Microclimates
4th 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 Use instruments to perform investigations (e.g., timers, balances) and communicate findings.
1-1-2-1 Communicate ideas and present findings about scientific investigations that are open to critique from others.
1-1-3-1 Conduct multiple trials using simple mathematical techniques to make and test predictions.
3-1-1-4 Know that both men and women of all races and social backgrounds choose science as a career.

CCSS Language Arts Standards Addressed
SL.4.1.B Follow agreed-upon rules for discussions and carry out assigned roles.
SL.4.1.C Pose and respond to specific questions to clarify or follow up on information, and make comments that contribute to the discussion and link to the remarks of others.