

#EcoSchoolsAtHome

What's a watt?

With most people (young and old) now working from home, more energy will be used.

Investigate your energy bills!

Nursery

Look around your home and count how many devices you can find that use electricity.

Primary

If you have a smart meter, investigate it! Find out how much energy you use each day and when your energy use is at its peak—do you know why you use more energy during these peak hours? If you don't have a smart meter, take a meter reading at the same time each day to work out how much energy you use in 24 hours.

Secondary/College

Either read your smart meter or take meter readings to work out how much energy is used in your house each day. Check online whether your energy use is above or below the average energy use in the UK and/or other countries around the world.

Watt can you save?

Simple changes can help you to save money on your energy bills.

Save electricity!

Nursery

Investigate what electrical devices are switched on in your house, discussing whether they need to be switched on: freezer yes! Lights during the daytime, no!

Primary

Audit energy use in your house, if any devices are left on standby, when not being used, switch them off. Make sure phone (and other chargers) are unplugged or turned off at the wall when not in use. Make sure lights are off during the daytime! See if you can reduce your energy use this week.

Secondary/College

Use the internet to research how you can save energy at home and share this information with your household e.g. wash at 30 degrees (or less)!



Energy



Watt tariff?

Check what your energy tariff is to save the planet (and some money).

Investigate!

Nursery

Discuss where your energy comes from, what is electricity? Why is it important? What would life be like without electricity? How is it made?

Primary

Find out who supplies your energy and what energy sources they use. With your parent or guardian, visit a price comparison website and find out how much your energy would cost if you switched to a green energy supplier.

Secondary/College

With a parent or guardian visit a price comparison website to work out how much your energy bill would be with a green energy supplier, discuss whether you could switch now or at a later date. Research your nearest renewable energy source.

Watt's your carbon footprint?

Your carbon footprint is the amount of Carbon Dioxide released into the atmosphere as a result of your activities. Lowering your carbon footprint will help tackle climate change.

Calculate carbon footprint!

Nursery/Primary

<https://footprint.wwf.org.uk/#/>

Secondary/College

<https://www.footprintcalculator.org/>

Take a break from electricity.

During self-isolation electricity is vital, it helps us: learn, keep in contact with loved ones and pass the time, but it's also important to take some time off!

Take a break!

Nursery, Primary, Secondary/College

Take a one-hour break from electricity everyday: do some exercise, read a book, create something! This task is good for you and the planet!

<https://www.pinterest.co.uk/ecoschoolsengla/energy-topic/>



www.eco-schools.org.uk