

Calendar Weather

(Teacher Notes)

Grade Level: 1-2

GLEs:

GLE #	GLE Text and Benchmarks
Science as Inquiry	
1.	Ask questions about objects and events in the environment (e.g., plants, rocks, storms) (SI-E-A1)
2.	Pose questions that can be answered by using students' own observations and scientific knowledge (SI-E-A1)
3.	Predict and anticipate possible outcomes (SI-E-A2)
5.	Use the five senses to describe observations (SI-E-A3)
6.	Measure and record length and temperature in both metric system and U.S. system units (SI-E-A4)
7.	Select and use developmentally appropriate equipment and tools and units of measurement to observe and collect data (SI-E-A4)
8.	Express data in a variety of ways by constructing illustrations, graphs, charts, tables, concept maps, and oral and written explanations as appropriate (SI-E-A5) (SI-E-B4)
9.	Use a variety of appropriate formats to describe procedures and to express ideas about demonstrations or experiments (e.g., drawings, journals, reports, presentations, exhibitions, portfolios) (SI-E-A6)
10.	Identify and use appropriate safety procedures and equipment when conducting investigations (e.g., gloves, goggles, hair ties) (SI-E-A7)
Earth and Space Science	
38.	Compare weather patterns as they relate to seasonal changes in students' immediate environment (ESS-E-A4)

Materials: Thermometers, GLX temperature sensors, "Today's Temperature" worksheet (or you may want to make a poster to color with the class), red crayons, "Weather Watcher" class data sheet (as a wall chart or transparency) or Large Calendar

Vocabulary: Thermometer, Temperature, Weather

Introductory Activity:

1. Show students a thermometer. Point out its parts and discuss its purpose. Ask students if they know what temperature is the freezing point (32° Fahrenheit.)
2. At the same time every day, read a thermometer with students and measure it with the GLX temperature sensor (directions below). Model for students how to record the temperature on the "Today's Temperature" worksheet.