



FRIDAY: Kitchen Science - Solar Cookers and Ice Cream

Part A: EXPLORE: Building a Basic Solar Cooker

	Starting Temperature	Ending Temperature	How much did the temperature change?	Cooking time
Basic Solar Cooker				
Redesigned Solar Cooker 1				
Redesigned Solar Cooker 2				

Part B: REDESIGN: PLAN for your SOLAR COOKER

Ask: What is the problem you need to solve?

Plan: What will your design look like? Draw a labeled diagram and write down your materials with the amount you need:

Imagine: What are your ideas for solving this problem?

- 1.
- 2.
- 3.

Part C: FOOD SCIENCE: Ice Cream After Phase Change

Temperature of Ice with Salt

