



Two Row Wampum

Organization:

Title: Two Row Wampum

Summary: Students learn about the Two Row Wampum and how it can be used as a metaphor for using Indigenous land-based knowledge and Western science together. Students design wampum inspired beadwork to consolidate their learning.

Big Idea: Big Idea D. Two-Eyed Seeing will Help us to Address the World's Problems: *Indigenous science (Indigenous land-based knowledge) is both similar to and different from Western science and has legitimacy; For future generations, Indigenous land-based knowledge, in the face of environmental change, is crucial for human survival and well-being; Indigenous land-based knowledge and Western Science can be used together to seek shared solutions to global problems.*

Inquiry Question: Inquiry Question 4. How can drawing on both Indigenous knowledge and Western science help us to address complex global challenges such as climate change, invasive species, loss of biodiversity, and contaminants in the environment?

Duration: 1-2 Class Period

Learning Environment: Classroom, Outdoor Classroom

Season: All

Materials:

- Wampum Infographic.pdf
- Wampum Inspired Art Activity.pdf

Meta Data:

Content Type: Activity, culminating activity

Bundle: IK

Theme: Indigenous Knowledge Systems

Subject Area: Art, Biology, Environmental Education, Geography, History, Mathematics, Science, Social Studies

Curriculum Focus: 7-10

An Indigenous community member must be invited into the learning space to deliver beadwork teachings.

- Teacher introduces students to the Two Row Wampum and how it can be used as a metaphor for using Indigenous land-based knowledge and Western science together. The Two Row Wampum is an agreement reached between the Haudenosaunee and the Dutch. Note that Indigenous community members should be present when presenting wampum belt teachings to students found in **Wampum Infographic.pdf**.
- After receiving beadwork teachings from a Haudenosaunee community member students create a personalized design to create "Wampum inspired beadwork". Students can design



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using math manipulatives, computer, graph paper, and/or digital bead loom. See instructions in **Wampum Inspired Art Activity.pdf**. The purpose is not for students to recreate Indigenous beadwork but for students to create a design cohesive with their own culture, positionality, and beliefs.

- While beading, students can brainstorm different global challenges that humanity could better address by drawing on both Western science and Indigenous land-based knowledge systems ie: conservation and species preservation etc.