

Monitoring Light Intensity Energy Activity

School Site:

Date:

Team Leader

Team Members

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The **Monitoring Light Intensity Energy Activity** is an exercise in measuring the luminosity of any space within a home, school, or building. The light intensity of a space is called Lux. You will use the Lux Meter to capture the luminosity or intensity of light in a space or area of a room.



Taking a Measurement

1. Press the Power button to turn on the Lux Meter.
2. Let the readings run for at least 2 minutes to capture the Lux Number and press hold to stop the reading.
3. Write down the Temperature and Lux Number readings of each space/area.
4. Repeat steps 1-3 for all the spaces listed in the table below.

Additional Actions

1. Press the Min/Max button to toggle between the minimum Lux Number and the Max Lux Number.
2. Press the Power button to turn of the Lux Meter, then press and hold the Hold button while pressing the Power button to switch between degree Celsius and degree Fahrenheit.

Team Experiments

The goal of this activity is to measure and record the light intensity of indoor spaces by completing the following experiments with your assigned team.

No.	Space/Area	Temperature (C° F°)	Lux Number
1	Classroom		
2	Gymnasium		
3	Bathroom		
4	Cafeteria		
5	Administrative Office		