

SCIENTISTS IN SCHOOL

Shaping Children's Futures Through Engagement in Science, Technology, Engineering, Math (STEM) and the Environment

Scientists in School is a leading science education charity, with a winning model for sparking children's interest in STEM and the environment through half-day, hands-on workshops in classroom and community settings. Under the guidance of a science expert, children from Kindergarten to Grade 8 become the scientists and engineers, and develop the 21st century skills needed for tomorrow's modern workforce.



STEM is Critical to Canada's Future Prosperity

In *Some Assembly Required: STEM Skills and Canada's Economic Productivity* (Council of Canadian Academies, 2015), experts recommended that the quality and level of fundamental STEM skills needed for Canada to flourish needed to be increased for all education levels. Recently, the Canadian Business Magazine projected that 50% of the future jobs will be in STEM-related occupations. It is clear that Canada's future economic prosperity will depend on getting today's children and youth excited about STEM and the career paths available in those fields.

How can we encourage more children to get excited about STEM and immerse them in discovery-based activities when most schools lack the budget for science equipment and materials? How can we promote STEM as a career choice when by grade five, students feel science is boring or lack confidence in their ability to do science? That's where Scientists in School comes in.

Our Mission

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

For every Canadian child to be actively engaged in the seeing, doing and understanding of science.

Our Impact

"Scientists in School is the one program we can honestly state the students truly enjoy, love, soar, and benefit from. Every student participates, feels successful, and valued. The program is set up in such a way that each student feels special, feels intelligent, and included. This program is a true recipe for success of the student. It is something we never hesitate to continue with."

- Grade 7 Teacher,
Durham District School Board

"The best way to learn about science is through hands-on experience. Scientists in School proves this in their workshops. Students ... experiment with materials and ideas at their own pace and in small groups. The presenter's enthusiasm for science is contagious! The chatter in the classroom the next day was about careers that involve science and include women!"

- Grade 6 Teacher, Ottawa
Catholic District School Board



**SCIENTISTS
IN SCHOOL
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Getting Kids Excited about STEM since 1989

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