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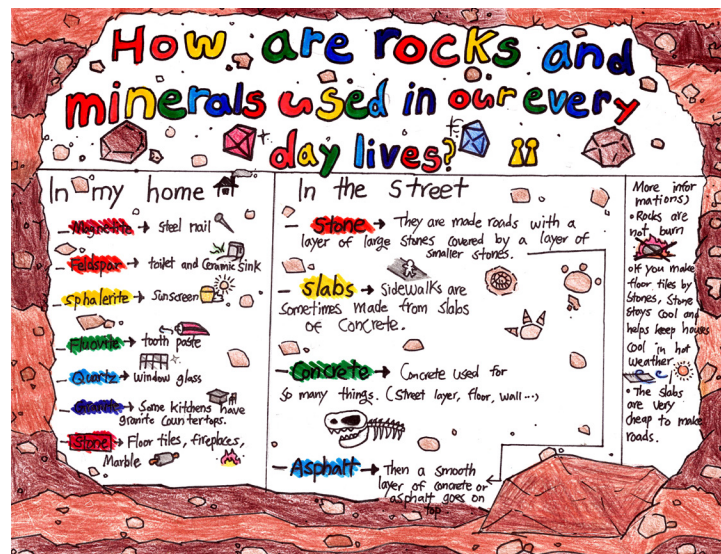
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Happy New Year!

We hope you had a fun and relaxing winter break and are ready to jump back into lessons and learning! In this Winter edition of **MineralsEd Connections** you will find details on our AME Roundup events (page 2), upcoming Resource Unit Workshops at the North Vancouver Teachers Association Conference (page 3), the launch of our Regional Spotlight: A Career in the Minerals Industry Secondary Student Program (page 3), and our Mining Month Community Fair in May (page 4). Also, check out **MineralsEd's** classroom workshops (page 3), virtual workshops and resources (page 4), and field trip ideas (page 4).

Keep an eye out for our monthly e-updates and follow us on social media for updates on all our programs and our 2023 Pro-D Day workshops.



2022-2023 Rockhound artwork by grade 5/6 student from Aubrey Elementary School in Burnaby.

Welcome Courtney Onstad - MITACS Intern

MineralsEd would like to welcome **Courtney Onstad!** Courtney is currently completing her PhD in Earth Science, specializing in Geoscience Communication at Simon Fraser University and will be working with **MineralsEd** from November 2022 - June 2023 as part of a MITACS Internship Program. She will be looking at ways to improve our new and existing resources to make our programming more robust, inclusive, and balanced. She will also be designing and facilitating a brand new activity for our Community Fair in May. We are very excited to have her as part of the team here at **MineralsEd!**

By Teachers, For Teachers

MineralsEd AME Roundup Events (January 23-25, 2023)

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 2023!** 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 24)

MineralsEd invites teachers to join us on **Tuesday, January 23** for our **Teachers' Pro-D Day** program. This unique event provides B.C. teachers with an opportunity to become more familiar with the minerals industry, new technologies, and the enormous breadth of careers in this vital resource sector. The highlight of the program is a panel of industry guest speakers who will shed light on this year's theme of **Canada's Critical Minerals**.

This year's guest speakers will present on *Canada's Critical Minerals: what they are, how they are used, and why they are important to the Canadian and Global economy*, with talks on Nickel, Copper, Lithium, Rare Earth Elements, and more. Our Keynote Speaker, John Thompson, will be discussing why critical minerals are so important to us and which ones can be found in Canada.

Register here: <https://bit.ly/TDRoundup2023>



Secondary Student Career Exploration Day (January 23)

Nominate a grade 10-12 student to join us for the **Secondary Student Career Exploration Day** on **Monday, January 23**. This program exposes high school students to different career paths available to them within the mining and mineral exploration industry. Students will connect with a panel of early-career professionals to hear their stories and experiences as they navigated post-secondary pathways. This year, we will have a Geologist, Engineer, Environmental Scientist, Geochemist, and an Indigenous Relations specialist joining us.

This event is suitable for high school students with a special interest in Science, Geology, Earth Science, Environmental Science, and Geography; or for those who are interested in exploring different career pathways.

Register your student(s) here:

<https://bit.ly/SSRoundup2023>

Elementary Rockhounds (February 2)

This year's Rockhounds are grade 4, 5, and 6 students from Aubrey Elementary School and Lakeview Elementary School in Burnaby. They will be joining us for a day full of activities on **Wednesday, February 2**. View their artwork here: <https://fic.kr/s/aHBqjAgHUF>



North Vancouver Teachers' Association Conference Workshops - February 17, 2023

MineralsEd is pleased to be offering three **Resource Unit Workshops** for teachers in North Vancouver. We will be presenting our **Intermediate Integrated Resource Unit on Mining**, our **Intermediate/Secondary Earth Science: Learning the Earth Workshop**, and our new and extremely popular **Early Indigenous People's Use of Rocks and Minerals Workshop**.

Registration will open the week of January 9th, check the **NVTA Website** for more information!



Regional Spotlight: A Career in the Minerals Industry - Spring 2023

After a successful pilot program in Spring of 2022, MineralsEd is excited to be announcing the launch of a new career education program for students and teachers in **School Districts 83 (North Okanagan-Shuswap)**, **73 (Kamloops-Thompson)**, and **22 (Vernon)**. This 3-phase program offers students the opportunity to hear career stories from industry professionals, visit an operating mine and learn about the different roles and responsibilities of working in mineral development first-hand, and then explore educational pathways at a post secondary institution.

Keep an eye on your inbox for our e-updates to find out how to register your students for this exciting new program.



MineralsEd Virtual Classroom Workshops

MineralsEd has adapted its in-person workshops to a virtual platform so that we can continue to offer hands-on experiential learning opportunities to classrooms in B.C. Book a workshop with us today! Find more information about our workshop options below.

Virtual Junior Geologist Workshop

In this 90-minute virtual workshop, MineralsEd Partner-Teachers will guide your students through activities that explore the world of rocks and minerals! Before the workshop, a package of rocks and mineral kits will be delivered to your classroom and each student will have their own set of materials for safe hands-on learning. Topics include the roles of minerals in everyday life, mineral resources in B.C., the rock cycle, and mineral identification. Students will also be able to practice making observations, predictions, and experiments - all part of the scientific process!

This workshop is perfect for intermediate grade classes learning about Earth Science, rocks and mineral resources, and mining.

Book your Junior Geologist Workshop here:

<https://bit.ly/virtualJrGeo>

Geoscientist in the Classroom Guest Speaker

In this **FREE** workshop, MineralsEd Volunteer Geoscientists will visit your classroom virtually or in-person (subject to availability in your region) to present on a geoscience topic of your choice. Choose any subject from mining, rocks and minerals, plate tectonics, careers, and more. This workshop is a great opportunity to connect your students with a real-life geologist. At the end of each workshop, students can make their own inquiries in a Q&A session with your geologist. Our volunteers have a diverse set of knowledge and experiences. Their passion and expertise will inspire your class to learn about Earth Sciences!

This workshop can be adapted for any grade level and classes studying geoscience, science, social studies, or career education.

Book your Geoscientist in the Classroom Presentation

here: <https://bit.ly/virtualGitC>

May B.C. Mining Month

The entire month of May is B.C. Mining Month! Every year, MineralsEd teams up with mining and mineral exploration groups to bring the celebration to you with our annual **Community Fair** on May 10, 2023! Teachers and the general public are invited to Vancouver's Creekside Community Center for a day of fun activities that will teach you about Earth science, mineral resources, the mining process, sustainability, and more! Stay tuned for more information about how to sign your class up to attend the **MineralsEd Mining Month Community Fair!**

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** for Earth Science resources. There is something for every grade level and geoscience topic!



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