

Weather
2nd Grade
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Benchmarks:

SLC 13: A) Students will read weather instruments and describe how each instrument is used in forecasting the weather. B) Students will be able to use the data collected from weather instruments and other weather sources (newspaper, computer, TV) to forecast the weather.

Objectives:

This lesson is designed to teach the basic components of weather (temperature, precipitation, wind speed), as well as how to measure them. In addition, students will learn how to find these components on weather maps.

Materials:

- Attachment A, pg 19 from Columbus Public Schools for grade 3 SLC 13. (This can be found by going to the main site for CPS. Click on "For Staff," then "science offices," then "curriculum guide". Type in grade 3, slc17, grading period2. The top part of the attachment should not be copied.)
- 5 thermometers.
- Rain Gauge – clear plastic container
- Current newspaper.
- Drinking Straws.
- Push pins.
- Unsharpened pencils with erasers.
- Small Dixie cups.

Day 1:

Discussion:

Divide the class into five groups. Write "What is Weather?" on the chalkboard. Give the groups 60 seconds to come up with a definition. Briefly discuss each group's answers. Give them another couple of minutes to name the components of weather.

Target Model:

- Temperature*
- Precipitation (rain, snow, sleet, cats and dogs...)*
- Wind Speed*

Discussion:

How do meteorologists measure these components to help them predict the weather?

Target Model:

- Temperature is measured with a Thermometer.*