

CHAPTER 2: Energy in our Lives

Aim

The aim of this chapter is to enable the children to understand how electrical energy is used in their everyday lives.

Overview of Chapter

In this chapter the children discuss whether or not items that are found in their homes use electrical energy. IWB activities 4 and 5 and PowerPoint 4 and 5 provide illustrations of common items that are found in the kitchen and sitting room and are used to promote discussion about which appliances use and do not use electricity.

Working Scientifically Skills



Through discussing and reflecting on the different scenarios in this chapter the children will be applying and developing the following working scientifically skills:

- Observing
- Predicting
- Analysing (Sorting and classifying)
- Recording and communicating

Lesson 1 – What uses electricity?

Resources

IWB 4 / PowerPoint 4: Energy in the kitchen

IWB 5 / PowerPoint 5: Energy in the sitting room

PCMs 1 and 2: What uses electricity?

Scissors, crayons

Activity type: Discuss and sort

Use **IWB activities 4 and 5** to help the children learn more about which kitchen and sitting room appliances require electricity to work.

If you do not have access to an IWB, use **PowerPoints 4 and 5**.

Make copies of **PCMs 1 and 2**. In pairs, the children can cut out the pictures of the different appliances and sort them into those that use electricity and those that do not.

With your children make a poster for your classroom of appliances that use electricity.

