

Rubric for Solar Cooker

Catagories	5	4	3	2	1	Totals
Completed solar cooker	Cooker is set up and ready to go at start time	Cooker is ready but not set up at 5 minutes into lab	Cooker is not in the classroom but is at school and needs time to be set up 10 minutes	Cooker is not finished but is at school and can be set up within 20 min.	Cooker is not finished and needs at least 30 minutes to complete and set up	
Questions	All analysis and lab questions completed	1analysis or lab questions not done	2 analysis or lab questions not done	3 analysis or lab question not done	4 analysis or lab questions not done	
Teamwork (plan cooker, build cooker, cooking competition, write-up)	All members of the team were involved in all aspects of the project	Some members of the team were involved in all aspects of the project	One member of the team was not involved in any aspect of the project	More than one team member did nothing	One team member did 99% of the work	
Competition (30 minutes)	The cooker heated the water 15 degrees (the team that heats the highest gets 10 extra points)	The cooker cooked heated the water 10 degrees	The cooker partially heated the water (5 degrees) was barely warm	The cooker heated some but did not exceed 3 degrees	The cooker did not heat at all	
Write-up (counted double)	Data table, analysis chart, graph,	One of the 4 sections of the write up is incomplete	Two of the 4 sections of the write up are incomplete	Three of the 4 sections of the write up are incomplete	All four of the 4 sections of the write up are incomplete	

Each student will receive a team score on catagories

Category Totals (Raw Score)	
Times 4	
Final Grade	

1 – 4 (completion, materials, teamwork & competition) and an individual score for category 5 (write-up).

Each raw score will be multiplied by 4 to receive the numeric grade for the project.

Example: completion = 5 materials = 4 teamwork = 5 competition = 4 write-up = 4 raw score = 22
Raw score (22) x 4 = 88 Final exam grade = 88