

Today you will watch a video comparing two types of solar cookers: a pizza box and cone shaped.



In the picture the pizza box solar cooker is on the left and the cone shaped solar cooker is on the right.

- **Before watching the video**

Make a prediction. Fill in the blank or type your own sentence below using the following sentence starter.

I predict the _____ solar cooker will work better because

- **Watch this Solar Cooker video:**

<https://www.pbslearningmedia.org/resource/phy03.sci.phys.mfe.zsolar/cooking-cookies-with-solar-power/>

- Fill in the temperature in the data chart below:

	Control	Pizza Box (Caroline and Libby's design)	Cone Shaped (Scott's design)
Temperature	° F	° F	° F

- Fill in the blanks:

- The aluminum foil helps to _____ (reflect/ absorb) the sunlight.
- The black construction paper _____ (reflects/ absorbs) the sunlight.
- The _____ (pizza box/ cone shaped) solar cooker worked better because

(if you need help for this question, go back to the video and listen at 2:41)