Microclimates
5th grade - Field Trip Station

Overview
Students use the scientific process and scientific instruments to test hypotheses made about microclimate differences. Temperature, humidity, and wind speed are measured and the data are then compared to the students’ hypotheses.

Vocabulary
- **Microclimate** - the climate of a very small or restricted area, especially when this differs from the climate of the surrounding area.
- **Humidity** - the amount of water vapor in the air.
- **Anemometer** - an instrument for measuring the speed of the wind.

NM Science Standards Addressed
1-1-1-1 Plan and conduct investigations, including formulating testable questions, making systematic observations, developing logical conclusions, and communicating findings.
1-1-1-2 Use appropriate technologies (e.g., calculators, computers, balances, spring scales, microscopes) to perform scientific tests and to collect and display data.
1-1-3-1 Use appropriate units to make precise and varied measurements.

CCSS Language Arts Standards Addressed
SL.5.1.B Follow agreed-upon rules for discussions and carry out assigned roles.
SL.5.1.C Pose and respond to specific questions by making comments that contribute to the discussion and elaborate on the remarks of others.