

Today, they're Scientists in School ...

For Best
Possible Dates

BOOK EARLY

www.scientistsinschool.ca



**SCIENTISTS
IN SCHOOL**

2018-2019 SCIENTISTS IN SCHOOL PROGRAM CATALOGUE

Inquiry-based STEM workshops for Kindergarten to Grade 8

**CITY OF GUELPH, WATERLOO, HALTON AND PEEL REGIONS, WELLINGTON
AND DUFFERIN COUNTIES**

SCIENTISTS IN SCHOOL

A non-profit offering experiential science, technology, engineering, math (STEM), and environmental workshops.

Your inquisitive students, under the guidance of experts, will become scientists, engineers and environmental stewards while developing the global competency skills they need for tomorrow's workforce.

Our workshops offer:

- ➔ An inquiry-based, curriculum-enriching experience with plentiful scientific materials
- ➔ Local presenters who are scientists, engineers, technologists and more
- ➔ The opportunity to highlight STEM careers
- ➔ Post-workshop extension packages to support your lessons
- ➔ Fun and relevant content that builds critical thinking, collaboration, creativity, communication, and problem-solving skills

We work with teachers, educators and school boards to ensure that our program aligns with curriculum, student and educator needs.

Like you, our goal is to inspire all children to realize their dreams, regardless of their future aspirations.

Our Mission is to ignite scientific curiosity in children so that they question intelligently; learn through discovery; connect scientific knowledge to their world; are excited about science, technology, engineering and math; and have their interest in careers in those fields piqued. Our Vision is for all young Canadians to be actively engaged in the seeing, doing and understanding of science.

OUR IMPACT BY THE NUMBERS

(2017-2018: Ontario)



634,000

Children and youth inspired through workshops



23,478

Half-day classroom workshops delivered



58,700

Parent volunteers joined in the classroom



1,585,000

Face time hours of investigation



9,000,000

Young scientists across Ontario and Alberta since 1989!

COLLABORATORS IN EDUCATION:

We use an evidence-based approach to provide high-impact workshops that enhance curriculum and provide real-world experiences for your students. A recent post-workshop survey* of first-time users (teachers) of our workshops showed:

94%

discovered new ideas to use in their science program

86%

felt our workshops heightened student interest in STEM

85%

felt our workshops helped their students better understand the STEM done in class

83%

felt Scientists in School encouraged their students to use critical-thinking skills, evidence-based reasoning and argumentation

* Survey conducted in 140 schools by Western University researchers

K

Kindergarten Workshops

Fee: \$205.00

Maximum 30 students/workshop

Backyard Bugs

Follow-up Teacher Resources | Volunteers Required

“Bee” an entomologist. Meet the insect family and their relatives. Develop a new appreciation for bugs by investigating how they behave, eat, see and hear. Camouflage as a butterfly and see the world through the eyes of a dragonfly. Identify interesting backyard bugs and make an insect to take home.

I Can Be A Scientist

Follow-up Teacher Resources | Volunteers Required

Become a working scientist as you dig for dinosaur bones and make a fossil as a paleontologist. Investigate sea life as a marine biologist and fly into outer space as an astronaut. Experiment with mixing and dissolving to create an erupting volcano as you try out the sciences of chemistry, physics and geology.

Magnet Magic For Little Explorers

Follow-up Teacher Resources | Volunteers Required

Uncover the power of attraction by investigating magnets. Explore how magnets like to push and pull. Discover what magnets find attractive and if magnetic forces work through a variety of materials. Search for sandbox treasures, go fishing and make a magnetic wand to test at home.

Sensational Science

Volunteers Required

Investigate how your senses help you understand the world. See if your eyes can fool your taste buds with our taste test and discover how you can see and feel sound waves! Read with your fingers and build your touch vocabulary. See how the world looks through different eyes.



Simply Marvellous Machines

Follow-up Teacher Resources | Volunteers Required

Discover how simple machines help you every day. Find simple machines at an imaginary playground as you experiment with inclined planes, dig with wedges and make a lever to test at home. Investigate how pulleys make work easier and explore how to make bubbles using gears. Measure the difference a machine makes!

There's No Place Like Home!

Volunteers Required

Follow footprints and other clues to find the home of the mystery animal. Develop a lifelong respect for the environment by learning about a variety of habitats. Examine worms and unearth their importance. Discover that sea water is salty and meet an animal that carries its home.

“I organize a Scientists in School workshop for the little scientists in my class each year. The students are so engaged with the various hands-on materials they bring. They are able to ask questions, make predictions, test out their hypotheses, and create meaning and understanding from their explorations. The resources and materials that are brought into the classroom are amazing, and truly spark a love for science and technology. I will definitely keep Scientists in School on our ‘Must Do List’ for next year!”

BOOK ONLINE - IT'S EASY!

Visit www.scientistsinschool.ca to book your workshop, and find our cancellation and booking policies.

DOWNLOAD RESOURCES!

Visit www.scientistsinschool.ca and discover our Teacher Resources and STEM-based activities.

1

Grade One Workshops

Fee: \$205.00

Maximum 30 students/workshop

Animal Coverings And Adaptations

Combined Grade Content 1-2

Follow-up Teacher Resources | Volunteers Required

How does beaver fur feel compared to raccoon fur? What does a butterfly wing really look like? Explore some of nature's most unusual coverings including quills, shells, scales, feathers and fur. Investigate the insulating properties of animal coverings and discover some of the amazing adaptations animals use to survive their environment and seasonal changes.

Energy Makes It Happen

Matter and Energy | Follow-up Teacher Resources

Volunteers Required

Investigate the sun's power by exploring the impact energy has on our lives. Make a bubble grow using heat from thermal energy. Discover the energy needed to power different devices and learn about energy conservation. Build a sun chain to learn that the sun is the Earth's primary energy source. Create paintings using solar power.

Keep Track: Animal Autographs

Life Systems | Combined Grade Content 1-2

Volunteers Required

Become a detective and learn how to identify clues left behind by a variety of mammals, birds and reptiles. Examine feathers, nests, skulls, quills, scat, pellets, chewed logs and antlers. Research animals and their food, habitat and strategies for survival. Identify animals by sound or by their tracks.

Kitchen Chemistry For Curious Kids

Special Interest | Combined Grade Content 1-2

Follow-up Teacher Resources | Volunteers Required

As a food scientist, investigate what yeast needs to grow and how to blow up a balloon by mixing a solid with a liquid. Challenge your powers of observation while making a surprise drink and make a mystery substance that could be both a liquid and a solid.



Microscopy: More Than Meets The Eye

Special Interest | Combined Grade Content 1-6

Volunteers Required

Use microscopes to explore the world of the small and mighty. Activities are geared to each grade and may include the exploration of hitchhiker seeds, insect parts and plant and animal cells. Meet some of the weird and wonderful living creatures found in pond water.

Never Say Ugh To A Bug

Life Systems | Combined Grade Content 1-2

Volunteers Required

Develop a new appreciation for bugs as an entomologist. Examine a variety of living and preserved specimens on a scavenger hunt in the classroom. Explore insect life cycles. Discover the benefit and beauty of pollinators and how critical their role is to life on earth.

Structures: Under Construction

Structures and Mechanisms | Follow-up Teacher Resources

Volunteers Required

Join our engineering team and build a structure capable of supporting your students. Discover the concepts you need to make this happen. Explore the role of fasteners and the properties of materials using real tools. Test 3-D shapes for structural strength. Build a framework and test for strength and stability.

“Scientists in School brings materials and teaching into the classroom that could really only be assembled by a dedicated organization. Concepts within the structures unit were being applied immediately by children moving from centre to centre. It’s dynamic learning at its best.”

BOOK ONLINE - IT'S EASY!

Visit www.scientistsinschool.ca to book your workshop, and find our cancellation and booking policies.

DOWNLOAD RESOURCES!

Visit www.scientistsinschool.ca and discover our Teacher Resources and STEM-based activities.

2

Grade Two Workshops

Fee: \$205.00

Maximum 30 students/workshop

Animal Coverings And Adaptations

Life Systems | Combined Grade Content 1-2
Follow-up Teacher Resources | Volunteers Required

How does beaver fur feel compared to raccoon fur? What does a butterfly wing really look like? Explore some of nature's most unusual coverings including quills, shells, scales, feathers and fur. Investigate the insulating properties of animal coverings and discover some of the amazing adaptations animals use to survive their environment and seasonal changes.

Get Moving With Toys

Structures and Mechanisms | Volunteers Required

Discover how simple machines make work easier for us. Learn about movement on inclined planes. Send a secret message using a pulley system. Discover the importance of wheels and axles as you build your own car. Investigate the power of levers and make a screw to take home.

Keep Track: Animal Autographs

Life Systems | Combined Grade Content 1-2
Volunteers Required

Become a detective and learn how to identify clues left behind by a variety of mammals, birds and reptiles. Examine feathers, nests, skulls, quills, scat, pellets, chewed logs and antlers. Research animals and their food, habitat and strategies for survival. Identify animals by sound or by their tracks.

Kitchen Chemistry For Curious Kids

Special Interest | Combined Grade Content 1-2
Follow-up Teacher Resources | Volunteers Required

As a food scientist, investigate what yeast needs to grow and how to blow up a balloon by mixing a solid with a liquid. Challenge your powers of observation while making a surprise drink and make a mystery substance that could be both a liquid and a solid.



Let It Flow: Air And Water

Earth and Space Systems | Follow-up Teacher Resources
Volunteers Required

Discover the properties of air and water. Learn that air has weight, takes up space and can be used to save an accident victim. Explore the water cycle, uncover the hidden power of a water wheel and race your own yacht to experiment with sail size.

Looking At Liquids

Matter and Energy | Follow-up Teacher Resources
Volunteers Required

Marvel as you explore the three states of matter and change a liquid to a solid. Compare the flow rate of different liquids and test their ability to absorb into a solid. Investigate buoyancy through manipulation of materials. Discover how liquids and solids interact. Accept the challenge to produce the world's biggest bubble.

Microscopy: More Than Meets The Eye

Special Interest | Combined Grade Content 1-6
Volunteers Required

Use microscopes to explore the world of the small and mighty. Activities are geared to each grade and may include the exploration of hitchhiker seeds, insect parts and plant and animal cells. Meet some of the weird and wonderful living creatures found in pond water.

Never Say Ugh To A Bug

Life Systems | Combined Grade Content 1-2
Volunteers Required

Develop a new appreciation for bugs as an entomologist. Examine a variety of living and preserved specimens on a scavenger hunt in the classroom. Explore insect life cycles. Discover the benefit and beauty of pollinators and how critical their role is to life on earth.

Ocean Habitats and Adaptations

Life Systems | Combined Grade Content 2 and 4
Volunteers Required

Discover how living creatures have adapted to life in the ocean. Build a kelp forest food web and investigate the dangers of pollution to sea creatures. Explore octopuses, clams, starfish, sharks, horseshoe crabs and more.

BOOK ONLINE - IT'S EASY!

Visit www.scientistsinschool.ca to book your workshop, and find our cancellation and booking policies.

DOWNLOAD RESOURCES!

Visit www.scientistsinschool.ca and discover our Teacher Resources and STEM-based activities.

3

Grade Three Workshops

Fee: \$205.00

Maximum 30 students/workshop

Force, Of Course!

Matter and Energy | Follow-up Teacher Resources

Step into the physics lab to investigate friction, elastic, magnetic and gravitational forces. Use a catapult to measure the impact of force on a projectile. Discover the science behind removing a tablecloth from underneath dishes without any breaking. Learn how to defy gravity!

Microscopy: More Than Meets The Eye

Special Interest | Combined Grade Content 1-6

Volunteers Required

Use microscopes to explore the world of the small and mighty. Activities are geared to each grade and may include the exploration of hitchhiker seeds, insect parts and plant and animal cells. Meet some of the weird and wonderful living creatures found in pond water.

Plants Do Amazing Things

Life Systems | Follow-up Teacher Resources

Volunteers Required

Join this botanical adventure and explore how a plant breathes, grows and manufactures food. Experiment with photosynthesis, use leaf characteristics to identify trees and dissect a seed. Be amazed by plant adaptations and explore some of the extraordinary products made from plants.

Soil: It's Too Important To Be Treated Like Dirt!

Earth and Space Systems | Follow-up Teacher Resources

Volunteers Required

Become a pedologist and get dirty with a variety of soil types. Discover that soil is composed of earth materials and decaying organisms. Test soil samples for essential nutrients and learn how soil supports plant growth. Investigate erosion and learn about decomposers by studying earthy creatures.



Structures: Stable And Strong

Structures and Mechanisms | Follow-up Teacher Resources
Volunteers Required

Build your knowledge of structural strength and stability as a junior engineer. Investigate how the strength of a material can be altered by its shape. Create structures and learn the impact of forces acting upon them. Take up the challenge to design, build and test a bridge.

“In my almost 20 years of teaching, the only program I continue to schedule year after year is Scientists in School. The programs are hands-on, student-focused and completely engaging. The kids LOVE it! As educators, we benefit from being exposed to the innovative approaches undertaken by the scientists.”

BOOK ONLINE - IT'S EASY!

Visit www.scientistsinschool.ca to book your workshop, and find our cancellation and booking policies.

DOWNLOAD RESOURCES!

Visit www.scientistsinschool.ca and discover our Teacher Resources and STEM-based activities.

4

Grade Four Workshops

Fee: \$205.00

Maximum 30 students/workshop

Adventures In The Bone Zone

Special Interest | Combined Grade Content 4-7
Follow-up Teacher Resources

Join this ecological adventure and dissect an owl pellet. Delve into the diet and digestion of an owl as you discover what and how they eat. Use magnifiers to sort and identify bones and assemble a rodent skeleton. Examine and compare a variety of mammalian skulls to identify herbivores, carnivores and omnivores.

Battles In The Tropical Rainforest

Life Systems | Volunteers Required

Join our research team, travel around the world and explore tropical rainforest habitats. Make a rubber ball and discover the benefits of using renewable rainforest resources. Learn about special adaptations of rainforest plants by constructing a tree from the roots up. Build a rainforest food web and learn the impact of species extinction.

Don't Take Rocks For Granite

Earth and Space Systems | Volunteers Required

Become a junior geologist and dig into the rock cycle. Test the hardness of minerals and examine igneous, sedimentary and metamorphic rocks. Identify mystery minerals all around us and mine some edible ore. Experience the life of a paleontologist in the field and unearth real fossils!

Fractions In Action

Mathematics | Combined Grade Content 4-5

Puzzle through fraction games, learning to read and compare fractions. Battle it out in Fractions War. Use manipulatives to explore mixed numbers and improper fractions. Apply your new skills to follow a recipe and drink the resulting concoction.



Gearing Up: Fun With Pulleys And Gears

Structures and Mechanisms | Follow-up Teacher Resources
Become a physicist and discover how pulleys and gears can make work easier. Construct gear trains and identify gears used in our daily lives. Build and design pulley systems to change an applied force. Be part of a human pulley and devise how to move something bigger than you!

Light Up Your Life

Matter and Energy | Follow-up Teacher Resources

Join us on this optical adventure and discover natural and artificial sources of light. Turn your classroom into a colourful disco while learning about the visible spectrum. Bounce and bend light to investigate reflection, refraction, and fibre optics. Demonstrate how light travels and explore optical devices.

Microscopy: More Than Meets The Eye

Special Interest | Combined Grade Content 1-6
Volunteers Required

Use microscopes to explore the world of the small and mighty. Activities are geared to each grade and may include the exploration of hitchhiker seeds, insect parts and plant and animal cells. Meet some of the weird and wonderful living creatures found in pond water.

Ocean Habitats and Adaptations

Life Systems | Combined Grade Content 2 and 4
Volunteers Required

Discover how living creatures have adapted to life in the ocean. Build a kelp forest food web and investigate the dangers of pollution to sea creatures. Explore octopuses, clams, starfish, sharks, horseshoe crabs and more.

Sound Is Music To My Ears

Matter and Energy | Follow-up Teacher Resources

Discover the science of sound as musical maestros. Explore sound waves and learn how sound can make your desk hum. Play the bucket bass to explore factors affecting pitch. Create a laughing chicken to investigate amplification. Build your own pan flute and perform in a classroom orchestra.

BOOK ONLINE - IT'S EASY!

Visit www.scientistsinschool.ca to book your workshop, and find our cancellation and booking policies.

DOWNLOAD RESOURCES!

Visit www.scientistsinschool.ca and discover our Teacher Resources and STEM-based activities.

5

Grade Five Workshops

Fee: \$205.00

Maximum 30 students/workshop

Adventures In The Bone Zone

Special Interest | Combined Grade Content 4-7

Follow-up Teacher Resources

Join this ecological adventure and dissect an owl pellet. Delve into the diet and digestion of an owl as you discover what and how they eat. Use magnifiers to sort and identify bones and assemble a rodent skeleton. Examine and compare a variety of mammalian skulls to identify herbivores, carnivores and omnivores.

Body Works

Life Systems | Follow-up Teacher Resources

Join us on a journey around the human body to explore its many complexities. Assemble a urinary system to filter simulated plasma. Build a model of the respiratory system. Test your reflexes and measure your vital capacity. Follow a cell as it travels through a large-scale model of the heart.

Clued In To Forensic Science

Special Interest | Combined Grade Content 5-6

Become a forensic scientist, collecting and examining crime scene clues. Analyze a ransom note by ink chromatography and handwriting. Take finger and shoe prints, comparing them to the crime scene. Run chemical analyses on mysterious powders and discover how to analyze fibre and soil samples.

Energy: The Power To Change

Earth and Space Systems | Follow-up Teacher Resources

Be inspired to embrace energy conservation. Discover where energy comes from, the forms of energy and how energy is transferred or transformed. Investigate how to launch a ping pong ball into space. Explore how changing your light bulbs and adding insulation can save energy. Experiment with solar panels and use one to play a tune.



Fractions In Action

Mathematics | Combined Grade Content 4-5

Puzzle through fraction games, learning to read and compare fractions. Battle it out in Fractions War. Use manipulatives to explore mixed numbers and improper fractions. Apply your new skills to follow a recipe and drink the resulting concoction.

Math Builders: Math From The Ground Up

Mathematics | Combined Grade Content 5-6

Create and promote your company to win a lucrative building contract. Determining precise measurements and calculations of area and perimeter, choosing building materials, and working as a team will support the winning bid. Build a model strong enough to withstand an unnatural disaster.

May The Force Be With You

Structures and Mechanisms | Follow-up Teacher Resources

Join our engineering team to discover how structures resist the internal and external forces acting upon them. Use an earthquake generator to determine the factors that affect structure stability. Investigate centre of gravity and its effect on structural stability. Design, build and test a freestanding structure.

Microscopy: More Than Meets The Eye

Special Interest | Combined Grade Content 1-6

Volunteers Required

Use microscopes to explore the world of the small and mighty. Activities are geared to each grade and may include the exploration of hitchhiker seeds, insect parts and plant and animal cells. Meet some of the weird and wonderful living creatures found in pond water.

What In The World Is Matter?

Matter and Energy | Follow-up Teacher Resources

Explore solids, liquids and gases as detectives seeking clues to the mysteries of matter. Compare physical and chemical changes by carrying out some cool chemistry. Discover the work of some fascinating insect chemists. Determine the identity of a mystery compound using your chemical intuition and some crafty experimentation.

BOOK ONLINE - IT'S EASY!

Visit www.scientistsinschool.ca to book your workshop, and find our cancellation and booking policies.

DOWNLOAD RESOURCES!

Visit www.scientistsinschool.ca and discover our Teacher Resources and STEM-based activities.

6

Grade Six Workshops

Fee: \$205.00

Maximum 30 students/workshop

Adventures In The Bone Zone

Special Interest | Combined Grade Content 4-7

Follow-up Teacher Resources

Join this ecological adventure and dissect an owl pellet. Delve into the diet and digestion of an owl as you discover what and how they eat. Use magnifiers to sort and identify bones and assemble a rodent skeleton. Examine and compare a variety of mammalian skulls to identify herbivores, carnivores and omnivores.

Air And Flight

Structures and Mechanisms | Follow-up Teacher Resources

Discover the properties of air and the principles of flight by levitating a ping pong ball. Find the best wing design and angle of attack for liftoff. Discover the correct mechanics of propeller construction. Build your own plane and investigate factors affecting the direction and speed of flight.

Celestial Sleuths

Earth and Space Systems | Follow-up Teacher Resources

Explore the solar system and the bodies within it to finally understand the real definition of "space". Orbit through the phases of the moon and reflect on the changes we see from Earth. Discover the challenges astronauts face in space and build your own working model of the Canadarm End Effector.

Classy Critters

Life Systems | Follow-up Teacher Resources

Become a taxonomist, classify and create order from the vast diversity of living things. Examine real preserved specimens for adaptations that help them survive and discover wildlife on a smaller scale. Explore important connections between humans, invasive species and other impacts on biodiversity.



Clued In To Forensic Science

Special Interest | Combined Grade Content 5-6

Become a forensic scientist, collecting and examining crime scene clues. Analyze a ransom note by ink chromatography and handwriting. Take finger and shoe prints, comparing them to the crime scene. Run chemical analysis on mysterious powders and discover how to analyze fibre and soil samples.

Electricity: Get Charged

Matter and Energy | Follow-up Teacher Resources

Explore the nature of electricity, its generation and use. Investigate static electricity through the use of an electroscope. Design and build circuits to learn how a house is wired. Test conductors, insulators and switches. Explore electromagnets, simple motors and use your own energy to power a generator.

Math Builders: Math From The Ground Up

Mathematics | Combined Grade Content 5-6

Create and promote your company to win a lucrative building contract. Determining precise measurements and calculations of area and perimeter, choosing building materials, and working as a team will support the winning bid. Build a model strong enough to withstand an unnatural disaster.

Microscopy: More Than Meets The Eye

Special Interest | Combined Grade Content 1-6

Volunteers Required

Use microscopes to explore the world of the small and mighty. Activities are geared to each grade and may include the exploration of hitchhiker seeds, insect parts and plant and animal cells. Meet some of the weird and wonderful living creatures found in pond water.

“What an amazing, hands-on and engaging workshop. One of my students said, “I want to be a scientist, this is so much fun!””

BOOK ONLINE - IT'S EASY!

Visit www.scientistsinschool.ca to book your workshop, and find our cancellation and booking policies.

DOWNLOAD RESOURCES!

Visit www.scientistsinschool.ca and discover our Teacher Resources and STEM-based activities.

7

Grade Seven Workshops

Fee: \$205.00

Maximum 30 students/workshop

Adventures In The Bone Zone

Special Interest | Combined Grade Content 4-7

Follow-up Teacher Resources

Join this ecological adventure and dissect an owl pellet. Delve into the diet and digestion of an owl as you discover what and how they eat. Use magnifiers to sort and identify bones and assemble a rodent skeleton. Examine and compare a variety of mammalian skulls to identify herbivores, carnivores and omnivores.

Battles In The Tropical Rainforest

Life Systems

Travel around the world and explore the tropical rainforest. Make a rubber ball, experiment with adaptations of rainforest plants and discover the importance of each creature while building a rainforest food web.

Close Encounters Of A Chemical Kind

Matter and Energy | Follow-up Teacher Resources

Turn your classroom into a chemist's laboratory to explore pure substances and mixtures. Investigate the physical properties of matter and test methods to separate a mechanical mixture. Observe how the universal solvent affects solubility, test your theories and compare your results with your classmates.

Engineering Challenges

Structures and Mechanisms | Follow-up Teacher Resources

Discover the secrets of structural strength and stability. Design and build a functioning cantilever able to withstand a substantial load. Investigate how to fortify bridges. Join a class-wide challenge to build a newspaper and tape truss bridge resistant to static and dynamic loads and internal forces.

Hot Stuff!

Earth and Space Systems | Follow-up Teacher Resources

Discover the secret workings behind a candle-powered putt putt boat. Investigate if heat is generated by moving molecules and how heat moves through space, solids and liquids. Use this information to analyze how conduction, convection and radiation work together to propel the putt putt boats.



Grade Eight Workshops

Fee: \$205.00

Maximum 30 students/workshop

8

Cell Explorers: Investigating Cell Structure And Function

Life Systems | Follow-up Teacher Resources

Become a cell biologist and master how to use a compound microscope. Examine the organization and interdependence of animal and human body cells. Make wet mounts of plant cells and compare their structure. Get absorbed in the study of osmosis and explore pond water samples for living organisms.

Fluid Power

Matter and Energy

Explore fluids and their application in mechanical systems. Study density to determine the composition of mystery cubes. Investigate the relative density of a variety of liquids. Move loads with dump trucks to compare hydraulic and pneumatic systems. Build and operate models of hydraulic equipment including a robotic arm.

Groundwater Investigations

Earth and Space Systems | Follow-up Teacher Resources

Discover nature's filtration system while exploring groundwater processes. Test for pollutants such as salt, petroleum and fertilizers and discover their possible sources. Examine local watersheds to choose the best site for your next home. Learn hands-on how to become stewards of our water systems and the importance of maintaining our water supply.

Systems At Work

Structures and Mechanisms

Discover the work done by simple machines, how they create mechanical advantage, and how they can be used to overcome obstacles. Explore inclined planes, wheels, levers and pulleys. Analyze how friction affects mechanical advantage. Investigate how simple machines can be combined to create complex systems used in building communities and disaster relief.

BOOK ONLINE - IT'S EASY!

Visit www.scientistsinschool.ca to book your workshop, and find our cancellation and booking policies.

DOWNLOAD RESOURCES!

Visit www.scientistsinschool.ca and discover our Teacher Resources and STEM-based activities.

SCIENTISTS IN SCHOOL

Workshop Booking Form for City of Guelph, Waterloo, Halton and Peel Regions, Wellington and Dufferin Counties

To Book A Workshop Online:

Choose your topic(s) and book online at www.scientistsinschool.ca

By Fax or Mail:

1. Choose your topic(s), complete this booking form and copy for your files.
2. Fax or mail this booking form to the address listed below.
3. Your presenter will contact you within 1-2 weeks to schedule a date.

Other Information:

1. Maximum class size: To ensure every child gets a hands-on experience, the maximum number of students is 30.
2. Allergy Advisory: Our presenters bring many different materials into the classroom. While we regularly maintain our workshop kits for cleanliness and safety, we cannot guarantee they are free from all allergens. Please advise us of any known allergies or special restrictions.
3. Booking Terms, Conditions and our Cancellation Policy can be found at www.scientistsinschool.ca.

Thank you for booking a Scientists in School workshop. Contact us at any time to check on the status of your booking.

For more information, please contact:

Scientists in School™
31B Queen Street
Morrison, Ontario N0B 2C0
519-763-3950/1-855-900-3950
Fax: 519-763-4905
wco@scientistsinschool.ca

2018-2019 Workshop Fee: \$205.00

Book early to ensure that you get your preferred day!

Application Date: _____
Board: _____
Telephone: _____ Fax: _____
School: _____

Booking #1

Teacher: _____
Grade: _____ Class Size: _____
Email: _____
Preferred Month: _____
Topic: _____
Time: ____ A.M. ____ P.M.
Alternate Topic: _____
Time: ____ A.M. ____ P.M.
Special Notes: _____

____ Yes! Please add me to your email database to receive updates from Scientists in School.

Booking #2

Teacher: _____
Grade: _____ Class Size: _____
Email: _____
Preferred Month: _____
Topic: _____
Time: ____ A.M. ____ P.M.
Alternate Topic: _____
Time: ____ A.M. ____ P.M.
Special Notes: _____

____ Yes! Please add me to your email database to receive updates from Scientists in School.

PARTNERS IN STEM

A joint commitment to deliver impactful STEM education

Across our organization we are dedicated to engaging children, teachers and families through high-quality STEM enrichment. As a charity, donors help us to subsidize the cost of every single one of our 25,040 annual classroom workshops by approximately 15%, and provide almost 2,000 complimentary workshops to schools serving low-income communities.

Catalyst

Natural Sciences and Engineering Research Council
TD Friends of the Environment Foundation
Toronto Pearson International Airport

Innovation

Amgen Canada | John and Deborah Harris Family Foundation
Nuclear Waste Management Organization
Ontario Power Generation | RBC

Imagination

General Motors Canada
McMillan LLP | Pure Green Earth Fund
Superior Glove Works Ltd. | TELUS

Discovery

Ajax Community Fund at Durham Community Foundation
AtlasCare | Bruce Power | Cameco
Hamilton Community Foundation | MilliporeSigma
Ottawa Community Foundation | pharmaKARe consulting
Syngenta | Systematix Inc. | The Johansen-Larsen Foundation
The McLean Foundation | The Township of Tiny
Waste Management

Exploration

Brampton and Caledon Community Foundation
Brockville and Area Community Foundation
Consulting Engineers of Ontario
Guelph Community Foundation
Huron Community Foundation | Jackman Foundation
Lee Valley Tools | Niagara Community Foundation
Ontario Teachers Insurance Plan
Rotary Club of Lethbridge Sunrise
Siemens Milltronics Process Instruments
The Source | Veridian Connections
Whitby Mayor's Community Development Fund
Youngs Insurance Brokers Inc.

... Tomorrow, they're our leaders and innovators.

SCIENTISTS IN SCHOOL



31B Queen Street, Morriston, Ontario N0B 2C0 | 519-763-3950/1-855-900-3950 | Fax: 519-763-4905 | wco@scientistsinschool.ca | www.scientistsinschool.ca

© Scientists in School 2018 | A registered Canadian charity: #867139537RR0001 | Printed by Britannia Printers Inc. | Photo Credits: MaryAnn Griffin, Kim Lowes, and Kathy Moore