

EDUCATION PROGRAM GUIDE WINTER/SPRING 2024

OUTREACH
PROGRAMS
NOW AVAILABLE!



THE MUSEUM

WELCOME TO THEMUSEUM!



THEMUSEUM is a premier cultural destination dedicated to presenting fresh, inspired content from around the globe in unique and immersive ways designed to showcase art & technology at play.

WHAT TO EXPECT ON YOUR VISIT:

- *Up to two guided interactive programs of your choice.*
- *Free exploration of THEMUSEUM's galleries & exhibitions.*
- *Reserved lunch break and coatroom storage area.*
- *Flexible day scheduling for up to 90 students per day.*



ABOUT THE UNDERGROUND STUDIO MAKERSPACE

The Underground Studio MakerSpace is a hands-on learning environment for children and youth to explore the fields of S.T.E.A.M. We provide access to the tools and techniques required to shape the creators, inventors and thinkers of tomorrow!



EXHIBITIONS

EYEPOOL

**DIVE INTO OUR DIGITAL
IMMERSIVE EXPERIENCE!**



THE PLAYGROUND

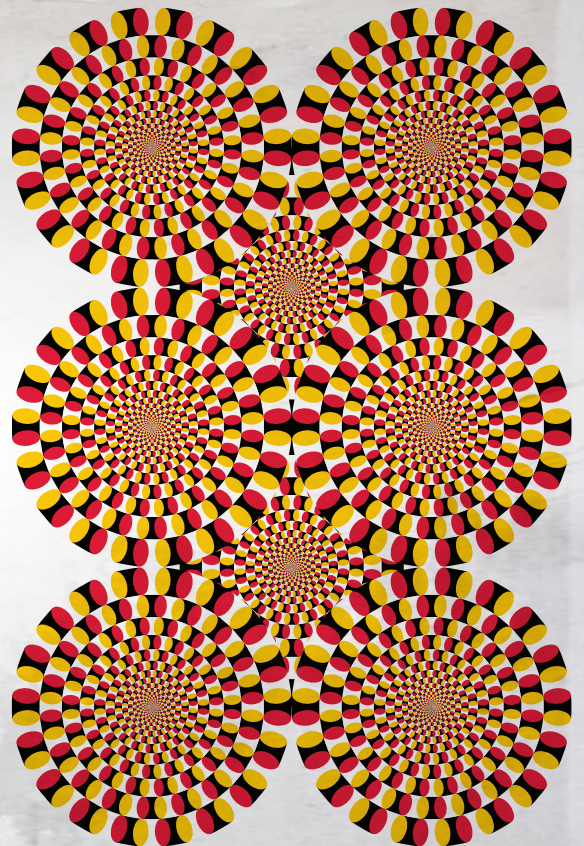
ART & TECHNOLOGY AT PLAY



FRAME OF MIND

AN ILLUSION EXPERIENCE

Frame of Mind | An Illusion Experience features 29 hand-painted 3D scenes that let you step into many different worlds! During your visit, look out for other optical illusions to see how your brain can play tricks on you!



PROGRAMMING DESCRIPTIONS

With diverse exhibitions and engaging programs, we are proud to offer an extensive range of museum experiences designed to support and enhance the lessons taught in your classrooms.

THEMUSEUM PROGRAMS

Along the Lines of Colour

Unleash your inner artist and explore the world of colour! Investigate how artists use colour, texture, shape, and line to create different feelings, ideas and messages through their art. Learn how to paint like the masters and complete a colour-filled art challenge.

Come to Your Senses

Put your senses to the test and be amazed by your brain's extraordinary ability to decode the world around it in this highly interactive workshop exploring the five senses to enrich students with a better understanding of the brain's connection to the human body.

Disaster Strikes!

Explore the impact of Mother Nature on our planet as students play THEMUSEUM's original board game, Disaster Strikes! Understand how communities around the world cope with the devastation caused by natural disasters and find out if your city can survive nature unleashed!

Discover Space

Explore the night sky and blast off into outer space in our StarLab planetarium. Discover planets, moons, stars and satellites while uncovering humans' relation to our solar system. End the visit by working in teams to launch your very own rocket in our atrium!

Kids in Motion A Healthy Start

Meet KiM, our Kids in Motion mascot! Learn about different parts of the body in this interactive program. Move and groove to get your heart pumping and learn about healthy foods.

Kids Inspiring Change Energy in Our Lives

Investigate solar power and energy conservation through a series of hands-on activities and learn about the importance of the sun.

Mission Possible

THEMUSEUM needs your help! Use teamwork and inquiry skills to solve mysteries throughout THEMUSEUM to figure out 'who did it'.

The Power of Light

Do gooders unite! Explore the powers of light in our super heroes in training program. Learn how to harness the properties of light to create your own superhero gadgets.

Protect That Brain!

Your task is simple – protect the brain. Explore the amazing science behind the human brain and the amazing things it is capable of, and why it's so important to protect it from injury. Students will then work in teams to design and test a helmet to protect a stand-in brain from injury.

Protecting Pollinators

What's all the buzz about? From bees and bats, to birds and beetles, explore the world of pollinators and discover their vital importance to our ecosystem. Students will make a bee-friendly watering dish to take home to help protect pollinators!

StarLab Presentations

Take your class on a virtual trip of the stars. Understand planets, moons, stars, and satellites while you travel through space and uncover mysteries of our solar system!

What Makes Rocks Brilliant?

Take a trip below the surface of the Earth, and explore the composition, formation and interaction between minerals. Examine rocks & crystals and learn scientific terminologies through interactive activities. You can even mine your own crystals!

Indigenous Intersections

March 25 - March 28, 2024

Students will have the unique opportunity to learn about the traditions and culture of Indigenous communities through a variety of interactive and engaging workshops.

Medieval Week

May 6 - May 10, 2024

Hear Ye! Hear Ye! Students will travel back in time and experience the challenges, intrigue and excitement of living during medieval times.

SOLD OUT!

80% SOLD

THE UNDERGROUND STUDIO MAKERSPACE PROGRAMS

Against the Grain: Woodbots Woodworking

Using pre-cut blocks and scrap wood, hot glue, drills, and saws, students will make their own wooden robot! Each one will be unique!

Conduction Junction Circuitry

Using conductive tape, students will learn how a circuit works to create their very own light up card!

Destination Disassembly Deconstruction

Using pliers, hot glue, saws and screwdrivers, students will learn how toys work by deconstructing them, combining parts from other toys to create their own unique creation!

Hello, Mr. Robot (Jr.) Computer Programming

Using our Ozobots and markers, students will be challenged to get their Ozobot to go through a track by following codes.

Hello, Mr. Robot (Sr.) Computer Programming

Students will learn about computer programming and coding using our Ozobots. They will work in pairs to get their Ozobot to make its way through a track by measuring the distance and converting mm to cm! Tracks vary by skill and grade level.

Light it Up! Circuitry & Textiles

Using conductive thread, learn how to sew proper stitches to create a wristband that lights up when worn!

Reduce, Reuse, Upcycle! Repurposing & Textiles

Using plastic bags, irons and creativity, students will learn about plastic's impact on the environment and create their own reusable bag.

Screen Time Screen Printing

Using screens, vinyl and ink, students will learn the history of Screen Printing and print their initials on a tote bag!



PROGRAMS BY GRADE

BOOK ONLINE
NOW AT
THEMUSEUM.CA



PERMANENT PROGRAMS

Along the Lines of Colour	K	1	2	3	4	5	6	7	8	9	10	11	12	60mins	The Arts: <i>Visual Arts</i>
Come to Your Senses	K	1	2	3	4	5	6	7	8	9	10	11	12	60mins	Science & Technology: <i>Understanding Life Systems</i>
Disaster Strikes!	K	1	2	3	4	5	6	7	8	9	10	11	12	60mins	History and Geography: <i>Global Settlement</i>
Discover Space	K	1	2	3	4	5	6	7	8	9	10	11	12	90mins	Science and Technology: <i>Understanding Earth and Space Systems</i>
Kids in Motion A Healthy Start	K	1	2	3	4	5	6	7	8	9	10	11	12	60mins	Science and Technology: <i>Understanding Life Systems</i> Health and Physical Education: <i>Healthy Living</i>
Kids Inspiring Change Energy in Our Lives	K	1	2	3	4	5	6	7	8	9	10	11	12	60mins	Science and Technology: <i>Understanding Matter and Energy</i>
Mission Possible	K	1	2	3	4	5	6	7	8	9	10	11	12	60mins	The Kindergarten Program: <i>DLMB and PS</i>
The Power of Light	K	1	2	3	4	5	6	7	8	9	10	11	12	60mins	Science and Technology: <i>Understanding Matter and Energy</i>
Protect That Brain	K	1	2	3	4	5	6	7	8	9	10	11	12	60mins	Science & Technology: <i>Understanding Life Systems</i> Science & Technology: <i>Structures & Mechanisms</i>
Protecting Pollinators	K	1	2	3	4	5	6	7	8	9	10	11	12	60mins	Science & Technology: <i>Life Systems</i>
StarLab Presentations	K	1	2	3	4	5	6	7	8	9	10	11	12	30mins	Science and Technology: <i>Understanding Earth and Space Systems</i>
What Makes Rocks Brilliant?	K	1	2	3	4	5	6	7	8	9	10	11	12	60mins	Science & Technology: <i>Rocks, Minerals, and Geological Processes</i>

THEMED PROGRAMS

SOLD OUT!	Indigenous Intersections	K	1	2	3	4	5	6	7	8	9	10	11	12	Full Day	Social Studies: <i>Past & Present Societies</i>
80% SOLD	Medieval Week	K	1	2	3	4	5	6	7	8	9	10	11	12	Full Day	Social Studies: <i>Past & Present Societies</i>

THE UNDERGROUND STUDIO MAKERSPACE PROGRAMS

Against the Grain: Woodbots	K	1	2	3	4	5	6	7	8	9	10	11	12	75mins	Mathematics; The Arts; Science and Technology
Conduction Junction	K	1	2	3	4	5	6	7	8	9	10	11	12	75mins	Science and Technology
Destination Disassembly	K	1	2	3	4	5	6	7	8	9	10	11	12	75mins	The Arts; Science and Technology
Hello, Mr. Robot (Jr.)	K	1	2	3	4	5	6	7	8	9	10	11	12	75mins	Science and Technology; Mathematics
Hello, Mr. Robot (Sr.)	K	1	2	3	4	5	6	7	8	9	10	11	12	75mins	Science and Technology; Mathematics
Light it Up!	K	1	2	3	4	5	6	7	8	9	10	11	12	75mins	Science and Technology
Reduce, Reuse, Upcycle!	K	1	2	3	4	5	6	7	8	9	10	11	12	75mins	Science & Technology: <i>Relating Science and Technology to Our Changing World</i>
Screen Time	K	1	2	3	4	5	6	7	8	9	10	11	12	75mins	The Arts; <i>Spatial Sense</i>

TEACHER & ECE MEMBERSHIPS

Visit before your class arrives with our FREE Teacher & ECE Memberships!
To sign up, visit our Guest Services desk during your visit and show your ID.

NEW!

OUTREACH PROGRAMS

Bring THEMUSEUM to you with our new Outreach Programs! We've adapted our most popular programs to travel to you and bring the fun and excitement directly to your students.

WHAT TO EXPECT:

- *An energetic and interactive program delivered at your school and fully guided by THEMUSEUM educators.*
- *Fun and engaging activities and challenges designed to engage your students' creativity and reinforce the lessons taught in your classroom.*
- *Flexible scheduling for up to 30 students per session and up to five sessions per day.*

OUTREACH PROGRAMS BY GRADE

Conduction Junction	K	1	2	3	4	5	6	7	8	9	10	11	12	60mins	Science and Technology
Hello, Mr. Robot	K	1	2	3	4	5	6	7	8	9	10	11	12	60mins	Science and Technology; Mathematics
Protect That Brain	K	1	2	3	4	5	6	7	8	9	10	11	12	60mins	Science & Technology: Understanding Life Systems Science & Technology: Structures & Mechanisms
3, 2, 1, Blast Off!	K	1	2	3	4	5	6	7	8	9	10	11	12	60mins	Science and Technology: Understanding Earth and Space Systems
StarLab Presentations	K	1	2	3	4	5	6	7	8	9	10	11	12	45mins	Science and Technology: Understanding Earth and Space Systems

OUTREACH PROGRAM DESCRIPTIONS

Conduction Junction

What is a circuit? How does it work? In this workshop, students will learn the answers to those questions by using conductive tape, LEDs and a battery, to create their very own light up card. Circuit-types vary by grade and skill level.

Hello, Mr. Robot

In this colourful workshop, students will learn about programming and coding using our Ozobots! Ozobots are small robots that follow colour coded patterns! Using markers, students will get their 'bot to follow a specific track and entering the correct codes to get from point A to point B. Tracks vary by grade and skill level.

Protect That Brain

Your task is simple – protect the brain. Explore the amazing science behind the human brain, the incredible things it is capable of and why it is so important to protect it from injury. Investigate a variety of helmets, both new and old, and work in teams to design your own helmet to protect a stand-in brain from injury.

3, 2, 1, Blast Off!

3, 2, 1, blast-off into space as students explore the principles of rocket aerodynamics by working in teams to design, build and test launch their very own rockets. Launches may take place indoors as high as four-storeys, or outside where the sky is the limit!

StarLab Presentations

Explore the night sky and blast off into outer space in our portable StarLab planetarium. Discover planets, moons, stars and satellites while uncovering the mysteries of our solar system!

Booking Details and How-To

Request an Outreach visit online and a THEMUSEUM representative will follow up with you to plan our day with your school.

Outreach Programs only available to locations within 40km of THEMUSEUM [10 King Street West, Kitchener, ON]



VIRTUAL FRENCH PROGRAMS

NEW!

THEMUSEUM is proud to offer some of our most popular programs in French! These pre-recorded lessons and activities explore a variety of themes and curriculum topics while students practice their French language skills.

WHAT TO EXPECT:

- *Pre-recorded lessons on Ontario curriculum subjects such as visual arts, space and exploration, computer coding and more!*
- *Hands-on follow-along activities with accompanying classroom materials included.*
- *Flexible online access to your programs for the duration of school term, allowing students to rewatch programs as required.*

VIRTUAL FRENCH PROGRAMS BY GRADE

Suivant les Lignes de la Couleur	K	1	2	3	4	5	6	7	8	9	10	11	12	Science and Technology
Dinosauria	K	1	2	3	4	5	6	7	8	9	10	11	12	Science and Technology; Mathematics
Le Pouvoir de la Lumière	K	1	2	3	4	5	6	7	8	9	10	11	12	Science & Technology: Understanding Life Systems Science & Technology: Structures & Mechanisms
Laboratoire des Étoiles	K	1	2	3	4	5	6	7	8	9	10	11	12	Science and Technology: Understanding Earth and Space Systems
Jonction de Conduction	K	1	2	3	4	5	6	7	8	9	10	11	12	Science and Technology: Understanding Earth and Space Systems
Bonjour M. Robot Jr.	K	1	2	3	4	5	6	7	8	9	10	11	12	Science and Technology: Mathematics
Allumez!	K	1	2	3	4	5	6	7	8	9	10	11	12	Science & Technology: Understanding Life Systems Science & Technology: Structures & Mechanisms

VIRTUAL FRENCH PROGRAM DESCRIPTIONS

Suivant les Lignes de la Couleur

Unleash your inner artist and explore the world of colour! Investigate how artists use colour, texture, shape, and line to create different feelings, ideas and messages through their art. Learn how to paint like the masters and complete a colour-filled art challenge.

Dinosauria

Calling all Paleontologists! Let's travel back to the time of dinosaurs and uncover the secrets of these prehistoric creatures. Students will virtually explore the island of Dinosauria and learn everything there is to know about dinosaurs.

Le Pouvoir de la Lumière

Do gooders unite! Explore the powers of light in our super heroes in training program. Learn how to harness the properties of light to create your own superhero gadgets.

Laboratoire des Étoiles

Take your class on a virtual trip of the stars. Understand planets, moons, stars, and satellites while you travel through space and uncover mysteries of our solar system!

Jonction de Conduction

Circuitry & Soldering

Using conductive tape, students will learn how a circuit works to create their very own light up card!

Bonjour M. Robot Jr.

Computer Programming

In this workshop, students will learn about computer programming and coding! Students have the opportunity to explore the Scratch platform and program their own short animation.

Allumez!

Circuitry & Textiles

Using conductive thread, makers will learn how to sew proper stitches to create a wristband that lights up when worn!



SCHOOL GROUP RATES

Self-Guided Exploration	\$7.00 / Student
Single Guided Education Program	\$10.00 / Student
Double Guided Education Programs (same day visit)	\$14.00 / Student
The Underground Studio MakerSpace Program	\$15.00 / Student
Makerspace Program + Education Program Combo	\$20.00 / Student
Themed Education Program	\$16.00 / Student
Education Outreach Program	\$250.00 / Class + Mileage @ \$0.68/km
Virtual French Program	\$150.00 / Class
Teachers	FREE (with education programming and valid OCT card)
Adult Supervisors within assigned student ratio	FREE
Additional Supervisors	\$8.85^{+HST}

*JK - Grade 12 visiting as a school/class only. Rates may not include special exhibitions and/or program offerings. Programs and prices may be subject to change. Teachers can submit a school booking request at any time, but must be confirmed at least 14 days prior to the program.

THEMUSEUM.ca

10 King St. West

Kitchener, Ontario, N2G 1A3

📞 **519 749 9387 Ext. 293**

✉ **Education@THEMUSEUM.ca**

📷 **@THEMUSEUM**

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