

## Building A Structure : Weather Station

Teacher Name: \_\_\_\_\_

Student Name: \_\_\_\_\_

CATEGORY	4	3	2	1
<b>Information Gathering</b>	Accurate information taken from several sources in a systematic manner.	Accurate information taken from a couple of sources in a systematic manner.	Accurate information taken from a couple of sources but not systematically.	Information taken from only one source and/or information not accurate.
<b>Construction - Materials</b>	Appropriate materials were taken in by group members.	Most of Appropriate materials were taken in by group members.	Some of Appropriate materials were taken in by group members.	None of appropriate materials were taken in by group members.
<b>Construction - Appearance</b>	Great care taken in construction process so that the structure is neat, attractive and follows plans accurately.	Construction was careful and accurate for the most part, but 1-2 details could have been refined for a more attractive product.	Construction accurately followed the plans, but 3-4 details could have been refined for a more attractive product.	Construction appears careless or haphazard. Many details need refinement for a strong or attractive product.
<b>Location of Weather Station</b>	Appropriate selection of location of weather station.	One aspect of their location selected could have been improved.	Two aspects of their location selected could have been improved.	Location selected did not meet the criteria of a weather station
<b>Modification/Testing</b>	Clear evidence of troubleshooting, testing, and refinements based on data or scientific principles.	Clear evidence of troubleshooting, testing and refinements.	Some evidence of troubleshooting, testing and refinements.	Little evidence of troubleshooting, testing or refinement.
<b>Graph Data</b>	Data was collected from all weather instruments and successfully graphed versus time.	Most data was collected from all weather instruments and successfully graphed versus time.	Some data was collected from all weather instruments and successfully graphed versus time.	No data was collected.