

**Project FOCUS  
Best Lessons  
FIRST GRADE**

**Title of Lesson: Measuring the Temperature Inside and Outside of the Classroom**

**Theme: Earth/Space Science**

**Unit Number: 1      Unit Title: Weather and the Seasons**

**Performance Standard(s) Covered (enter code):**

S1CS2

S1CS3

S1CS7

S1E1

**Enduring Standards (objectives of activity):**

**Habits of Mind**

- Asks questions
- Uses numbers to quantify
- Works in a group
- Uses tools to measure and view
- Looks at how parts of things are needed
- Describes and compares using physical attributes
- Observes using senses
- Draws and describes observations

**Content (key terms and topics covered):**

Temperature, thermometers, weather

**Learning Activity (Description in Steps)**

**Abstract(limit 100 characters):** Children will learn how a thermometer works and how it measures the temperature.

**Details:** First, measure the temperature of the classroom. Then, get the children in a single file line and go outside to measure the temperature. Be sure to allow the children to figure out the temperature by looking at the thermometer. It may be wise to put the thermometer at the respective place for about 5 minutes. Afterwards, the students can draw their very own thermometers for both temperatures. If the time permits, the children can come and present their weather reports or they can do their presentations the next day.

**Materials Needed (Type and Quantity):**

Thermometer (1)

White piece of paper (1 per child)

Red crayon (1 per child)

Pencil (1 per child)

**Notes and Tips (suggested changes, alternative methods, cautions):**

If the children handle the thermometer, then make sure that you are carefully watching because they can easily break the thermometer, which usually contains mercury. Alternatively, alcohol thermometers are available to avoid these problems.

**Sources/References:**

1) **Harcourt Science (D8)**

2)

3)