Data Table

GROUP MEMBERS _____

Hypothesis

Predict which one of the three environments will be the warmest after 20 minutes, and explain why you expect this.

_____

_____

_____

Procedures

1. Make sure that all 3 thermometers read the same temperature.
2. Near a heat source, place one thermometer in an uncovered glass container.
3. Next to the uncovered glass container, place one thermometer in a second glass container. Cover the top of the container with plastic wrap.
4. Next to the second glass container, place one thermometer in a third glass container with a damp paper towel that has been held under warm water. Cover the top of the container with plastic wrap.
5. Make sure that all thermometers are equidistant from the heat source so that they receive the same amount of heat energy.
6. Record the temperature of all three thermometers every 60 seconds for 20 minutes. Record data below.
7. After 20 minutes, move the three containers away from the heat source and observe what happens to the temperature in each container.

Data Table

Time (minutes)	Temperature (°Celsius)		
	Uncovered	Covered/Dry	Covered/Damp
0			
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			

Results

Which environment warmed the most?

After you removed the containers from the heat source, which one retained the most heat?