

STEM/CTE LESSON PLANS

#	Projects	K-2	3-5	6-8	9-12	College
1	Carbon footprint reduction.		x	x	x	x
2	Energy conversion.	x	x	x	x	
3	Energy dollar saving.		x	x		
4	Heat transfer via conduction.		x	x	x	
5	Minimize thermal energy transfer.		x	x		X
6	Maximize thermal energy transfer.		x	x		X
7	Social impact of clean cook stoves.		x	x	x	x
8	Solar energy fundamental.	x	x	x		
9	Solar heating and cooking.	x	x	x		
10	Solar tracker impact.		x	x		
11	Water distilling.		x	x	x	X
12	Water pasteurization & microbiology.		x	x	x	X
13	Design and making parts for solar tracker and cooker.				x	X
14	The advantages and disadvantages of solar energy.				X	x
15	Entrepreneurship.				X	x