



LUX AND LIGHT METER



Recommended lux levels for schools:

Lux	Area
100~200	Auditorium, Indoor Gymnasium
200~750	Classroom
500~1,500	Laboratory, Library

WHAT DOES IT DO?

Measures light intensity & illumination.

Lux is a unit of measurement of the intensity of light. It is equal to the illumination of a surface one meter away from a single candle.

HOW TO USE

- Light level measurements: from 0.01lux to 50000 lux.
- Easy to use with single function switch.
- 3 1/2 digit LCD display with low-battery & over range indication.
- If "BAT" appears on LCD screen, it indicates battery should be replaced.
- Uses one AA battery.

For further instructions on how to use, read manual in the box.

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ENERGY KIT CONTENTS

In your kit you will find:

- A digital thermometer
 - A plug-in electricity cost and usage calculator
 - A lux and light meter
 - A wind-up torch
 - A clipboard
 - A calculator
 - AAA rechargeable batteries
 - AA batteries
-
- A booklet full of hot energy facts
 - Energy walk round inspection questionnaires
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- You will need: paper, pencils and watchful eyes!

PLEASE HANDLE ALL EQUIPMENT WITH CARE

After completion of your energy walk rounds, please return the kit with all equipment to:

Sara Kassam | Sustainability Officer
London Borough of Richmond upon Thames
A: 44 York Street, Twickenham TW1 3BZ
T: 020 8891 7302
E: sara.kassam@richmond.gov.uk

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DIGITAL THERMOMETER

WHAT DOES IT DO?

Dual-purpose clock that displays the time as well as the ambient temperature in either Celsius or Fahrenheit.

HOW TO USE

- On the front of the unit is a single push-button labelled 'Clock' which, when the display is reading temperature, will show the time when pressed.
- The temperature sensor is positioned at the top left-hand side of the unit's face. Uses one AAA battery.

Recommended temperatures for schools:

Temp	Area
18 °C	Normal teaching
15°C	Circulation spaces e.g. corridors and for areas with high levels of activity e.g. sports halls
21°C	Special needs schools, low activity areas or areas with very young children

PLUG-IN ELECTRICITY CALCULATOR

WHAT DOES IT DO?

Measures energy consumption from any appliance plugged into a socket.

Great for seeing how much power your appliances are consuming. Can display the cost of electricity and power used.



HOW TO USE

- Enter the unit cost of your electricity and plug an appliance or extension lead into the power monitor.
- The LCD screen enables you to easily see the cost of the plugged in appliances.
- It allows you to see useful data such as: cost generated by a socket, tariff, power factor, kilowatt hours used (as found on your electricity bill), active watts consumed, apparent power, voltage from the socket, amps used and frequency of the electricity (mains power is normally 50Hz).
- No batteries needed.

FLASHLIGHT POWERPLUS DOLPHIN (wind-up torch)



WHAT DOES IT DO?

Lights up dark corners e.g. when reading electricity and gas meters.

HOW TO USE

- Rechargeable by winding.
- 1 minute wind gives more than 30 minutes light.
- 3 minute wind gives 2-8 minutes talk time and 20-30 minutes standby time.
- Press the switch on top of the flashlight to activate the 3 LEDs. 3 LEDs is equivalent to high brightness.
- No batteries needed.

For further instructions on how to use, read manual in the box.