

i3 STC Kit Extension Activities

North Carolina

Grade: 2 nd Grade	
Kit Name: Weather	
Essential Standard(s): (List number, standard, clarifying objectives where appropriate) 2.E.1.1 Summarize how energy from the sun serves as a source of light that warms land, air, and water.	
Unpack the Standard (What does it mean?? What is the “Big Idea”?): Students know that light travels from the sun to the earth. Some of this light is reflected back into space, some is absorbed by the land, water, and air.	
What is the Engaging (will get the student interesting) Essential Question that the students will be trying to answer as a result of this Extension? What is the importance of the sun in relation to our weather? I can summarize how the sun’s energy warms the land, air, and water.	
Which activities in the kit touch on the Standard(s) and how can they be adjusted to better address the Standard(s)? None	
Kit Activity	Extension Suggestions
	Experiment including cups with water, soil, and air with thermometers in each. Put them in a window (or a sunny area). Take daily recordings of observations of change and temperature in each cup environment about evaporation and the water cycle.
Additional Suggestions (Literature connections; online resources): <u>Discovery Education- Full Video: <i>Weather: Changes in Measurement</i></u> <u>Discovery Education-Full Video: <i>Weather Start: Sun, Heat, Air, & Wind</i> (with k-2 Teacher’s Guide and in Spanish)</u> <u>Other Weather Sites-</u> www.wonderopolis.org www.twigcarolinabiological.com http://exchange.smarttech.com/#tab=0 (Sun, Heat, & Evaporation)	