

Lesson Plan: Year 1

Science

Objectives:

- To identify and classify objects.
- To understand that some everyday objects need electricity to work.

Resources:

- Pictures to sort. (Resource B)

Teacher Input:

Explain to the children that Ecobot wants to help us to understand that many things use electricity and how important it has become in our everyday lives. Look around the classroom and pick out any things that use electricity. Make a list on the board. Ask the children to think about rooms in their homes and school and make a list of all the appliances they can think of that use electricity. Add to the list. Look at the appliances in Resource A. What do all electrical appliances have in common? Explain that some electrical appliances have batteries and some work by plugging them into the mains electricity. Where does this electricity come from? Have they noticed pylons in the countryside? Explain that electricity is made in different ways and distributed to our homes along cables. Explain that some of the things we use to make electricity are running out so we have to be careful not to waste it.

Independent Activity:

In small groups, children to have copies of the pictures in Resource B. Sort and stick them into 2 groups according to whether they use electricity or not.

Differentiation:

- H.A. Children to sort pictures and write labels for them.
- M.A. Children to sort pictures and write labels for 5 objects.
- L.A. Children to sort pictures into electrical and non electrical.

Plenary:

Look together at the children's work and check that objects have been sorted correctly. Discuss which appliance they would miss most if there was no electricity. Can they think of any ways that they can all save electricity?