

Soils, Rocks, & Archaeology
Grade 3-4

OVERVIEW/PURPOSE

Students will explore the different soils and rock types while learning about how Archaeologists interact with and encounter them in their work studying Ontario's past Peoples.

COMPONENTS

1. Pre-Activities

- a. Identifying Rock Types - Google Slides + a drag and drop
 - i. Optional printable rock type cootie catcher
- b. Identifying Soils Activity - explores some of the reasons soils are different colours
- c. Artifacts, ecofacts, or features - drag and drop live worksheet or google slide

2. Live Segment: How Soils and Rocks are part of Archaeology

- a. Rocks in Archaeology
 - i. What kinds of artifacts are made from rock?
 - ii. What can they tell us about the past?
- b. Soils in Archaeology and the principle of superposition
 - i. Some artifacts have long since decayed but their existence is preserved as soil.
 - ii. How do Archaeologists use the varying colours of soil to help us tell time.

3. Post-Activity

- a. Rocks and Soils as Resources Yesterday and Today (Now and Then)
- b. Resource Map Activity - drag and drop

CURRICULUM CONNECTIONS

Grade 3

Science: Understanding Life Systems (A3)

Science: Understanding Earth And Space Systems (D2, D3)

Social Studies: Heritage And Identity: Communities In Canada, 1780 –1850 (A1)

Grade 4

Science: Understanding Earth And Space Systems Rocks And Minerals (D1,D3)

Social Studies: Heritage And Identity: Early Societies To 1500 CE (A1, A2)