

## Energy Source Rubric for Group Learning Center

	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>
<b>Technology</b>	Clearly states the technology needed and used to create energy from the source. Uses diagrams and other visual representations to aid in understanding.	Explains the technologies used but does not include diagrams or other visual representations.	Does not clearly state the technologies used to drive the energy source.	Provides no references to the technologies used.
<b>History</b>	Clearly states the history behind the development of the energy source. Includes a timeline and other visual representation based on data compiled from a variety of sources.	Clearly states the history behind the development of the energy sources with a timeline or other visual representation.	Mentions history but lacks visual representation.	Omits or only briefly mentions history.
<b>Advantages and Disadvantages</b> <ul style="list-style-type: none"> <li>• Availability</li> <li>• Economics</li> <li>• Environment</li> <li>• Ethics</li> <li>• Safety</li> </ul>	Includes a chart with detailed advantages and disadvantages associated with the energy source. Includes at least five distinct categories on the chart. Shows evidence that data is compiled from a variety of sources.	Includes a chart with detailed advantages and disadvantages associated with the energy source. Includes at least three distinct categories on the chart.	Mentions only a few advantages and disadvantages.	Does not mention any advantages or disadvantages.
<b>Environment</b>	Includes an environmental impact report with data and statistics used to explain impact. Provides original graphs constructed by using data compiled from a variety of sources. Uses data to add clarity to the impact report.	Includes an environmental impact report with data and statistics used to explain impact. Presents graphs and statistics, but they are not original.	Includes few references about the impact on the environment. Does not provide enough details to clearly explain the environmental impact.	Does not mention environmental impacts or provides inaccurate information.
<b>Economics</b>	Compares data from at least four other energy sources in the cost analysis. Provides a rationale	Provides a cost analysis, which includes the benefits and challenges	Includes a few references to the cost of production of the group's energy source, but	Includes no references to the cost of production of the group's energy source.

	statement that summarizes the data. Uses data analysis to explain the costs associated with the production of the group's energy source.	associated with the production of the group's energy source.	does not provide enough details.	
<b>Usage</b>	Shows evidence that the current availability and use is researched, and includes a summary of recommendations for the future use of the energy source. Communicates data through unique and original visual representation.	Shows evidence that the current availability and use is researched, and visually represents some data.	Shows some evidence that the current availability and use of the group's energy source is research, but does not provide enough details.	Includes no references to the current availability and use of the group's energy source.
<b>Teamwork</b>	Demonstrates that the work was distributed fairly among group members. Serves as a role model for teamwork.	Demonstrates that the work was distributed fairly among group members.	Demonstrates that arguments and a lack of communication prevented a quality group project, and only a few group members did most of the work.	Demonstrates that arguments, a lack of communication, and a lack of effort prevented the project from being completed by the group.
<b>Visual</b>	Presents a professional and unique learning center that is clearly designed with the audience in mind.	Presents a visually appealing learning center in which information is organized, easy to read, and easy to understand.	Presents a learning center that lacks visual appeal and makes information difficult to access.	Presents information that is unorganized and hard to read.

Note: Must include a bibliography per category. Project will not be graded without the bibliography. All graphs and data must be cited directly under the graph. For all original graphs and data, cite the group members' who developed the graphs or compiled the data and statistics.