

mineralised connections

Mineral Resources Education Program of BC

Winter 2025

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Happy New Year!

As we kick off the new year, we're thrilled to bring you a lineup of opportunities that will shape and inspire learning in the year ahead. Please join us in welcoming **Lee Daphne Banogon**, our new Program Coordinator, to the **MineralsEd** team!

This spring, we're making tracks to **Terrace on April 25th**, where we'll be hosting a series of hands-on workshops for educators in the Skeena Region. In May, we'll celebrate **Mining Month** with a flurry of events, including our annual **Community Fair** and our first-ever **career exploration fair in Kamloops**.

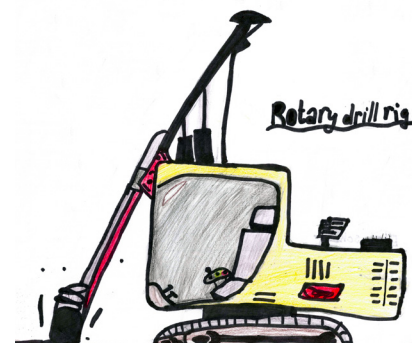
We're also expanding our offerings with a brand-new in-class workshop and continuing to highlight opportunities in mining with our Regional Spotlight on Careers program.

Inside this newsletter, you'll find tools to empower your teaching, including engaging classroom resources, unique field trip ideas, and exciting program updates. Stay in the loop by following us on socials and signing up for our monthly e-updates.

Let's forge ahead together, creating opportunities for discovery, learning, and growth in 2025!

Warm Regards,

MineralsEd Team



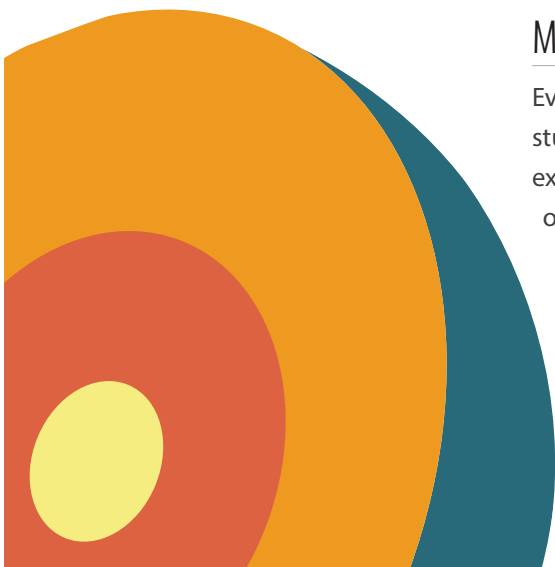
MineralsEd at AME Roundup 2025

Every year, **MineralsEd** is proud to host exciting programming for secondary students and teachers during the Roundup Conference—and this year is no exception! We're thrilled to announce that our programs have once again sold out, demonstrating the incredible enthusiasm for learning about mining and mineral exploration.

But the excitement doesn't end there! Join us for the free public event at **Discovery Day** on **January 19th** at the **Vancouver Convention Centre EAST**. Explore the fascinating world of mining and mineral exploration through interactive exhibits, activities, and presentations.

We can't wait to see you there for a day full of discovery and learning!

By Teachers, For Teachers



MineralsEd in Terrace

We're thrilled to announce that we're bringing our three most popular workshops to **Terrace, BC!** Hosted at **Skeena Middle School**, this initiative marks an incredible opportunity to connect with northern communities and provide local teachers with essential resources in minerals, mining, and Earth sciences.

Each workshop is thoughtfully designed to empower educators with a comprehensive teacher's binder filled with background information and classroom activities, along with support materials such as digital media, posters, activity books, bookmarks, and more. To make the learning experience even more engaging, participants will receive rock and mineral samples to use in their classrooms.

Discover more about the workshops and what they offer here: [MineralsEd Resource Units](#). We're excited to support educators in the north and inspire the next generation of learners!

Intermediate Integrated Resource Unit on Mining

This engaging Resource Unit is designed with a thematic approach to mining and Earth Science, tailored for the Grade 4–6 curriculum and integrating cross-curricular learning opportunities.

The program begins with [MineralsEd's Rock Star 101 presentation](#), which introduces participants to mining and geology in B.C., the rock cycle, and the fascinating world of rocks and minerals. Teachers will dive into hands-on learning as they explore their **MineralsEd** Rocks and Minerals Kit and practice rock identification techniques.

Following the presentation, participants will review lesson plans and activities covering a range of topics, including the history and future of mining, mining and the environment, the uses of rocks and minerals, and mining careers.

This workshop, presented by **MineralsEd** Partner-Teacher **Andi Eisler** and Manager of Education & Outreach **Sarah Jackson-Brown**, offers an incredible opportunity to bring the dynamic world of mining into your classroom.

Registration is **\$50**: <https://IIRU-Terrace.eventbrite.ca>

Earth Science: Learning the Earth

This comprehensive Resource Unit is designed to provide teachers with a collection of engaging activities and demonstrations to introduce students to the fundamentals of geology, plate tectonics, and the history of the Earth. Through creative and interactive learning, teachers will explore essential topics such as rocks and minerals, the rock cycle, the structure of the Earth, volcanoes, and earthquakes. The unit also covers unique subjects like famous rocks and B.C.'s rich geological history.

Participants will enjoy hands-on demonstrations and activities using their **MineralsEd** Rocks and Minerals Kit, making it easy to integrate these lessons into the classroom immediately. This resource is designed to support both intermediate and secondary grade levels, offering flexibility and depth for educators.

The workshop, presented by **MineralsEd** Partner-Teacher **Kerry Lockwood**, is an invaluable opportunity to enrich your teaching practice and bring Earth Science to life for your students.

Registration is **\$50**: <https://ESci-Terrace.eventbrite.ca>

EARLY INDIGENOUS PEOPLE'S USE OF ROCKS AND MINERALS

MineralsEd is excited to bring this interactive and informative workshop to northern BC! This unit is composed of six stations that explore different methods of how early indigenous people utilized rock and minerals. Practice flaking your own stone tools, painting with mineral pigments, and soap carving!

Registration is **\$60**: <https://EIRUM-Terrace.eventbrite.ca>



Regional Spotlight: A Career in the Minerals Industry - Spring 2025

In 2024, over 220 secondary students from across the province took part in our Regional Spotlight programming, hearing about the real-life career journeys of industry experts, visiting Highland Valley Cooper Mine and Gibraltar Mine for an up-close look at the mining process, and checking out educational opportunities at Thompson Rivers University. This 3-phase program will help your students delve into the world of mineral exploration and mining and uncover the diverse roles and responsibilities in the minerals industry.

- Phase 1: **Career Exploration Panel** - Industry professionals present on their careers. Representation from various fields - geologists, environmental scientists, business, operations, and trades.
- Phase 2: **Field Trip to Active Exploration Projects/Mine Sites** - Experiential learning where students get the opportunity to see what mineral exploration and mining involves. Highlights both academics and trades.
- Phase 3: **Field Trip to Geology, Engineering, and Trades Departments at an Academic Institution** - Students are taken on a guided tour at a university to learn about the skills required in the industry.

Our 2025 Virtual Career Exploration Panel will be taking place on April 11th! This event is open to all school districts, particularly those in School Districts **83** (North Okanagan-Shuswap), **73** (Kamloops-Thompson), **22** (Vernon) and **27** (Cariboo-Chilcotin), **82** (Coast Mountain), **57** (Prince George), **91** (Nechako Lakes), and **28** (Quesnel). Get your hard hats ready for a new season of mineral industry explorations!

Registration opens in February 2025, so keep an eye on your inbox for our e-updates to sign up your students for this one-of-a-kind program.

MineralsEd Classroom Workshops

JUNIOR GEOLOGIST IN THE CLASSROOM

Discover the thrill of learning with our Junior Geologist program! Reconnect with hands on exploration in this engaging 3-hour workshop, where students unravel the mysteries of the rock cycle, decode the formation secrets of rocks and minerals, and explore their impact on our world. Plus, enjoy the convenience of virtual options, extending our reach to classrooms across B.C. and Canada!

Ready to unearth knowledge in your classroom? Secure your spot at <https://bit.ly/junior-geo> and kick off a geological adventure!

BALANCING PERSPECTIVES: ETHICAL CONSIDERATIONS IN BC MINING

Discover mining from every angle! Explore the intricacies of mining with our updated workshop tailored for secondary grade levels. Merging Social Studies, Geography, Earth Science, and Geology. This engaging workshop covers the mining process, sustainability and reclamation, economics, and Indigenous perspectives. The heart of the workshop revolves around a classroom case study of a fictional proposed mine. Here, students assess the environmental, cultural and ethical aspects, simulating stakeholders' roles. Lead by MineralsEd Partner-Teacher Bruce Kiloh.

Request your workshop (\$50): <https://bit.ly/ME-MiBC>

May B.C. Mining Month

Get your hard hats and geological hammers ready for **B.C. Mining Month 2025!** MineralsEd will be hosting several opportunities for students of all ages to do hands-on exploration of mining, minerals, and industry careers!

M.I.N.E: Mineral Industry's Next Explorers - May 2025 Career Exploration Fair - Kamloops, BC

Get ready, SD 73! This trade-show style extravaganza is your ticket to exploring the world of mining in the BC interior. Secondary students will have the chance to dig deep into all things mining: explore career paths, meet industry professionals, and discover the exciting opportunities waiting for them in the minerals industry. Transportation subsidies are available, so don't let the students miss this golden opportunity to discover the rock-solid industry that is shaping our future!

Registration info coming soon!



MineralsEd Community Fair - May 7th, 2025 Creekside Community Centre - Vancouver, BC

Join us for a full day of exploration and fun at the MineralsEd Community Fair! Open to the public and curious minds, this event will unravel the wonders of the mining industry, Earth Science, mineral resources and exploration, sustainability, and more!

Register Now: <https://bit.ly/MMCF2025>

Field Trips

Looking for fun ways for your class to expand your Earth Science units? Consider taking an in-person or virtual field trip to one of the many venues throughout BC! A full list of **Field Trip Destinations** can be found on our website. We recommend the following:

- **Britannia Mine Museum** – Learn about the mining legacy of Britannia Mine and mining and the environment. Pan for gold, explore old mining practices and current uses of minerals, take a picture with the GIANT haul truck, tour the underground tunnels, and experience the live-action show BOOM!
- **Pacific Museum of Earth** - Explore the wonders of our dynamic Earth! Virtual and in-person guided and self-guided tours will take you through the history of life on Earth, Earth's treasures, and natural disasters.

Travel subsidies are available from MineralsEd for class field trips to geoscience or mining destinations. Request your field trip travel subsidy here: <https://bit.ly/METTravelSubsidy>

Can't take your students on a field trip? No problem. **Yukon Dan**, world champion gold panner, can bring his outdoor **Gold Panning Workshop** to your school! Students will have the chance to pan for gold and learn about the Canadian Gold Rushes. **Book your Yukon Dan Gold Panning Workshop here: <https://yukondan.com/>**



Want to collaborate with MineralsEd for a special event?
Contact us at info@mineralsed.ca