

minerals^{ed} connections

Mineral Resources Education Program of BC

Fall 2025

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Welcome Back to School!

School is back in session, and here at **MineralsEd** we're ready to rock the 2025-2026 school year! We hope your summer was refreshing and that you're feeling recharged for the months ahead. **MineralsEd** is kicking off the season with a fresh lineup of opportunities to spark curiosity and learning.

We've updated our teacher resource units and restocked our rock and minerals kits that are ready to help you uncover a wealth of discovery in the classroom. This year's programming is solid, with returning favourites and new experiences to explore.

Mark your calendar for October's Provincial Development Day, we've re-launched our **Geotour Field Trip** of the **Sea to Sky corridor**! And by popular demand, our **Natural Resources Harbour Cruise** is back in full steam ahead. Get the **early bird** prices before **October 1!**

Dig in to our Fall edition of **MineralsEd Connections** to get ready for a dynamic year. Stay connected by signing up to our **Newsletter** for monthly e-updates!

Best wishes,

The MineralsEd Team

Junior Geologist Workshop

We are proud to announce that **MineralsEd** is reintroducing our in-person Junior Geologist program, rekindling the joy of hands-on learning and exploration. We will be maintaining our virtual options so that we can provide learning opportunities to classrooms all across BC and Canada!

In-Person Junior Geologist Workshop (3-Hours)

In this engaging and exploratory half-day workshop, students will be introduced to the rock cycle and learn how the physical properties of rocks tell how they formed. They will learn about rocks and minerals as non-renewable natural resources, and how the properties of rocks and minerals determine how they are used. All materials and tools required are provided by the presenter.

BOOK NOW - EARLY BIRD SPECIAL
**FROM NOW UNTIL OCTOBER 1, 2025 BOOK OUR VIRTUAL/IN-PER-
SON JUNIOR GEOLOGIST WORKSHOP AND GET 25% OFF!**

<https://bit.ly/junior-geo>

By Teachers, For Teachers

MineralsEd Fall Pro-D Day Field Trips: October 24, 2025

MineralsEd is pleased to offer an array of in-person workshops and field trips for for the **Provincial Pro-D Day** on **Friday, October 24, 2025** (page 2-3).

Natural Resources in Vancouver Harbour Cruise - Downtown Vancouver

Join **MineralsEd** and members of the **North Shore Waterfront Industrial Association (NSWIA)** for a boat tour of **Vancouver Harbour** to learn about Canada's natural resources and their role in the Canadian and Global economies.

Home to **29 major terminals**, the **Port of Vancouver** is able to handle the most diversified range of cargo: mineral concentrates, sulphur by-product, potash, wood products, grains and coal produced in BC and other parts of Canada are exported in bulk to markets around the world. As the country's gateway to over 170 trading economies, the port handles approximately **\$305 billion in goods**. This half-day cruise will loop around Burrard Inlet for a close look at many of the terminal operations. Terminal representatives will be on board to share their knowledge and expertise about their operation and the natural resources they handle. Register before **October 1st** to get the **Early Bird Discount!**

Registration (Early Bird: \$30 | Regular: \$60)
<https://HarbourCruise2025.eventbrite.ca>



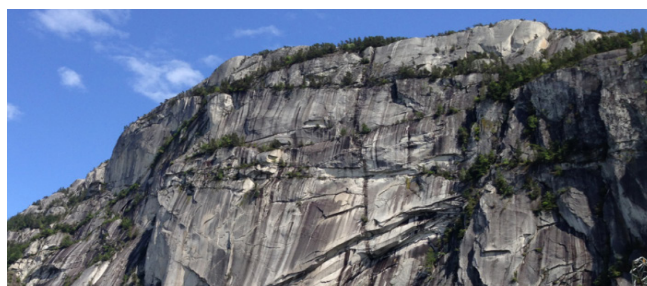
GeoTour Field Trip - Sea to Sky, BC

Join **MineralsEd** and **Dr. Derek Turner, PhD, PGeo**, for an immersive field trip along the Sea to Sky corridor between **Vancouver and Whistler**, one of the most **geologically rich regions** in British Columbia!

This outdoor experience will take educators through dramatic landscapes shaped by granitic bedrock, volcanic and sedimentary formations, and glacial processes. Field trip participants will explore the region's complex **geologic history**, including **mountain building**, **tectonic activity**, and **natural hazards**, while gaining practical insights into how these features influence human activity and **resource use**. This trip is relevant for those who want to host their very own field trip!

Bus transportation is provided; just bring lunch, water, sturdy footwear for walking on uneven terrain and your curious minds!

Registration (Regular Price: \$25):
<https://SeatoSkyGeotour2025.eventbrite.ca>



GEOSCIENTIST IN THE CLASSROOM

Ignite curiosity in the classroom with a direct link to real-world geoscience expertise! Register for our classroom sessions where passionate geoscientists virtually or in-person engage with students on a range of topics: Rocks and Minerals, the Rock Cycle, Geology of BC, Fossils, Volcanoes and Earthquakes, Geoscience Careers, and more!

Sign-up: <https://mineralsed.ca/learning-resources/teacher-resources/guest-speakers/>

MineralsEd Fall Pro-D Day Events: October 24, 2025

MineralsEd will be offering a variety of in-person workshops and field trips for the **Provincial Pro-D Day** on **Friday, October 24, 2025**. Workshops will be taking place across the Lower Mainland. Check out our fall term offerings below!

Each workshop includes a teacher's binder with background information and classroom activities, support materials (USB, posters, activity books, bookmarks, and more), and rock and mineral samples. You can browse both the MineralsEd workshops here: <https://bit.ly/MEResourceUnits>

Intermediate Integrated Resource Unit on Mining

This Resource Unit is written with a thematic approach to mining and Earth Science, designed for the grade 4 - 6 curriculum and integrating cross-curricular learning. The **MineralsEd's Rock Star 101** presentation will introduce participants to **mining and geology in B.C., rocks and minerals**, and the **rock cycle**. Teachers will have the opportunity to get hands-on by exploring their **MineralsEd Rocks and Minerals Kit** and practicing their rock identification. Afterward, participants will review lesson plans and activities, whose topics range from: the **history and future of mining, mining and the environment, uses of rocks and minerals, mining careers**, and more!

Presented by **MineralsEd** Partner-Teachers **Andi Eisler** and MineralsEd Staff.

Registration (\$50):

<https://Intermediate-Workshop.eventbrite.ca>

Earth Science Resource Unit

This Resource Unit provides a collection of engaging and instructive activities and demonstrations to help introduce the **fundamentals of geology, plate tectonics**, and **history of the Earth** through creative learning activities. Units in the binder address essential topics like **rocks and minerals**, the **rock cycle**, **structure of the Earth**, **volcanoes and earthquakes**, plus unique topics like **famous rocks** and **BC geology**. Teachers will be treated to various demonstrations and get hands-on with their **MineralsEd Rocks and Minerals Kit**, enabling immediate classroom integration. This comprehensive unit can be applied to both intermediate and secondary grade levels.

Presented by **MineralsEd** Partner-Teacher **Kerry Lockwood**

Registration(\$50):

<https://EarthScience-Workshop.eventbrite.ca>

EARLY INDIGENOUS PEOPLE'S USE OF ROCKS AND MINERALS WORKSHOP

MineralsEd is delighted to offer this workshop for the October Pro-D Day! This Resource Unit is composed of six stations that explore different methods of how early indigenous people utilized rocks and minerals. Educators can practice flaking their own stone tools, painting with mineral pigments, and carve soap!

Developed as an inquiry-based student challenge to accompany the B.C. Intermediate-level curriculum, this resource is multi-disciplinary, enabling teachers to incorporate core and curricular competencies from Science, Social Studies, English Language Arts, Arts Education, and Applied Design, Skills and Technologies (ADST). Presented by MineralsEd Partner-Teacher **Dale Maingot**.

Location: Coquitlam

Registration (\$50): <https://EIURM-Workshop.eventbrite.ca>

AME Roundup 2026 January 26 -29

In partnership with the [Association for Mineral Exploration \(AME\)](#) and [Teck Resources Ltd.](#), MineralsEd is thrilled to announce that we will once again be attending [AME Roundup in 2026](#)! As the largest annual mineral exploration conference in western Canada, [AME Roundup](#) is a must-attend event for anyone passionate about the industry.

Last year, our programs at Roundup were an overwhelming success, selling out in record time. To ensure you don't miss out on this year's offerings, we highly recommend signing up early and securing your spot! Stay tuned for more details.

Secondary Student Career Exploration Day - Monday, January 26

Get ready for an unforgettable experience! This exceptional program gives high school students an insider's view of the exciting and diverse career paths in the mining and mineral exploration industry. Students will have the rare chance to connect with a panel of dynamic early-career professionals, who will share their personal stories and expert advice to help guide your own journey.

Tailored for students passionate about Science, Geology, EarthScience, Environmental Science, Geography, and Trades or anyone curious about exploring new career horizons.

Mark your calendars now! Last year's event sold out fast, and you won't want to miss this!

Registration Opens Early October

Teachers' Professional Development Day - Tuesday, January 27

This one-of-a-kind event offers BC educators a golden opportunity to dive deep into the captivating world of the mineral exploration industry, uncovering the vast career possibilities within this vital sector.

Last year, we highlighted the multidisciplinary value of the industry, with speakers showcasing the intersection of science, technology, engineering, art, and math. This year, here's a sneak peek: Think green, think clean, and imagine the pivotal role minerals play in a world transitioning to a sustainable future.

Stay tuned for our e-updates to discover the exciting theme we have in store for this year!

Registration Opens Early October

FREE MineralsEd Resources

Visit the [MineralsEd](#) website to view all the free resources available!

- Order a [FREE MineralsEd Sample Pack](#) with posters, activity books, bookmarks, and more!
- Request one of our free online quizzes for your classroom: [Junior Geologist Quiz](#), or [Rocks and Dirt Video & Quiz](#).
- Explore mineral exploration and mining throughout the province by visiting the [MineralsEd](#) interactive [B.C. Mines Map](#) or try out our [Virtual Mining Scavenger Hunts](#).
- View our [YouTube](#) channel for a collection of our geoscience videos.

Looking for something else? Try searching our [Virtual Library](#) with hundreds of resources for your Earth Science units.

We have resources for all things geoscience: Rocks and Minerals, the Rock Cycle, Mining, Geology of B.C., Environmental Science, Climate Change, Layers of the Earth, Plate Tectonics, Earthquakes, Volcanoes, Mars, Fossils, Careers, and more!

