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Happy New Year!

We hope your winter break was a flurry of fun and that you're ready to sleigh you way back into lessons and learning! Join us in extending a warm welcome to **Derrick Midwinter**, our new Manager of Curriculum and Instruction, who brings a wealth of expertise and enthusiasm to the team. **Derrick** holds a B.Ed. from the University of British Columbia and an M.Sc. in Earth Sciences from the University of Ottawa.

In this Winter edition of **MineralsEd Connections**, we've curated a snowstorm of exciting updates for you!

We're kicking off 2024 with our 21st year at **AME Roundup!** Join us for Discovery Day on Sunday, 21st January and learn about geoscience. Next, warm up with our upcoming Teacher Pro-D workshops and resource units, where we'll thaw out those winter chills with our engaging Earth Science workshops.

As winter bids adieu, gear up for a month-long extravaganza in May, with our Mining Month Community Fair. Explore our Regional Spotlight on Careers program, and anticipate the launch of an exciting new in-class workshop!

Glide through the pages to discover **MineralsEd's** cool classroom resources, and fieldtrip ideas that are as crisp as a winter morning.

Keep an eye out for our monthly e-updates - no winter blues here! And follow us on our socials to stay in the loop on all our programs. Here's to another year filled with discovery, growth and the sparkle of learning!

Warm Regards,

MineralsEd Team

Junior Geologist in the Classroom - Rock-Solid Savings

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!

Book Now - Early Bird Special! Until **Feb 16th**, seize a fantastic 25% off our Junior Geologist Workshop. Ready to unearth knowledge in your classroom? Secure your spot at <https://bit.ly/junior-geo> and kick off a geological adventure!

By Teachers, For Teachers

MineralsEd AME Roundup Events (January 22-24, 2024)

In partnership with the Association for Mineral Exploration (AME) and Teck Resources Ltd, MineralsEd is happy to announce that we will once again be attending **AME Roundup 2024!** AME Roundup is the largest annual mining and mineral exploration conference in western Canada. This year, our programs will include **Teachers' Pro-D Day**, **Secondary Student Career Exploration Day**, and **Elementary Rockhounds**.



Teachers' Pro-D Day (January 23)

This unique event offers BC educators a golden opportunity to delve into the fascinating world of the minerals industry, exploring the vast array of careers within this essential sector.

Our program's centrepiece is a panel of dynamic industry experts set to illuminate this year's theme: **Multidisciplinary Value in the Exploration Industry**. These speakers will unveil the intersection of science, technology, engineering, art, and math within the exploration industry.

Please note that nominations have closed for this edition, and we are currently at full capacity with a waitlist. However, we encourage you to mark your calendars for next year's event to ensure you don't miss out on this experience!



Secondary Student Career Exploration Day (January 22)

This exceptional program aims to provide high school students with valuable insights into the **diverse career paths** within the mining and mineral exploration industry.

Students will have the unique opportunity to connect with a distinguished panel of early-career professionals who will share their stories and experiences, providing valuable guidance.

This event is tailor-made for secondary students with a special interest in **Science, Geology, Earth Science, Environmental Science, Geography, and Trades**, as well as those who are keen on exploring different career pathways.

Nominations have closed for this edition, and we are currently at full capacity with a waitlist. Mark your calendars for next year's event, ensuring your students don't miss out on this enriching experience!

Elementary Rockhounds (January 24)

This year's Rockhounds are grade 4 - 6 students from Highland Park Elementary in Pitt Meadows and Ecole Rochester Elementary in Coquitlam. View their artwork here: <https://flic.kr/s/aHBqjB4Y7u>



Regional Spotlight: A Career in the Minerals Industry - Spring 2024

After the resounding success of our Spring 2022 pilot program at [Vidette Lake](#) and a thrilling June 2023 expedition to [Highland Valley Cooper Mine](#) and [Westhaven Exploration](#), **MineralsEd** is excited to launch another iteration of this transformative program!

This 3-phase program is your ticket to unlocking a world of opportunities! Hear inspiring career stories from industry professionals, witness the inner working of an active mine operation, and gain first hand knowledge about the diverse roles and responsibilities in mineral development!

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 Department at an Academic Institution](#) - Students are taken on a guided tour at a university to learn about the skills required in the industry.

Calling all students and teachers in School District **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 ready for an exploration like no other.

Don't miss out on this extraordinary opportunity! Keep a close eye on your inbox for our monthly e-updates, where we'll reveal how to register your students for this one-of-a-kind program.

MineralsEd Classroom Workshops

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.

Register Now (\$50): <https://bit.ly/ME-MiBC>

#SNEAKPEAKALERT!

Get ready for an educational revolution that will rock your world! We're about to take our most popular teacher professional development workshop to a whole new level by turning it into an immersive, in-person classroom experience. The anticipation is buzzing, and excitement is building as we prepare to unveil this program!

More details on the horizon, stay tuned!

May B.C. Mining Month

Hold onto your hard hats because May is gearing up to be a busy month at **MineralsEd**! Brace yourself for an earth-shattering lineup of events as we kick off the celebration for **B.C. Mining Month**.

First in line, we're heading to the Surrey Teachers' Association Conference (STA) with three workshops on **May 3rd**, setting the stage for an entire month of mining magic!

Up next, join us for a full day of exploration and fun at the **MineralsEd Community Fair** at Vancouver's Creekside Community Centre on **May 8th**. 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!

Launching 2024, we're elevating the excitement with a Career Fair at the **Canadian Institute of Mining, Metallurgy and Petroleum (CIM) Connect Conference**. Set against the stunning backdrop of the Vancouver Convention Centre West, this event is not just a date; it's an opportunity for students to unearth their futures in the dynamic minerals/mining sector. Save the date - **May 14th** - and get ready to dig into possibilities, connect with industry leaders!

But our journey doesn't conclude there! Join us at the **Britannia Mine Museum** for the annual Dig Day, and we're hitting the road to **Princeton** for B.C. Mining Days. It's a geological extravaganza that promises to leave you with a treasure trove of knowledge!

Mark your calendars, spread the word, and get ready to rock and roll with **MineralsEd** in May!

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 B.C! 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 right from the comfort of your classroom! Virtual guided and self-guided tours will take you through the history of life on Earth, Earth's treasures, and natural disasters.
- **Port of Vancouver** – Free virtual classroom workshops for grades 4-6 will teach students how their lives are connected to the Port as Canada's western gateway to over 170 trading countries!

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/METravelSubsidy>

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