

NATIVE AURORA VOCABULARY

Lesson Summary:

Students study and learn vocabulary related to the aurora in the local Native language. To infuse more Native language, consider teaching “Traditional Introductions” prior to this lesson.

Objectives:

The student will:

- say, write, and read the vocabulary in the Native language;
- illustrate concepts related to the aurora; and
- complete a task by following written multi-step directions.

GLEs Addressed:

Science

- [6] SA3.1 The student demonstrates an understanding that interactions with the environment provide an opportunity for understanding scientific concepts by gathering data to build a knowledge base that contributes to the development of questions about the local environment (e.g., moose browsing, trail usage, river erosion).
- [9] SD3.2 The student demonstrates an understanding of cycles influenced by energy from the sun and by Earth’s position and motion in our solar system by explaining the phenomena of the aurora.
- [5] SD4.1 The student demonstrates an understanding of the theories regarding the origin and evolution of the universe by distinguishing among stars, planets, moons, comets, and meteors.
- [5] SE2.2 The student demonstrates an understanding that solving problems involves different ways of thinking, perspectives, and curiosity by comparing multiple explanations (e.g., oral traditions, folklore, scientific theory) of everyday events (e.g., weather, seasonal changes).
- [7] SF1.1-SF3.1 The student demonstrates an understanding of the dynamic relationships among scientific, cultural, social, and personal perspectives by investigating the basis of local knowledge (e.g., describing and predicting weather) and sharing that information.

Search Terms:

- Alaska Native language
- vocabulary
- Gwich’in
- Denaakk’e
- Inupiaq
- Yup’ik
- St. Lawrence Island Yupik
- English
- aurora
- Northern Lights