

Name

**Rubric: Sunrise-Sunset Project**

<b>CRITERIA</b>	<b>EXCELLENT 50-45</b>	<b>ACCEPTABLE 44-37</b>	<b>UNACCEPTABLE 36-0</b>
<b>Content</b> Describe and explain: latitude patterns, seasonal patterns, energy delivery pattern, and common points (NODES)	Superior explanation of all 4 elements – Showing an in- depth understanding. All elements must be includes and accurate.	All 4 elements explained accurately. High level of understanding for all 4 elements.	Some elements missing or poorly explained. Confusion evident.
	<b>20-17 Points</b>	<b>16-14 Points</b>	<b>13-0 Points</b>
<b>Data</b> Include: Copy of data. Graphs of length of day. Graphs of sunrise/set Diagrams-self generated. (latitudes, globe/terminator) Earth/Sun relationship	All data included. Diagrams accurately and neatly done. Proper scaling.	All data included. Diagrams accurately and neatly done with minor mistakes.	Data missing. Diagrams inaccurate. Scales not consistent.
	<b>30-27 Points</b>	<b>26-22 Points</b>	<b>21-0 Points</b>
<b>Structure</b> Use of spreadsheet, charts, graphs, and other data in writing of the warrants to prove claims. Logical connections between claim, evidence and warrant. Correct use of vocabulary.	Extensive use of evidence, charts, graphs and diagrams in writing the warrants to prove the claim. Connections are clear and logical. Warrants are fully developed. Correct use of spelling, grammar and vocabulary.	Satisfactory use of evidence. Warrants not fully developed. Connections are somewhat unclear. Minor spelling and grammatical errors.	Lack of evidence or evidence does not fit the claim. Format not followed. Numerous spelling and grammatical mistakes.