

# Calendar Weather

## (Teacher Notes)

**Grade Level:** 1-2

**GLEs:**

| GLE #                          | GLE Text and Benchmarks  |
|--------------------------------|--|
| <b>Science as Inquiry</b>      |  |
| 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)   |
| <b>Earth and Space Science</b> |  |
| 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.