



Scientists in School's 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.

In Every Community

Our goal is to become part of the educational fabric, where children become scientists in school as early as in Kindergarten and experience workshops throughout their elementary years.

In our mature regions, students enter high school often having had 10 to 15 Scientists in School workshops. Collaboration with regional school boards ensure that our program aligns with curriculum, student and educator needs.

Partnerships with like-minded funders heighten our ability to achieve a deeper impact both in terms of program quality and inclusivity for schools serving low-income communities.

Our Ultimate Impact

We are striving to contribute to a society where the relevance and connection of science to everyday life is appreciated and intrinsically valued.

Through discovery, exploration, and simply drawing on the natural curiosity of children, our workshop activities and experiments link STEM to the everyday world, and get kids questioning and understanding the role of science in the world around them.

By providing role models and introducing different STEM careers, we also hope to expand their interest in possible STEM careers.

Partnership Update: August 2018

Thank you so much for your continued partnership with Scientists in School. Together we are giving children and youth across the Waterloo Region the chance to participate in our program, develop 21st century skills, and realize their potential. Across the Waterloo Region, in the 2017-2018 school year we delivered 498 hands-on workshops, engaged 13,446 youth, 498 teachers and 1,245 parent volunteers.

This year your partnership with Scientists in School focused on the following:

Adopt-a-School: Equity is a core tenet at our organization and we believe that all children deserve the opportunity to dream big and think about a career or future that perhaps they never thought was possible. Through Adopt-a-School, each class in the adopted school receives one Scientists in School workshop. Students experience the excitement of STEM as they compare cell structures under a microscope, built gear systems, explore the metamorphosis of bees and more.

Thanks to your generosity this year, 20 complimentary workshops were delivered to a Kitchener school serving a low-income community. Your donation of \$5,500 gave 540 young scientists the gift of participating in our program, building their skillsets, and realizing their potential. Across our entire organization, 69 schools were adopted in 2017-2018 making a difference in the lives of 37,260 children and youth in Ontario and Alberta. While not every child who participates in one of our workshops will choose a career in STEM, it is the essential skills such as critical thinking, collaboration, communication and creativity that they learn from our workshops that will propel them to future successes.

Program Support: As a social enterprise charity, a portion of our workshop fee is covered by the school, with the remaining portion covered by donors. This shared-cost model allows us to provide a fee that is reasonable for schools while reaching the greatest number of youth possible. Your donation of \$1,000 for the 2017-2018 school year, helped to lower the workshop fee for 32 workshops which took place across the region of Waterloo.

Thank you for choosing to support Scientists in School. Your support and belief in our mission is one of the reasons for our success across the Waterloo region. Together we are making a difference in the lives of Canadian children and youth.

We look forward to working together again in the 2018-2019 school year, and getting kids actively engaged and excited in STEM.

2017-2018

Our Impact by the Numbers



Children and youth inspired through workshops

703,000

Parent volunteers

62,600



Half-day classroom workshops delivered

25,040

Teachers Mentored

19,530



Schools full of eager young scientists

2,778

Community workshops delivered

1,460



Communities across Ontario and Alberta

345

STEM workshop topics across all regions

84

Young scientists inspired over 29 years

9,000,000



What Teachers Are Saying About Scientists in School

"Scientists in School was easily one of our favourite days of the year. My students were excited and engaged the whole time and still talk about the experience." - Kindergarten Teacher in Kitchener after an *I Can Be A Scientist* workshop, Waterloo Region District School Board

"Scientists in School covers the curriculum so well. I love how the presenters are so knowledgeable and they teach their topic with enthusiasm and skill. Thank you for offering such amazing programs. I will book a program every year." Grade 2/3 Teacher in Kitchener after a *Plants Do Amazing Things* workshop, Waterloo Catholic District School Board

"From the moment the students walked into the classroom and saw all of the microscopes, worms, soil samples etc. they were instantly hooked and engaged. The scientist taught them so much in a short amount of time and the investigations were so valuable. With the increasing cost of busing it is becoming more difficult to organize field trips so Scientists in School, which comes to the school, is an asset to all students. The students get the experience of using equipment, looking at samples and engaging in investigations. It's an amazing opportunity." - Grade 3 Teacher in Kitchener after a *Soil: It's Too Important to be Treated Like Dirt!* workshop, Waterloo Region District School Board

"Scientists in School is an enriching program that lets kids participate in hands-on activities and gets them excited and engaged in STEM. It was an invaluable and accessible experience for all of my students that allowed them to participate regardless of their academic challenges or language barriers. I would recommend Scientists in School to any teacher at any grade level." Grade 5 Teacher in Waterloo after an *Energy: The Power to Change* workshop, Waterloo Region District School Board

EQUITY IS IMPORTANT AT SCIENTISTS IN SCHOOL

Our vision speaks to every Canadian child being actively engaged in the seeing, doing and understanding of science, regardless of race, gender, socioeconomic status or performance in school. Experience and research show us that innovative education efforts are critically needed to close opportunity and achievement gaps between youth in poverty and their more affluent peers.

Low Income
187,400 students,
10% increase in three years.

Indigenous Peoples
Thousands of students across numerous
First Nations communities in Ontario and Alberta.

Francophone
19,000 students, quadrupling
our reach in 3 years.

We have made a concerted effort to increase our reach to children and youth in under-served communities. Last year one-third of our total reach was to under-served communities.

Also, through our Adopt-a-School initiative, we adopted 68 schools in low-income neighbourhoods, giving 36,700 children at least one Scientists in School workshop during the school year.