

# The fun worksheet

## Curriculum Link:

Designing and Making aspect of Science Curriculum.

Go to [www.sei.ie/schools](http://www.sei.ie/schools) - Energy in Our Lives and Energy Resources in Ireland for ideas about some of the challenges in this worksheet.

## Energy Challenges

### 1 – Making Something new from something old

- Collect as many interesting reusable bits of rubbish as you can and use them to design something new (corks, coloured bottles or jars, wool, string, fabric, plastic bags, magazines, old beads, food packaging).
- Here are some ideas: a container, something fashionable, jewellery or a mural for the classroom.
- You could have a competition in the class or between classes to come up with the most interesting designs from reused materials.

### 2 – Recycling poster

- Design a poster to encourage recycling. The poster can be three-dimensional and must only use recycled/reused materials.

### 3 – Renewable energy in Ireland project

- Locate as many places as you can where renewable energy is used in Ireland. Include sites where electricity is generated from renewable resources.
- Design and make a renewable energy map of Ireland.

### 4 – Make yours an energy-efficient school

- Make signs for the school promoting good energy use. You could start by making signs for the sinks reminding people to turn off the taps or signs for the light switches reminding people to turn them off when they are leaving the room.

This work could lead the class/school to plan and run a bigger campaign to promote recycling and energy conservation.

