



Building Mineral Literacy

Mining Matters is a national charitable organization dedicated to educating young people to develop knowledge and awareness of Earth sciences, the minerals industry and their roles in society. We provide current information about rocks, minerals, metals, mining and the diverse career opportunities available in the minerals industry.

Mining Matters offers exceptional educational resources that meet provincial curriculum expectations, created by educators and Earth science experts.

Highlights

- Developed a new workshop and poster centered on Canada's Critical Minerals list
- Reached more than 4,000 students and 200 educators through virtual and in-person workshops
- Partnered with Simon Fraser University, the International Minerals Innovation Institute, and the Saskatchewan Mining Association to design and deliver customized Earth science programs in Saskatchewan
- Prepared and shipped 1,100 GEMS kits to 45 Indigenous communities across Canada
- Built a second virtual escape room: *The Mine, Virtual Escape Experience*
- Developed a new workshop about the uses of robotics in the minerals industry



Goals of Mining Matters

- Involve youth in Earth science and the minerals industry through meaningful learning activities and innovative STEM education programs.
- Provide engaging hands-on mineral resources programming and practical mining educational opportunities for Indigenous youth.
- Equip teachers with curriculum-linked classroom resources and offer professional development training to effectively teach curricula related to mineral resources, exploration, mining and Earth science.
- Inform youth about career opportunities in the mining and mineral exploration industries.



825,000+

Total individuals who have enjoyed Earth science activities at schools, camps, conventions, conferences and public events across Canada since inception in 1994.

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What We Offer

Teacher Training and School Programs

Bringing Earth science to life for students and teachers in classrooms across Canada

- We work with teachers and students at all levels promoting the importance of rocks, metals, minerals, mining and Canada's geology.
- Students participate in engaging workshops where they learn about Earth science topics through activities and demonstrations.
- Teachers receive Earth science resources developed by teachers for teachers that meet provincial curricula guidelines and the training to successfully implement the classroom activities.



Indigenous Communities Education and Outreach Programs

Reaching Indigenous youth through community partnerships

- We develop customized **GEMS** Resource Kits to engage communities who may lack the connectivity required to participate online. Youth and children are able to enjoy Earth science activities and learn about **Geology, Engineering, Mining and Sustainability**. Kits include up to 13 activities and are fully equipped with supplies and pre-recorded instructions. They can be structured as an individual kit for learning independently at home or as a group kit for an entire class or community.
- Our in-person programs engage Indigenous youth, educators and community members in hands-on Earth science activities and field trips, providing the opportunity to develop skills, competencies and knowledge while promoting awareness of careers in the industry.

Outreach Programs

Developing an awareness of the minerals industry and sparking interest in Earth science learning in people of all ages

- We build awareness and knowledge with the public at gem and mineral shows, STEM events, museum open houses, and career fairs across Canada.
- We showcase our achievements at the annual Prospectors and Developers Association of Canada's International Convention, Trade Show and Investors Exchange.
- We present the WHERE Challenge and WHERE Challenge Mini, contests designed to inspire youth to discover the non-renewable resources that are used to make everyday objects.



Partnership Programs

Building partnerships with museums, universities, libraries and STEM organizations, to reach people in all regions of the country

- We provide our partners with tools and resources to facilitate Earth science-themed activities in camps and virtual classrooms.
- We collaborate with groups and organizations to deliver virtual workshops about rocks, minerals, metals and mining.

