

Student Name: _____

Experiment: Temperature of the Surrounding Objects

- To illustrate how surface temperature varies for dark and light land surfaces, and type of material, in same atmosphere (air temperature).
- You will be given Infrared Thermometer, and temperature probe.
- Measure the surface temperature at different points/locations under various conditions: leg, tabletop, wall, light, and electronics, such as computers that heat up when used.
- Analyze the difference in temperature based on objects (1) material and (2) Color.
- Measure the temperature of wall from bottom to top (up to 5-6 ft).

Outcome:

What can you conclude from these results?



Which objects are having lowest and highest temperature? Why?

Temperature Observations

No.	Object	Temp (F)	Comments
1	Air Temperature		
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			