

Energy Theme: Learning About Light:

*Suitable for All
Students*



Light can be responsible for up to 40% of energy costs in a school. We can reduce light costs by changing bulbs to more energy efficient lighting like LEDs. Or have switch off campaigns.

Light is measured in Lumens – it is the amount of light (lumens) falling on a surface (over any given square meter). Therefore, light intensity is measured in terms of lumens per square meter (lux).

You can use a LUX meter app to read how many lumens fall in your room, classroom, school....

The recommended LUX for a classroom is 300 Lux for Young people. Why not map out your class and see what LUX is in your room.

Then, learn when its Bright with natural light, turn of the lights.

To get started, we need you to do 2 things. First, download the lux meter app on your phone or school tablets (there are lots of free options) and second, draw a map of the room. The map does not have to be exactly to scale. A rough approximation will do but you should try to include the main features of the room, like furniture, doors and windows. Use the LUX meter to find reading and mark them down on the map.



Lux Meter (Light Me
My Mobile Tools Dev

★★★★★



Energy Theme: Learning About Light:

Sample Classroom Map

Map out the blithest and darkest spots in the room.

