

Solar Energy Rubric

Name _____ Group _____

Medium Chosen: _____ Multimedia Slideshow _____ Newsletter or Brochure

	4	3	2	1
Understanding	Explanations by all group members indicate a clear and accurate understanding of solar energy and heat transfer, and a rationale for the project is explained.	Explanations by all group members indicate a relatively accurate understanding of the scientific principles of solar energy and heat transfer, and a rationale for the project is explained.	Explanations by most group members indicate some understanding of the scientific principles of solar energy and heat transfer, and an attempt is made to explain a rationale for the project.	Explanations by several members of the group do not illustrate much understanding of the scientific principles of solar energy and heat transfer, and no attempt is made to explain a rationale for the project.
	Plan Plan is neat with clear measurements and labeling for all components.	Plan is neat with clear measurements and labeling for most components.	Plan provides clear measurements and labeling for most components.	Plan does not show measurements clearly or is otherwise inadequately labeled.
Organization	Information Gathering Accurate information is taken from several sources in a systematic manner.	Accurate information is taken from a couple of sources in a systematic manner.	Accurate information is taken from a couple of sources but not systematically.	Information is taken from only one source, or information is not accurate.
	Composition Well-chosen fonts, pleasing colors, and graphics support ideas throughout the project. Design elements flow, guiding the reader.	Fonts, colors, and graphics are suited to the project. Design elements are consistent.	Fonts, colors, and graphics may be randomly chosen. Design elements are irregular.	Text, colors, and graphics are distracting or inappropriate. Design elements detract from the project.
Technology	Medium Elements particular to the medium are used to advantage. Digital photos and graphs are creatively used to communicate ideas.	Some special features of the medium are employed. Digital photos and graphs are used to communicate ideas.	Few features of the medium are employed. Digital photos and graphs are used but do not communicate effectively.	The medium is not used to advantage. No digital photos or graphs are used effectively.
	Mechanics Word choice is appropriate and engaging. Grammar and spelling are free of errors.	Word choice is appropriate. Grammar and spelling are generally free of errors.	Word choice is generally appropriate. Poor grammar and spelling cause several errors.	Word choice is inappropriate. Poor grammar and spelling cause major errors.

Construction	Materials			
	Appropriate materials were selected and creatively modified in ways that made them even better.	Appropriate materials were selected, and an attempt was made at creative modification to make them even better.	Appropriate materials were selected.	Inappropriate materials were selected and contributed to a product that performed poorly.
	Modifications			
	Project shows clear evidence of troubleshooting, testing, and refinements based on data or scientific principles.	Project shows clear evidence of troubleshooting, testing, and refinements.	Project shows some evidence of troubleshooting, testing, and refinements.	Project shows little evidence of troubleshooting, testing, and refinement.

Medium

___ Multimedia Slideshow

___ Brochure or Newsletter

Comments:

Journal Entries

Comments: