

The Greenhouse Effect in a Jar

Name: _____

Period: _____

Use the following table to record the temperatures you read on the thermometers and the time each observation was made.

Observation #	Time	Thermometer #1	Thermometer #2
0			
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

1. What happened to the temperatures over 10 minutes? Did one thermometer show a quicker rise in temperature? Did either of the thermometers show a drop in temperature?
2. Which thermometer showed a greater rise in temperature? Why do you think one thermometer showed a different temperature reading than the other?
3. Using what you know about the Greenhouse Effect, how do you think the jar and the thermometer inside relate to what is happening on our planet?