



Habitats Rock

An interactive hike to remnants of past mining sites and a role-playing game of tag that simulates the ongoing struggle of species at risk.

Duration: Full day (1/2 day Rocks and Minerals and 1/2 day Species at Risk)

Curriculum Reference: Science and Technology

Grade: 4

Minimum Supervision Requirements: Teacher + 1 adult supervisor

Learning Objectives:

1) Explore the basic differences between rocks and minerals and the key characteristics in identifying different types of minerals.

2) Introduce the four things that all living things need and identify reasons for depletion or extinction of plants and animals.

Big Ideas:

- What is a mineral? What is a rock?
- How are igneous, sedimentary, and metamorphic rocks formed?
- What characteristics are used to identify different minerals?
- What four things do all animals need to survive?
- What factors can affect animal populations?
- What are the different categories of animals that are at risk of becoming extinct?



Sample Itinerary

(Times will vary based on bus charter timing)



10:00am	Students arrive	Welcome chat, washroom break, snack
10:30am	Rocks/Mineral Hike	Go for a hike while discussing rocks and minerals and visit some older mines to find some samples.
11:45am	Return to Outdoor Centre for lunch	Hike back to the Outdoor Centre. Wash hands and get ready for lunch
12:45pm	Tidy up lunch	Tidy up lunch, washroom break
1:00pm	Species at Risk	Play "Species at Risk"
2:00pm	Clean up, Depart	Final washroom break and snack. Bus departs (2:30)