

Native Americans of Mannahatta

Enduring Understanding: Students develop an understanding of the natural link between Governors Island resources and the Lenape presence on Governors Island.

Lesson Plan: How did the Lenape utilize the resources of Governors Island to survive?

Instructional Objectives:

- Define habitat;
- Define Lenape;
- Define natural resources;
- Define hunter gather;
- Define glacier;
- Define environment;
- Interpret evidence to draw conclusions.

Teacher Resources:

- Let's Travel Back in Time...Native Americans
- Nature in the City pamphlet from Governors Island

Anchor Texts:

- Lenape Overview
- Watercolor of Lenape at shoreline, fishing

Small Group Materials:

Group 1:

- Watercolor image with longhouse structure and Indians
- Artificial Tree Bark
- Artificial Acorns
- Forest Habitat laminated card
- White Oak laminated card
- Passenger Pigeon laminated card

Group 2:

- Three sisters and native farming technique images.
- Soil Habitat laminated card

Group 3:

- Lenape Villagers by River Image
- Beaver Pelt
- Artificial Acorns
- Artificial Tree Bark
- Stream Habitat laminated card
- River Habitat laminated card
- Forest Habitat laminated card
- Elk laminated card
- Beaver laminated card

Group 4:

- Watercolor of Lenape at shoreline, fishing (page 1 and 2)
- Fish Net with Sinkers
- Wampum
- Quahog Clamshells
- Stream Habitat laminated card
- River Habitat laminated card
- Salt / Estuaries laminated card
- Shad laminated card

Group 5:

- Rendering of Deer Being Forced Into Enclosure
- Stone Hide Scraper
- Artificial Acorns (1 packet of 4)
- Artificial Tree Bark
- Arrowhead
- Pond Habitat laminated card
- Forest Habitat laminated card
- White Oak laminated card

Domain Specific Vocabulary:

Habitat - the natural home or environment of an animal, plant, or other organism.

Lenape- The **Lenape** (/lə'no:pi/) are a Native American tribe and First Nations people. (They are also called Delaware Indians after their historic territory along the frequently mountainous

landscapes flanking the Delaware River watershed, western Long Island and the Lower Hudson Valley.)

Natural resources - materials or substances such as minerals, forests, and water that occur in nature and can be used to make money.

Environment - the surroundings or conditions in which a person, animal, or plant lives.

Glaciers - a slowly moving mass (large piece) of ice formed by the accumulation (addition of) and compaction (squishing of) of snow on mountains or near the poles.

Hunter-gather - a society that moves around and in which most or all food is obtained from wild plants and animals, in contrast to societies that stay in one place and grow most of their food.

Classroom Display:

- Classroom library for at Native American and natural resources books;
- Local park map highlighting natural resources;
- Children Atlases;

Lesson Introduction:

- KWL chart (example attached) to activate prior knowledge of Native Americans;
- Present vocabulary;
- Hypothesize about how the Lenape utilized the natural resources of Governors Island to survive;

Mini Lesson:

- Introduce Watercolor of Lenape at shoreline, fishing
- Identify natural resources in Watercolor picture;
- Read aloud "Lenape Overview"
- Construct opinions about natural resources the Lenape utilized on Governors Island to survive;

Small Group discussion questions for all groups:

- What can you learn from your photograph about Lenape life on Governors Island in 1609?
- How do your habitat cards and objects apply to your photograph?
- Identify the natural resources in your photograph and describe how they are being used by the Lenape;

- Do you think the objects in your group were important to the Lenape living on Governors Island in 1609? If so, what purpose did they serve? Support your answers with details from the documents.

Share:

- Class regroups to present their research;
- Reference KWL chart to update student learning;

Extended Activity/Enrichment Activity:

- Class/small groups create an inference chart to assist in bridging what they know about natural resources on Governors Island to how the natural resources affected the development of NY Harbor. Students share their Inference chart with students from the grade below to build knowledge about Governors Island, its' natural resources, how the Lenape utilized the resources and the effect of these resources on NY Harbor.