

Unit: Cooking with the Sun and Sun Ovens

Lesson #11: Build the Ultimate Solar Oven

My Ultimate Solar Oven

Name _____

How would you design your own oven, using materials that you can find at home, school, the Dollar Store or a home improvement store? You will have a chance to draw and describe it on the back of this paper.

Remember, you must have:

- Reflective material
- Something to support the reflective material and cooking pot
- Plastic or glass surrounding your cooking pot
- Circulation around your cooking pot
- A dark interior and insulation if you build a box cooker

How creative can you make your design while keeping it functional and efficient?
Use your imagination!

Materials you need:

Checklist of components:

_____ Smooth reflective material

_____ Support for the reflective material and pot

_____ Plastic or glass surrounding your cooking pot

_____ A dark interior

_____ A way for air to circulate around your cooking pot

_____ Insulation

Sketch your design below and label all of the components.
