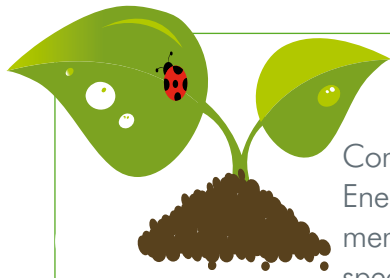


# the green energy uk guide to recording energy use at school and home



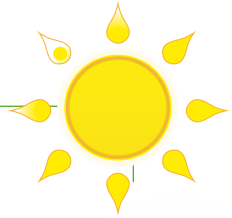
## scenario

Congratulations, Energy-Saving Super Squad member! Your role in this special group is to reduce waste and help the environment.

## your task

By the end of the project, you should have:

- reduced the energy your school uses
- reduced the energy your home uses



you will need:

## tools for the task

- a note pad or computer to record the information
- something to calculate the figures
- you may even need a torch!

## the mission

OK Super Squad, we're ready to go!

### At the beginning of the week...

- With the help of your teacher or another adult in the school, take and record a meter reading for the electricity supply in your school.
- Now do the same for your home. Ask your parents where the meter is.

### Exactly a week later...

- Take both meter readings again, exactly a week later, so on the same day of the week and at the same time. Record these and work out the electricity used at school and at home that week.
- Find out the cost of a unit of electricity in your home and do the same for your school. If you pay by a standing charge, then ignore this figure.
- Work out how much your school and home's current electricity use costs each week. In a few weeks' time, when you come towards the end of this mission, you will be asked to take this recording again. Then you will know how much energy you have saved.
- Keep your recordings safe so that you can compare the figures at the end of the project.



# recording sheet

**Squad member:**

**Class:**  **School:**

<b>Initial readings</b>	<b>school</b>
1st meter reading:	<input type="text"/>
Reading 1 week later:	<input type="text"/>
Difference:	<input type="text"/>
Cost per unit:	<input type="text"/>
Cost of 1 week's energy:	<input type="text"/>
<b>End of mission readings</b>	
1st meter reading:	<input type="text"/>
Reading 1 week later:	<input type="text"/>
Difference:	<input type="text"/>
Cost per unit:	<input type="text"/>
Cost of 1 week's energy:	<input type="text"/>

<b>Initial readings</b>	<b>home</b>
1st meter reading:	<input type="text"/>
Reading 1 week later:	<input type="text"/>
Difference:	<input type="text"/>
Cost per unit:	<input type="text"/>
Cost of 1 week's energy:	<input type="text"/>
<b>End of mission readings</b>	
1st meter reading:	<input type="text"/>
Reading 1 week later:	<input type="text"/>
Difference:	<input type="text"/>
Cost per unit:	<input type="text"/>
Cost of 1 week's energy:	<input type="text"/>

If you've more than one meter at school or home, use two sheets to keep track of your use.

**Energy saved per week at school** **%**

**Energy saved per week at home** **%**