

# Electricity Use and Costs for Schools

Typical cost of energy (for schools) in £	0.11
Consumption of item (watts)	
Number of hours item is on per day	
Number of items in school	
Energy use per day (kWh)	0
Cost	£0.00
Energy use per week (kWh) - school days only	0
Cost	£0.00
Energy use per year (kWh) - school days only	0
Cost	£0.00
Energy use per week (kWh) - 7 days	0
Cost	£0.00
Energy use per year (kWh) - 7 days per week, 39 weeks	0
Cost	£0.00
Energy use per year (kWh) - 7 days per week, 52 weeks (all year)	0
Cost	£0.00
Energy use per year (kWh) - 7 days per week, Start of October to end of May (all winter)	0
Cost	£0.00

**Notes:**

watts/1000= kW

Typical price of energy for households is 17.5p per kWh

Calculations above assume that equipment is only on during school days (195 days per year).

If you know that your equipment is old or particularly inefficient, then select the energy use at the top of the variance scale

	Average use (in watts)	Variation between products (in watts)
Modern desktop PC (without screen)	100	60-300
LED LCD display (22 inch) in use (computer screen)	30	20-40
Desktop computer screen on standby	1.5	0.1-3
Wifi wireless router	6	2-20
Laptop (15 inch) when plugged in	60	-
Large commercial printer/photocopier on standby	40	30-50
Large commercial printer/photocopier when printing	400	300-500
Small desktop printer on standby	4	3-5
Small desktop printer when printing	40	30-50
Phone charger when on standby	0.35	0.1-0.5
Phone charger when charging	4	2-6
Portable convection space heater	1500	-
CRT monitor (old style computer screen)	75	-