections, Matter & Energy, Structures & Mechanisms
Community & Me	K	1	2	3	4	5	6	B&C, SR&WB, DL&MB, PS&I (K); Social Studies: Heritage & Identity, People & Enviro (Gr 1)
Dinosaurs	K	1	2	3	4	5	6	B&C, SR&WB, DL&MB, PS&I (K); Science & Technology: Stem Skills & Connections, Life Systems (Gr 1)
Force of Gravity	K	1	2	3	4	5	6	Science & Tech: Stem Skills & Connections, Matter & Energy
Gear Systems	K	1	2	3	4	5	6	Science & Tech: Stem Skills & Connections, Structures & Mechanisms
Junior Builder	K	1	2	3	4	5	6	B&C, SR&WB, DL&MB, PS&I (K); Science & Tech: Stem Skills & Connections, Structures & Mechanisms (Gr 2)
Operation Solar System	K	1	2	3	4	5	6	B&C, SR&WB, DL&MB, PS&I
Pulley Systems	K	1	2	3	4	5	6	Science & Tech: Stem Skills & Connections, Structures & Mechanisms

In-Class Education Programs

All About Squirrels	K	1	2	3	4	5	6	B&C, SR&WB, DL&MB, PS&I
Bees, Bugs, & Butterflies	K	1	2	3	4	5	6	B&C, SR&WB, DL&MB, PS&I
Bridge Building	K	1	2	3	4	5	6	Science & Tech: Stem Skills & Connections, Structures & Mechanisms
Fossilized Food Chains	K	1	2	3	4	5	6	Science & Tech: Stem Skills & Connections, Life Systems, Earth & Space Systems
Gnome Homes	K	1	2	3	4	5	6	Science & Tech: Stem Skills & Connections, Structures & Mechanisms
Making Paper	K	1	2	3	4	5	6	Science & Tech: Stem Skills & Connections, Matter & Energy
Making Waves	K	1	2	3	4	5	6	Science & Tech: Stem Skills & Connections, Matter & Energy
Melody Makers	K	1	2	3	4	5	6	B&C, SR&WB, DL&MB, PS&I
Nest Building	K	1	2	3	4	5	6	Science & Tech: Stem Skills & Connections, Life Systems
Seeds	K	1	2	3	4	5	6	Science & Tech: Stem Skills & Connections, Life Systems
Stars & Meteorites	K	1	2	3	4	5	6	Science & Tech: Stem Skills & Connections, Earth & Space Systems
Whale Adaptations	K	1	2	3	4	5	6	Science & Tech: Stem Skills & Connections, Life Systems

Virtual Education Programs

Dinosaurs	K	1	2	3	4	5	6	B&C, SR&WB, DL&MB, PS&I (K); Science & Tech: Stem Skills & Connections, Life Systems (Gr 1)
Food Chains	K	1	2	3	4	5	6	Science & Tech: Stem Skills & Connections, Life Systems*, Earth & Space Systems (*Gr 4 only)
Nest Building	K	1	2	3	4	5	6	Science & Tech: Stem Skills & Connections, Life Systems
Seeds	K	1	2	3	4	5	6	Science & Tech: Stem Skills & Connections, Life Systems
Stars & Meteorites	K	1	2	3	4	5	6	Science & Tech: Stem Skills & Connections, Earth & Space Systems

On-Site Education Programs

For students learning at the London Children's Museum



Arctic Adaptations

Grade 1 and 2

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

Coaster Mechanics

Grade 3

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.

Community & Me

Kindergarten and Grade 1

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

Kindergarten and Grade 1

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.

Force of Gravity

Grade 3

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!

Gear Systems

Grade 4

Explore clockwork toys from our Alan Benninger Collection. Discover their inner workings by dissecting a modern clockwork toy. Experiment with working gear kits and learn how gears work in a system to transform or change the speed, direction, or motion of an object.

Junior Builder

Kindergarten and Grade 2

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.

Operation Solar System

Kindergarten

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.

Pulley Systems

Grade 4

Learn about force and mechanical advantage by getting hands-on with pulleys! Experiment with various pulley systems to determine the advantages and disadvantages of pulleys and pulley systems.

In-Class Education Programs

For students learning in their classroom



All About Squirrels

Kindergarten

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 29, 2023

Kindergarten

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.

Bridge Building

Grade 5

Investigate the impact of different forces acting on structures. Explore how shape affects the strength and stability of a structure, and use the engineering design process to build and evaluate a bridge.

Fossilized Food Chains

Grade 4

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.

Gnomes Homes

September 26 - November 18, 2022 &

April 11 - June 29, 2023

Grade 3

What does a gnome need to build a stable home? What factors affect a structure's strength and stability? Gather natural materials and use the engineering design process to build a home for your own gnome.

Making Paper

Grade 5

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.

Making Waves

Grade 4

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!

Melody Makers

Kindergarten

Examine musical instruments from around the world! Play real percussions 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!

Nest Building

September 26 - November 18, 2022 &

April 11 - June 29, 2023

Grade 1 and 2

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.

Seeds

Grade 3

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.

Stars & Meteorites

Grade 6

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

Whale Adaptations

Grade 1 and 2

Get up close with larger-than-life creatures. Learn about 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.

Climate Change Program

Limited-time offering



Power of Plants

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 program takes place over two sessions. Student work, directed by the classroom teacher, is required between sessions.

Grade 3 and 4 Curriculum Connections: Science and Technology: Stem Skills and Connections, Life Systems

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



Virtual Education Programs

For students learning remotely



Dinosaurs

Kindergarten and Grade 1

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.

Seeds

Grade 3

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.

Stars & Meteorites

Grade 6

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

Nest Building

Grade 1 and 2

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!

Food Chains

Grade 4 and 5

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.

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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