

Appliance monitor worksheet

You can use this sheet to record and how much energy electrical equipment uses and calculate running costs.

Appliance	
Record the power used when the appliance is turned on (Watts (W))	
Divide by 1000 to convert the energy used into kilowatts (kW). <i>(There are 1000W in a kW.)</i>	
Electricity costs about 12p per kilowatt hour. This means it costs 12p to run an appliance using 1kW for one hour. Calculate the cost of running this appliance for an hour.	
How many hours per day do you think this item is used?	
How much does this item cost to run for a day?	
A week?	
A year?	

Can you investigate?

fridges/freezers

kettles

microwaves

photocopiers

printers

plug in heaters

ipad/tablet/laptop
charging trolleys

computers

Or investigate any other portable electrical equipment you spot around your school.

