

# Soils, Rocks, & Habitats

*Grades 3-4, Available Year Round*

## OVERVIEW & PURPOSE

This interactive hands-on program will explore soils and rocks within the archaeological record from how People in the past put them to use to how archaeologists use them in their explorations today. Throughout students will gain a better sense of why the 16<sup>th</sup> century Iroquoian village adjacent to the museum was located in this spot.

## COMPONENTS

1. Why here?
2. Why here? – the game
3. Soil in archaeology
4. Pottery making craft
5. Archaeological artifact exploration focused on rock types
6. Program focused scavenger hunt
7. Village visit

## SAMPLE SCHEDULE

**For a 4 hour - Full Day version:**

Time:	Activity:
10:00	Why here? – A gallery discussion exploring why the environment surrounding the museum in the 16 <sup>th</sup> century was chosen for a village.
10:30	<b>Why here? – The Game</b> continues on from the lessons of ‘Why here?’ And explores the environment and locations of other early societies around the world.
11:00	<b>Soil and Archaeology</b> – Students will explore what soil is and how archaeologists sift through to find artifacts, ecofacts, and other more crawly things.

11:30	Lunch
12:00	<b>Pottery craft:</b> how one type of soil – clay – was used to create useful daily use objects and still is today.
12:30	Program focused <b>scavenger hunt</b>
1:00	<b>Archaeological artifact exploration</b> focused on stone artifacts, the type of rock used to make them and reasons they were chosen.
1:30 - 2:00	<b>Village Tour</b>

(For a 2 hour - Half Day program teachers can choose 4 of the above components. If combining classes, please choose the same components).

## CURRICULUM CONNECTIONS

### Grade 3: Social Studies

A. HERITAGE AND IDENTITY: COMMUNITIES IN CANADA, 1780–1850	A1. Application: Life in Canada – Then and Now
	A2. Inquiry: Community Challenges and Adaptations
B. PEOPLE AND ENVIRONMENTS: LIVING AND WORKING IN ONTARIO	B1. Application: Land Use and the Environment
	B2. Inquiry: The Impact of Land and Resource Use

### Grade 3: Science

D. UNDERSTANDING EARTH AND SPACE SYSTEMS SOILS IN THE ENVIRONMENT	D1. Relating Science and Technology to Society and the Environment
	D2. Developing Investigation and Communication Skills
	D3. Understanding Basic Concepts

### Grade 4: Social studies

A. HERITAGE AND IDENTITY: EARLY SOCIETIES TO 1500 CE	A1. Application: Past and Present Societies
	A2. Inquiry: Ways of Life and Relationships with the Environment
	A3. Understanding Context: Characteristics of Early Societies

### Grade 4: Science

A. UNDERSTANDING LIFE SYSTEMS HABITATS AND COMMUNITIES	A1. Relating Science and Technology to Society and the Environment
	A2. Developing Investigation and Communication Skills
	A3. Understanding Basic Concepts
D. UNDERSTANDING EARTH AND SPACE SYSTEMS ROCKS AND MINERALS	D1. Relating Science and Technology to Society and the Environment
	D2. Developing Investigation and Communication Skills
	D3. Understanding Basic Concepts

