

Science Project: Classroom Weather Station

0507.8.4 Use local environmental information to analyze how weather and climate are affected by landforms and bodies of water.

Use the following sheet to record weather information for a two week (10 school days) period. Then, write a report summarizing your findings and looking at any patterns you may find in the results. A rubric is also attached for the report.

<u>Date</u>	<u>Temperature</u>	<u>Rainfall</u>	<u>Barometric Pressure</u>	<u>Humidity</u>
-------------	--------------------	-----------------	--------------------------------	-----------------

Classroom Weather Station Report Rubric

	4	3	2	1
Appearance/Organization	Lab report is well written and uses headings and subheadings to visually organize the material.	Lab report is neatly handwritten and uses headings and subheadings to visually organize the material.	Lab report is neatly written or typed, but formatting does not help visually organize the material.	Lab report is handwritten and looks sloppy with cross-outs, multiple erasures and/or tears and creases.
Summary	Summary describes the skills learned, the information learned and some future applications to real life situations.	Summary describes the information learned and a possible application to a real life situation.	Summary describes the information learned.	No summary is written.
Spelling, Punctuation and Grammar	One or fewer errors in spelling, punctuation and grammar in the report.	Two or three errors in spelling, punctuation and grammar in the report.	Four errors in spelling, punctuation and grammar in the report.	More than 4 errors in spelling, punctuation and grammar in the report.