



Lighting Audit

A lighting audit is a great way of assessing the lighting needs of the school and the associated energy needs. The survey allows you to assess the current lighting situation in the school and to identify areas where improvements can be made.

Equipment needed:

1. Paper and Pen
3. School Map
4. Lighting Survey Form (next page)

Procedure:

1. Determine lamp type(s) for room
2. Record number of light bulbs and their wattage

From your findings, identify areas where improvements can be made, e.g. decreasing the amount of bulbs in a room, replacement of bulbs with CFLs, use of natural light, ensuring lights are switched off when not in use, etc.



Conversion Chart

Appliance	Average Watts	Estimated Cost Per Hour(€) (c)
Lamp (ultraviolet)	300	0.042
Lighting Fluorescent	40	0.0056
Compact Fluorescent	11	0.00154
Incandescent	25	0.0035
Floodlight	250	0.035

