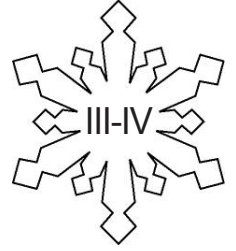


Long-term Temperature Changes Essay

Levels



Grades 5-8

Overview:

During this project, students interview Elders and write an essay about long-term temperature changes in their community.

Objectives:

The student will:

- interview one or more Elders or community members; and
- write an essay about long-term temperature change based on the interviews and person experience.

GLEs Addressed:

Science

- [5-8] SA1.1 The student demonstrates an understanding of the processes of science by asking questions, predicting, observing, describing, measuring, classifying, making generalizations, inferring, and communicating.
- [5] SA2.1 The student demonstrates an understanding of the attitudes and approaches to scientific inquiry by supporting the student's own statements with facts from a variety of resources and by identifying their sources.
- [7] SF1.1-3.1 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.

Materials:

- STUDENT WORKSHEET: "Long-term Temperature Changes Essay"

Activity Procedure:

1. Distribute STUDENT WORKSHEETS. Instruct students to interview one or more community members or Elders (parents, grandparents, aunts, uncles or other Elders) about their observations of long-term temperature change in their community. A list of possible interview questions is provided on the STUDENT WORKSHEETS.
2. Students should write an essay using the information gleaned from the interviews as well as relevant personal experience about how the temperature in their community may be changing.

Answers to Student Worksheet:

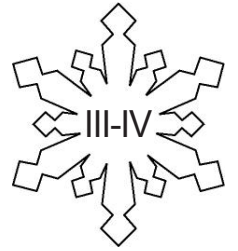
Answers will vary.

Name: _____

Long-term Temperature Changes Essay

Student Worksheet

Levels



Interview a parent or an Elder in your community about long-term temperature changes. Try to interview more than one person. Below is a list of possible interview questions you might ask:

- How does the temperature of our village these days compare to the temperature of our village when you were a child?
- When was the coldest day you can remember?
- When was the warmest day you can remember?
- Will you tell us about the warmest winter you remember?
- Will you tell us about the coldest winter you remember?
- Will you share a story about an adventure or experience you or someone you know had with cold weather? Hot weather?
- What can animal behavior tell us about temperature and weather?
- How can we prepare for the weather if we are going hunting in the winter? Summer?

Based on your interviews and your own personal experiences, describe how temperatures have (or have not) changed in your community. Give specific examples to back up your explanation.
