Activity 2: Iñupiaq Northern Lights Vocabulary

Time: 1 class periods (1 class period = 45 min)

Materials:
- Vocabulary card set (1 per group)
- Word Games Instruction Sheet (1 per group)
- Timers (optional)
- Iñupiaq multimedia (available online at: culturalconnections.gi.alaska.edu)
- iPads or computers
- Iñupiaq Northern Lights Vocabulary worksheet

Standards Addressed:
- Alaska Cultural Standards: B.1, B.2
- Iñupiat Learning Framework: [E]E.e.1.5
- Iñupiaq Cultural Values: Knowledge of Language

Background Information:
Based on the Visual Iñupiaq Vocabulary Acquisition (VIVA) Program of the North Slope Borough School District, these vocabulary cards have both the Iñupiaq and English term and an associated image. The games suggested are meant to promote fluency through repeated practice. Other vocabulary cards can be easily integrated into the games. This will extend potential length of the games and add a greater challenge. By working with the words through different games, students can develop greater fluency with the Iñupiaq vocabulary.

Assessments:
- Vocabulary fluency games provide a means of informally assessing student ability to:
  - build on the knowledge and skills of the local cultural community as a foundation from which to achieve personal and academic success throughout life by making effective use of the knowledge, skills and ways of knowing from their own cultural traditions to learn about the larger world in which they live by associating Iñupiat words with their English counterparts;
  - understand the relationship between the environment and the Iñupiaq language by identifying and naming objects in the sky;
  - read and speak Iñupiaq language terms and phrases.

Activity Preparation:
1. Pronunciation and spelling of Iñupiaq terms can vary depending upon the dialect spoken within a community. Ask your local Iñupiaq language teacher to check the vocabulary cards and multimedia to ensure they are accurate for your community. If schedules allow, invite the Iñupiaq language teacher to assist with teaching this activity.

Activity Instructions:
1. Ask students to try the Iñupiaq Vocabulary multimedia activity at culturalconnections.gi.alaska.edu to learn how to pronounce Iñupiaq words related to the northern lights.
2. Show students the vocabulary cards. Hold up each card. Discuss what each card depicts.
3. Say the Iñupiaq word for the illustration depicted on the card. Ask students to repeat the word. Repeat this
once or twice, then ask students to call out the correct word as you hold up each card.

4. Divide the class into groups of four.

5. Provide each group with a printout of the Word Games Instruction sheet, a stack of Vocabulary cards, and a timer (optional).

6. Students can commit to one game for a period of time or mix and match.

7. Provide time for each group to play through the games.

8. Discussion as a class: Which games were hard to do with only a few Iñupiat words in your vocabulary? What games did you enjoy most? What words were difficult to guess, no matter what game you played?

9. Distribute the Iñupiaq Northern Lights Vocabulary Worksheet and ask students to complete it. Please note: There are two versions of the worksheet. The North Slope Iñupiaq version is indicated by the superscript NS in the worksheet's title bar. The Northern Seward Peninsula Iñupiaq version is indicated by the superscript NP in the worksheet's title bar. Use the version that is most appropriate for your community. Provide review as needed.

10. Consider asking students to practice the vocabulary words or play a vocabulary game for 10-15 minutes each day while teaching the Learning Through Cultural Connection: the Northern Lights unit.

Connections and Extensions:

- Ask students to create their own word games to help each other learn new Iñupiaq words.

- Using whiteboard slates and markers, have students write an Iñupiaq word on their slate after prompting with the word’s associated image or English term. Have students show what they wrote to see who is retaining the vocabulary and who might need more practice.

- Create a Focus Wall in your classroom by printing the vocabulary terms and posting them on the wall, along with the Creating the Northern Lights poster and other key concepts and ideas from the activity kit.
Word Games Instruction Sheet

VOCABULARY SWAP:

1. Distribute one card to each person.
2. Practice the word on your card, then find a classmate. Teach them the word on your card and learn the word on their card. Trade cards.
3. Find another classmate and repeat.

FIND THE CARD:

1. Divide into small groups. Each group will need a set of vocabulary cards. Spread the cards in front of you so that everyone in your group can see the pictures.
2. Listen as your teacher says a word aloud from one of the cards.
3. Work with your group to find and hold up the correct card.

VOCABULARY SLAP

1. Select one student to serve as the “caller” for this game. That student should make a list of the Inupiaq vocabulary words on a separate sheet of paper. The words can be found on the back of the cards.
2. Place the cards in a circle, picture-side-up, in the middle of the playing area.
3. The caller should call out a word from their list. Everyone else should quickly place their hand on the picture that they believe represents that word.
4. Turn over the card or cards that students selected to see who chose correctly. Each student who placed his or her hand on the correct card earns a point.
5. Put the card(s) back in the circle and play again.
6. Play for a designated period of time. At the end of the time, the person with the most points wins.

TEAMWORK

1. Divide your group into two teams. Each team will need a pencil and paper.
2. Shuffle the vocabulary cards and place them picture-side up in the middle of the table.
3. Work with your team to write down the Inupiaq and English words for the picture on the card.
4. After both teams have written answers, turn the card over to check. Teams get 1 point for the correct Inupiaq word and 1 point for the correct English word.
5. Repeat until all cards are gone. The team with the most points wins.

ACT IT OUT

1. Shuffle the vocabulary cards and deal them out to each player. Keep your cards a secret!
2. Take turns acting out your cards using motions and sound effects, but no words.
3. Whoever guesses the Inupiaq word first takes the card as a point.
4. The game is over after all cards have been acted out.
5. Optional: Add a timer to the mix! See if you can get your classmates to guess the word in 30 or 60 seconds.
Draw a line to connect each Iñupiaq word to the correct image:

- northern lights: siqiñiq
- sun: siqilhatinniq
- Earth: Nunaqpak
- solar wind: nipitchaŋa nunaqpaum
- Earth's magnetic field: kiuquyat
- particles: siaminniŋa siqiñŋum
Draw a line to connect each Iñupiaq word to the correct image:

- northern lights
- solar wind
- mazaq
- massam anuŋiŋa
- sun
- particles
- Nunaqpak
- kiugiyaq
- Earth
- ağivlat