

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 16th century Iroquoian village adjacent to the museum was located in this spot.

COMPONENTS

1. Why here?
2. Why here? – Map Activity
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: |
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| 10:00 | Why here? – A gallery discussion exploring why the environment surrounding the museum in the 16 th century was chosen for a village. |
| 10:30 | Why here? – Map activity continues on from the lessons of ‘Why here?’ And explores the environment, resources, and land use around the village through a thematic map building. |
| 11:00 | Soil and Archaeology – Students will explore what soil is and how archaeologists sift through to find artifacts, ecofacts, and other debris. |

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

(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

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| A. HERITAGE AND IDENTITY: COMMUNITIES IN CANADA, 1780–1850 | A1. Application: Life in Canada – Then and Now |
| | A2. Inquiry: Community Challenges and Adaptations |
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| 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 |
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Grade 3: Science

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| 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

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| 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

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| 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 |

