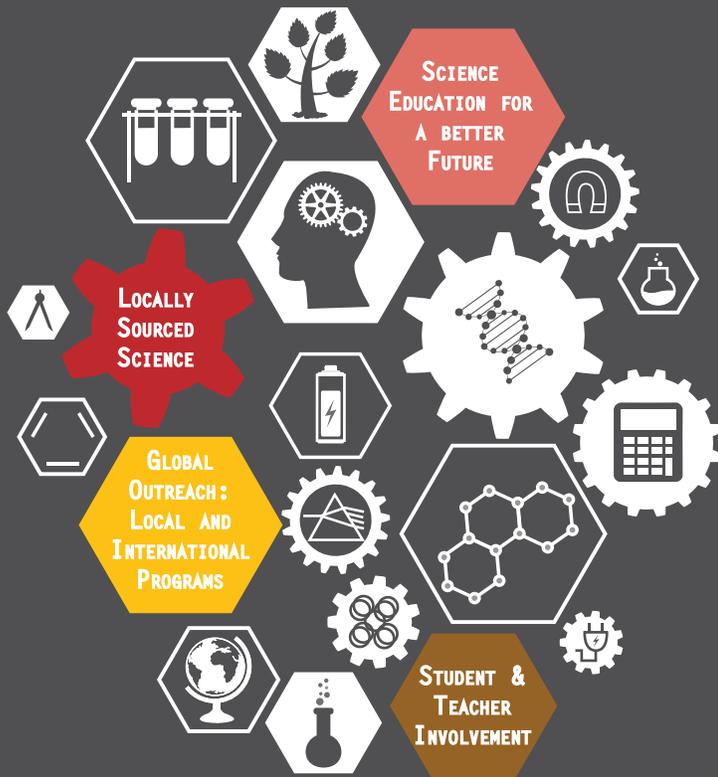


Pueblo Science



WHAT WE DO

Pueblo Science is a registered charity founded in 2010 by scientists and engineers working to advance science education across the world. We do this with a combination of local and international programs designed to engage children and spark their interest in science through active, hands-on learning experiences, discovery, experimentation and problem-solving opportunities.

OUR BEGINNINGS

Pueblo Science founders, Prof. Cynthia Goh and Dr. Mayrose Salvador, having both grown up in rural towns in the Philippines, have realized that improving the quality and accessibility of science education is one of the most effective and sustainable methods of advancing health and achieving economic success in developing countries. Their goal of overcoming limited resources and designing and providing effective teacher training aims at improving science education in their native Philippines. It empowers teachers to make science engaging and maximize their students' learning experiences.

LOCALLY - SOURCED SCIENCE

In low-resource communities, science education is primarily centered around theoretical instructions based on textbook material. High cost of materials and laboratory equipment often result in the lack of any opportunity for experimentation which would allow students to piece together the big picture of how science works in the real world.

Student learning can significantly be enhanced through hands-on activities and projects that put the class material in perspective and inspire kids to imagine and invent. Our team of experts have developed over 120 hands-on experiments for classrooms in chemistry, physics, biology, engineering, and electronics.

For our international teacher training program, we ensure materials used in experiments can be easily acquired locally at low cost and that the content are relevant to the local curriculum and in students' lives.

630
VOLUNTEERS
INVOLVED

120
SCIENCE KITS
DEVELOPED

1,800
TEACHERS
TRAINED

136,000
STUDENTS
IMPACTED



CANADIAN PROGRAMS

SUMMER/MARCH BREAK CAMPS

provide a science-focused alternative to traditional programs and are intended for children in grades 1 to 6. Campers get to play with our science kits and take field trips to meet scientists at state-of-the-art research facilities at the University of Toronto. Our model allows fees collected from full-paying campers to be used to subsidize the attendance of children from low-income families.

SCIENCE ON ICE

brings science-based entertainment and activities to varsity hockey games at several Ontario universities. We have booths around the rink with hands-on activities and our volunteers provide science shows on the ice at the intermissions. These events are attended by thousands of students from local school boards.

SCIENCE IN THE COMMUNITY

goes into local libraries, community centres, and street festivals to bring interactive science demonstrations to the general public.

INTERNATIONAL PROGRAM RISE

RISE, the Rural Initiative for Science Education, offers professional development training for science teachers in rural schools. Volunteers, both from Canada and from the local area, spend two to three days at each location to conduct workshops.

Participating teachers are shown how they can include new experiments in their own classrooms and how the activities are relevant to their curriculum.

Spots in the training program are in very high demand, and often teachers travel for hours and give up their vacation time to attend because they believe it will help them inspire their students.

As of 2016, RISE has been conducted in the Philippines, Thailand, Guyana, India, and Bolivia.



OUR VOLUNTEERS

Our passionate team of volunteers include highly-qualified professionals and graduate students in the sciences, engineering, and education fields. They generously give their time and effort to help Pueblo Science achieve their goals in Canada and abroad.



CONTACT US

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