

SCIENTISTS IN SCHOOL™

2016-17 WORKSHOP CATALOGUE

Kindergarten to Grade 8 science, technology, engineering and math (STEM) programs



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



Book online at scientistsinschool.ca. Book early to get your preferred topic and date.

Since 1989, Scientists in School™ has inspired elementary students and teachers to explore and investigate science, technology, engineering, math, and the environment through fun workshops where students become the scientists. Our presenters have expertise in different STEM fields, and extensive experience working with children.

Our workshops:

- ✓ Are inquiry-based and hands-on
- ✓ Are half-day, in-class
- ✓ Enrich and extend the science, technology and math curricula
- ✓ Help to develop critical thinking, problem-solving and teamwork skills

How to Book a Workshop:

Online:

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

Fax or Mail:

1. Choose your topic(s), complete this form, and copy for your files.
2. Fax or mail this booking form to:

Scientists in School
31B Queen Street
Morrison, Ontario N0B 2C0
519.763.3950/1.855.900.3950
Fax: 519-763-4905
wco@scientistsinschool.ca
3. Mail a deposit of \$25 per workshop with a copy of this booking form, or the email confirmation, to:

NEW ADDRESS
Scientists in School
975 Dillingham Road, Unit 2
Pickering, Ontario L1W 1Z7
Note: Please make the cheque payable to Scientists in School.
4. Your presenter will contact you within two weeks to schedule a date. Book early to ensure that you get your preferred day.

Other Information:

Maximum class size: To ensure every child gets a hands-on experience, the maximum number of students is 30.

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.

Booking Terms, Conditions and our Cancellation Policy can be found at scientistsinschool.ca/policies.

Application Date: _____ Board: _____

Tel: _____ 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.

BOOKING #3

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 #4

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.

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

2016-17 SCIENTISTS IN SCHOOL™ CLASSROOM WORKSHOPS

Book your workshop today at scientistsinschool.ca or by using the booking form provided

KINDERGARTEN

BACKYARD BUGS

“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 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

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

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 take home.

SENSATIONAL SCIENCE

Explore your senses and investigate how they help you see the world. Trick your senses with our taste test and discover how you can see and feel sound waves. Read with your fingers while investigating the connection between sight and touch and see how the world looks through different eyes.

SIMPLY MARVELLOUS MACHINES

Discover how often you use simple machines in everyday life. 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.

THERE'S NO PLACE LIKE HOME!

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.



Photo Credit: Kathy Moore

“This was a wonderful program for our Kindergarten classes! The centre rotations took just the right amount of time, and the children stayed focused and engaged, while having fun. The presenter was knowledgeable and so good with our students. It was a terrific morning for everyone. I would definitely recommend Scientists in School, and look forward to booking other sessions in the future!”

- Kindergarten Teacher, Waterloo Region District School Board, after *Simply Marvellous Machines*

2016-17 SCIENTISTS IN SCHOOL™ CLASSROOM WORKSHOPS

Book your workshop today at scientistsinschool.ca or by using the booking form provided

GRADE ONE

ANIMAL COVERINGS AND ADAPTATIONS

Earth & Space Systems | For Grades 1 & 2

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.

KEEP TRACK: ANIMAL AUTOGRAPHS

Life Systems | For Grades 1 & 2

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.

MICROSCOPY: MORE THAN MEETS THE EYE

Special Interest | For Grades 1 - 6

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.



ENERGY MAKES IT HAPPEN

Matter & Energy

Investigate the sun's power as you explore the impact energy has on our daily lives. Make a bubble grow using heat from thermal energy. Discover the various types of 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. Uncover your inner Picasso and create abstract paintings using solar power.

KITCHEN CHEMISTRY FOR CURIOUS KIDS

Special Interest | For Grades 1 & 2

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.

NEVER SAY UGH TO A BUG

Life Systems | For Grades 1 & 2

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 & Mechanisms

Join our engineering team and build a structure capable of supporting your teacher. 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.





THE FIELD TRIP THAT COMES TO YOU!™

GRADE TWO

ANIMAL COVERINGS AND ADAPTATIONS

Earth & Space Systems | For Grades 1 & 2

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 & Mechanisms

As masters of all things that move, 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 | For Grades 1 & 2

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 | For Grades 1 & 2

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 & Space Systems

Discover the properties of air and water and the need to protect these valuable resources. 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 in a water wheel and race your own yacht to investigate the impact of sail size.

LOOKING AT LIQUIDS

Matter & Energy

Marvel as you explore the three states of matter. Change a liquid to a solid and then eat it! 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 | For Grades 1 - 6

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 | For Grades 1 & 2

Develop a new appreciation of 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 | For Grades 2 & 4

Discover how living creatures have adapted to life in the ocean. Take a seaweed taste test, build a kelp forest food web and investigate the dangers of pollution to sea creatures. Identify octopuses and clams, examine starfish, sharks, horseshoe crabs and more.

KIDZ LAB MASCOT CHALLENGE

2016-17



2016-17 Kidz Lab Mascot Challenge CALL FOR ENTRIES!

CREATE A BRAND NEW MASCOT TO REPRESENT *SCIENTISTS IN SCHOOL*™!

Hey kids, it's time to get creative! Our beloved mascot, Mr. Scientist, is retiring and we need a NEW Kidz Lab Challenge mascot to take his place! This new mascot may be featured on our website, social media, and other communications materials, and the winner will receive some fantastic prizes. Download the entry package at:

scientistsinschool.ca/kidz-lab.php

2016-17 SCIENTISTS IN SCHOOL™ CLASSROOM WORKSHOPS

Book your workshop today at scientistsinschool.ca or by using the booking form provided

GRADE THREE

FORCE, OF COURSE!

Matter & Energy

Step into the physics lab to investigate the impact of friction, gravity, elastic and magnetic 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. Design a marble run and see if you can defy gravity.

MICROSCOPY: MORE THAN MEETS THE EYE

Special Interest | For Grades 1 - 6

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

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 & Space Systems

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 & Mechanisms

Build up your knowledge of structural strength and stability as a junior engineer. Explore the impact of human-made versus natural structures. Investigate how the strength of a material can be altered by its shape. Take up the challenge to design, build and test a bridge.

"These are the BEST science workshops for kids! Lots of hands-on exploration and presenters that are very knowledgeable in their subject field. I look forward to having Scientists in School come into my classroom every year."

- Grade 3 Teacher, Upper Grand District School Board after *Force, Of Course!*



COMMUNITY WORKSHOP PROGRAM

In June 2015, we launched a new Community Workshop Program for summer camps and other non-classroom settings. Our workshops are 60 to 90 minutes in length, accommodate up to 25 children per session, and are available for community groups throughout the school year. Just like our award-winning classroom program, our presenters will bring subject expertise, discovery-based learning methodologies, and specialized materials and equipment to every workshop. Best of all, our workshops are guaranteed to be fun!

For more information, please contact us at
wco@scientistsinschool.ca



GRADE FOUR

ADVENTURES IN THE BONE ZONE

Special Interest | For Grades 4 - 7

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

GEARING UP: FUN WITH PULLEYS AND GEARS

Structures & Mechanisms

Step into the physics lab and learn how pulleys and gears change the force required to do work. Identify gears used in our daily lives. Build a variety of pulley systems, design and construct a gear train and explore how pulleys and gears can change the direction of an applied force. Become a part of a human pulley and discover how to move something bigger than you!

MICROSCOPY: MORE THAN MEETS THE EYE

Special Interest | For Grades 1 - 6

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.

BATTLES IN THE TROPICAL RAINFOREST

Life Systems

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.



OCEAN HABITATS AND ADAPTATIONS

Life Systems | For Grades 2 & 4

Discover how living creatures have adapted to life in the ocean. Take a seaweed taste test, build a kelp forest food web and investigate the dangers of pollution to sea creatures. Identify octopuses and clams, examine starfish, sharks, horseshoe crabs and more.

DON'T TAKE ROCKS FOR GRANITE

Earth & Space Systems

Become a junior geologist and dig into mineral formation, the rock cycle and fossilization. Examine igneous, sedimentary and metamorphic rocks. Identify mystery minerals and mine some edible ore. Experience the life of a paleontologist and examine real fossils.

LIGHT UP YOUR LIFE

Matter & Energy

Join us on this optical adventure and discover how to see around corners and over walls. Light up body parts in a hunt for translucent objects. Turn your classroom into a colourful disco and learn about the visible spectrum. Bounce and bend light to investigate reflection, refraction and fiber optics. Demonstrate how light travels and explore interesting optical devices.

SOUND IS MUSIC TO MY EARS

Matter & Energy

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. Form your own classroom orchestra and serenade your school with your very own pan flute to take home.

2016-17 SCIENTISTS IN SCHOOL™ CLASSROOM WORKSHOPS

Book your workshop today at scientistsinschool.ca or by using the booking form provided

GRADE FIVE

ADVENTURES IN THE BONE ZONE

Special Interest | For Grades 4 - 7

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

BODY WORKS

Life Systems

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 | For Grades 5 & 6

A crime has been committed. Become a forensic scientist and help solve this classroom caper. Collect and examine clues found at the crime scene. Analyze a ransom note by ink chromatography and study fibre, handwriting and soil samples. Take finger and shoe prints and identify a mystery substance using chemical indicators. It's a real whodunit.

ENERGY: THE POWER TO CHANGE

Earth & Space Systems

Be inspired to embrace energy conservation. Discover where energy comes from, the forms of energy and how energy is transferred or transformed. Identify energy stored in household objects, investigate how to launch a ping pong ball into space and discover how the energy in your body can power windup toys. Explore how changing your light bulbs and adding insulation can save energy. Experiment with solar panels and use one to play a tune.



MATH BUILDERS: MATH FROM THE GROUND UP

Mathematics

Create a company, produce a commercial and work to win a building contract. Learn to estimate, calculate area and perimeter and use decimals to select and cost the components of a structural design. Precise measurements and team participation will win you points. Discover whether the walls are strong enough to withstand an unnatural disaster.

MAY THE FORCE BE WITH YOU

Structures & Mechanisms

Join our engineering team to discover how structures resist the forces acting upon them. Explore internal and external forces and how they affect structures. Use everyday objects to learn about design features and investigate centre of gravity and its importance. Design, build and test a freestanding structure.

MICROSCOPY: MORE THAN MEETS THE EYE

Special Interest | For Grades 1 - 6

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 & Energy

Explore solids, liquids, gases and changes in state as detectives seeking clues to the mysteries of matter. Discover the difference between physical and chemical changes by carrying out some cool chemistry. Determine the identity of a mystery compound using your chemical intuition, some crafty experimentation and clues from this chemical adventure.



Our workshops enrich and extend Ontario's STEM curricula. Young scientists develop critical thinking, problem-solving, teamwork, and other 21st century skills.



GRADE SIX

ADVENTURES IN THE BONE ZONE

Special Interest | For Grades 4 - 7

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

CLASSY CRITTERS

Life Systems

Discover the 'Tree of Life' while working as a taxonomist. Create order from the vast diversity of living things using the Linnaean classification system. Examine preserved specimens for adaptations that help them survive life in the wild and see how small life can be. Compare important connections between species to understand why a classification system from 1735 still works today.

ELECTRICITY: GET CHARGED

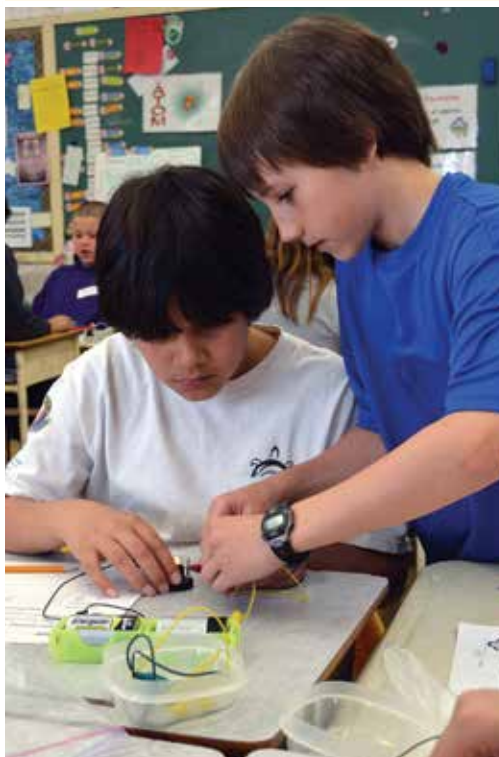
Matter & Energy

Explore the nature of electricity, its generation and use. Investigate how static electricity makes objects move. 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.

AIR AND FLIGHT

Structures & Mechanisms

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



CELESTIAL SLEUTHS

Earth & Space Systems

Come and explore the nature of our solar system, its shape and the bodies within it. Move through the phases of the moon. Build your very own classroom solar system to scale. Work like an astronaut and see what it might be like to do chores in space. Build your very own working model of the Canadarm end effector.

CLUED IN TO FORENSIC SCIENCE

Special Interest | For Grades 5 & 6

A crime has been committed. Become a forensic scientist and help solve this classroom caper. Collect and examine clues found at the crime scene. Analyze a ransom note by ink chromatography and study fibre, handwriting and soil samples. Take finger and shoe prints and identify a mystery substance using chemical indicators. It's a real whodunit.

MICROSCOPY: MORE THAN MEETS THE EYE

Special Interest | For Grades 1 - 6

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.



“Having Scientists in School come in and do a half-day workshop with several hands-on activities directly related to the Ontario Science Curriculum provided the students with a learning opportunity that helped to consolidate concepts taught in class in a very engaging way.”

- Grade 7 Teacher, Peel District School Board

GRADE SEVEN

ADVENTURES IN THE BONE ZONE

Special Interest | For Grades 4 - 7

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

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 & Energy

Become a chemist and discover the differences between pure substances and mixtures. Make a sweet solution and test if it's a true solution using the Tyndall effect. Investigate ways to separate a mechanical mixture and identify some industrial applications of these processes. Try cleaning up an oil spill in the most environmentally friendly way. Make your very own ooey gooey worms using polymer science.

ENGINEERING CHALLENGES

Structures & Mechanisms

Discover the secrets of structural strength and stability. Design and build a functioning cantilever able to withstand a load. Investigate how to fortify beam, truss, arch and suspension bridges. Build a truss bridge resistant to static and dynamic loads and internal forces using only newspaper and masking tape.



HOT STUFF

Earth & Space Systems

Join our Research and Development team at the 'Scientists in School Toy Company'. Discover the secret workings behind a candle-powered putt-putt boat. Analyze how conduction, convection and radiation work together to propel these boats. Investigate the properties of matter, particle theory and energy transformations.

2016-17 SCIENTISTS IN SCHOOL™ CLASSROOM WORKSHOPS

Book your workshop today at scientistsinschool.ca or by using the booking form provided

GRADE EIGHT

CELL EXPLORERS: INVESTIGATING CELL STRUCTURE AND FUNCTION

Life Systems

Become a cell biologist and examine a variety of plant and animal cells using compound microscopes and a videoscope. Examine animal and human body cells to determine their structure. Make wet mounts of plant cells and compare their structure to animal cells. Get absorbed in the study of osmosis and explore pond water samples for living organisms.



FLUID POWER

Matter & 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 a load with dump trucks to compare hydraulic and pneumatic systems. Build and operate models of hydraulic equipment including a robotic arm.

NEW! GROUNDWATER INVESTIGATIONS

Earth & Space Systems

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 & Mechanisms

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

"The workshops offered by Scientists in School are better than most field trips you can take your students on for a variety of reasons. Each student gets a hands-on opportunity and a sense of success. Even the most reluctant learner feels a sense of teamwork and involvement. These workshops are a must!"

- Grade 8 Teacher, Halton Catholic District School Board after *Fluid Power*





**SCIENTISTS
IN SCHOOL**

Scientists in School™ is a leading Canadian science charity dedicated to sparking children's interest in science, technology, engineering, math, and the environment through hands-on discovery. 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.

Scientists in School™

31B Queen Street, Morriston, Ontario N0B 2C0

519.763.3950/1.855.900.3950

Fax: 519-763-4905

wco@scientistsinschool.ca

scientistsinschool.ca

STEM EDUCATION THROUGH PARTNERSHIP

Scientists in School relies upon the generous support of partners to subsidize the cost of workshops for all schools. Thank you to all of our partners.

CATALYST LEVEL

Natural Sciences and Engineering Research Council | TD Friends of the Environment Foundation

INNOVATION LEVEL

Cameco | RBC Foundation

IMAGINATION LEVEL

Amgen Canada | Amgen Foundation | CST Inspired Minds Learning Project | Gay Lea Foundation | Google Canada
Hydro One | John and Deborah Harris Family Foundation | McMillan LLP | Nuclear Waste Management Organization
Ontario Power Generation | Superior Glove Works Ltd. | TELUS

DISCOVERY LEVEL

2016 Pickering Mayor's Gala | Celestica | Community Foundation of Ottawa
Consulting Engineers of Ontario | Hamilton Community Foundation
Isherwood Associates | MilliporeSigma | The Maurice Price Foundation

EXPLORATION LEVEL

Ajax Community Fund at Durham Community Foundation | Huronia Community Foundation | Lee Valley Tools
Rotary Club of Lethbridge | Siemens Milltronics Process Instruments | Syngenta | Systematix Inc.
The Optimist Club of Ajax | The Source | Veridian Connections
Whitby Mayor's Community Development Fund

Printed by Britannia Printers Inc.



© Scientists in School 2016

Scientists in School™ is a
registered Canadian charity
(#867139537RR0001)
scientistsinschool.ca