

Water, Water

Contact Information:

Alaska Native Knowledge Network
University of Alaska Fairbanks
PO Box 756730
Fairbanks AK 99775-6730
Phone (907) 474.1902
Fax (907) 474.2477

Objectives

Students will:

1. Work with the Tribal Council and Elders to locate the water bodies (lakes, rivers, streams or creeks) that have been of traditional importance.
2. Use a USGS/Regional or other map; draw in, or in some way identify the traditional water areas of importance or use.
3. Work with an Elder to find out, historically, how the people knew that the water was "good" and not polluted or compromised in some way.
4. Work with the teacher, Elder, and Tribal Council and test the water quality in those areas.

State Standards

Science

- A. A student should possess and understand the skills of scientific inquiry.
- B. A student should be able to apply scientific knowledge and skills to make reasoned decisions about the use of science and scientific innovations.

Mathematics

- A. A student should understand mathematical facts, concepts, principles, and theories.
- B. A student should understand and be able to select and use a variety of problem-solving strategies.
- C. A student should be able to apply mathematical concepts and processes to situations within and outside of school.

Geography

- A. A student should understand and be able to evaluate how humans and physical environments interact.

Cultural Standards

A. Culturally-knowledgeable students are able to engage effectively in learning activities that are based on traditional ways of knowing and learning.

B. Culturally-knowledgeable students demonstrate an awareness and appreciation of the relationships and processes of interaction of all elements in the world around them.