

Name(s) _____ Period: _____ Total Points: _____/50 pts. total

Solar Cooker Rubric

	Unsatisfactory	Satisfactory	Exemplary
Research (0-15)	<ul style="list-style-type: none"> - Student(s) used one resource. - No citations provided - Paragraphs are not 5 sentences long, handwritten or typed, does not have a title page and is not grammatically correct. (0-4)	<ul style="list-style-type: none"> - Student(s) used one or two resources. - Cited some sources. - Paragraphs are not 5 sentences long, typed, has a title page and is grammatically correct. (5-9)	<ul style="list-style-type: none"> - Student(s) researched 3 resources from multiple media sources. - Cited each source in MLA format. - 2 paragraphs each source, paragraphs are at least 5 sentences long, paper is typed, has a title page and is grammatically correct. (10-15)
Construction (0-15)	<ul style="list-style-type: none"> - Solar cooker is a kit. - Utilized most preconstructed materials. - Utilizes few components of reflective surfaces, focal points, thermal energy and transfer, color and light. - The cooker is constructed but has lots of visible glue and other undesirable characteristics (0-9)	<ul style="list-style-type: none"> - Solar cooker is constructed and not a kit. - Utilized some preconstructed materials. - Utilizes some components of reflective surfaces, focal points, thermal energy and transfer, color and light. - The cooker is constructed but has some visible glue and other undesirable characteristics (10-19)	<ul style="list-style-type: none"> - Solar cooker is constructed and not a kit. - Utilizes components of reflective surfaces, focal points, thermal energy and transfer, color and light. - - The cooker is neat, professionally constructed, free from excess glue. (20-30)
Performance Test (0-5)	-Students failed to test solar cooker or the solar cooker didn't increase the temperature of the items in it. (0-2)	-Solar cooker heated items, but not to consumable temperatures (3)	- Solar cooker heated items to a consumable temperature (4-5)
Adaptability (0-5)	Students physically move entire device to utilize the sun better. (0-2)	Students have a way to reposition the device, but it does not work. (3)	Students' devices can be repositioned and utilized the sun to its full advantage. (4-5)
Neatness of your Cooker (0-10)	Cooker that is not constructed neatly and has an abundance of glue globs, edges are not neat, seams have gaps, etc. (0-3)	Cooker that has basic décor but with a few glue globs, overall the instrument looks well-constructed (4-6)	Cooker that looks very clean, no glue globs, and the décor is neatly done. It actually looks like a solar cooker from a kit. (7-10)
Cook Multiple Items + (0-5)	Cooker Portability +(0-5)	Cooker Label and Design +(0-5)	Recycled Materials +(0-5)