

# WHAT USE ARE MINERALS TO ME? GRADE K-5

## DESCRIPTION & COMPONENTS

Minerals are all around us but often go unnoticed. This program aims to ignite a fascination for minerals through an examination of familiar and exotic specimens.

In 'the field' of the Britannia Mine Museum, your students will learn about one of the essential methods of finding mineral deposits deep in the earth and engage in a mineral mapping game where they will examine rock core samples to determine if they contain valuable minerals. While underground, students will be invited to see mineral and geologic structures in place and learn how they came to be. In our learning zone, students will handle, identify, and describe selected rocks and minerals. With our more delicate specimens, students will have the opportunity to have a close look to discover their innate beauty. All in all, your students will discover some of the challenges, realities, and impacts of finding and extracting non-renewable resources.

### MINERALS IN SOCIETY

Your class will be asked to tell us about the importance of mined materials in society through their own interpretation of our 'Products from Mined Materials' display.

### MINERAL DETECTIVES

Acting as junior geologists, your students will examine, identify, and describe selected rock and mineral samples.

### CORE EXPLORE

Your students will examine core samples and map out a mineral deposit found deep in the earth.

### MINERALS UNEARTHED

Your class will travel into our historic tunnel to discover how and why we mine, as well as the realities of using non-renewable resources.

### LUNCH

Lunch space will be provided for your students to eat their bag lunches.

## ARRIVAL & DURATION

Program duration: **2.75** hours

Click [here](#) for Rates and Arrival & Departure Times.

## BEFORE, DURING, AFTER

### BEFORE YOUR VISIT

Check & note all contents of your Booking Confirmation. Give a copy to your School Office/Secretary for 'how to pay'. Prepare your students: consult our pre-trip [Educator Resources](#) & watch our movie [Groundbreaking](#). Make sure students know to wear sturdy footwear & a warm jacket as well as bring a notebook.

### ON ARRIVAL

Check in & pay at our Ticket Desk. Your group may wish to use our washrooms. Our train seats 36: if your group is over 36, split into equally-sized subgroups with maximum of 36 in each. Meet our Interpreters.

### DURING YOUR VISIT

Accompanying adults must chaperone - we ask that students are courteous & respectful of their classmates, our Interpreters & other Museum guests. We encourage students to be enthusiastic, ask questions and participate in shaping their experience with us.

### AFTER YOUR VISIT

Please complete our [short survey](#) to help us make sure our programs meet your needs & help shape our future educational programs. Build on your visit with our post-trip [Educator Resources](#).

To book or change your booking contact us via  
Candace Schmidt  
[candace@bcm.ca](mailto:candace@bcm.ca), 1-800-896-4044 ext 226

NATIONAL HISTORIC SITE

**BRITANNIA**  
MINE MUSEUM