

Energy Superheroes

(EYFS, KS1)



Aim: Explore what appliances use electricity

Understand that when we make electricity it produces pollution

Understand why it is important to switch off appliances when we are not using them

Resources

Energy Superhero Mask Template

String/Elastic

Energy Superhero Scavenger Hunt

How Does Electricity Get To My House? Sequence Cards

Colour in Power Station

Curriculum Links

Science; Identify common appliances that run on electricity

Introduction

Discuss what uses electricity in the classroom. Using the 'Energy Superhero Scavenger Hunt' to see if the children can find any appliances that use electricity in the classroom.

Main

Ask the children why they think it is important to save electricity. Discuss how our electricity comes from a power station. Why not use the 'KS1 How Does Electricity Get To My House? sequence cards' and 'Colour in Power Station' activities to explore this?

Power stations produce pollution which contributes towards climate change. Reinforce that to reduce the amount of pollution produced, it is important to save electricity and not waste it.

The children are going to be energy superheroes. The children can decorate their own 'Energy Superhero Mask Template' - perhaps this could be with pictures of appliances that use electricity?

Once the children have completed and put on their masks they are energy superheroes. Point to electricity using appliances in the classroom and shout zap. This reminds the children what appliances they need to switch off during break, lunchtime and at the end of the school day.

Plenary

Discuss how they children can continue to be energy superheroes in the classroom even when they are not wearing their masks (e.g. turn off lights at lunchtime/breaktime, turn off pupil computers/iPads when not in use, etc.).