

CHAPTER 5: Saving Energy



Aim

The aim of this chapter is to raise awareness about the use of energy at home and in school. It challenges children to consider how they use energy at home and at school and encourages them to consider ways in which energy can be saved.

Overview of Chapter

This chapter opens with a discussion on the uses of energy and the teacher reading Guzzler's Big Book on Energy with the children. Children are then asked to design posters about saving energy at home and at school. Alternatively, they could use SEAI's colouring-in resources.

When reading Guzzler's Big Book on Energy the children are also introduced to some of the topics (e.g. saving water) they will encounter in 1st and 2nd Class Programme.

Working Scientifically Skills

While engaging with the different activities in this chapter the children are provided with opportunities to apply and develop the following working scientifically skill:

- Observing

Primary Science Curriculum link

Strand unit: Caring for my locality and area

Lesson 1 – Saving Energy ⓔ

Resources

Guzzler's Big Book on Energy

Activity type: Read and discuss

Hold a whole class discussion on how we use energy in our lives every day. Record children's responses. It can be useful to ask children to recall the uses of energy they have learned about in Chapters 1 – 3 of this programme. For example cooking, travelling and items that use electricity in the home.

Questions to promote discussion

- 1 Before you came to school today did you use energy?
- 2 What did you use this energy for?
- 3 Have you used energy in school today? When?

Read **Guzzler's Big Book** with your class. As you read the Big Book point out the different activities where Guzzler and his friend Aoife use energy.

The children can make a whole class poster on uses and ways to save energy in the classroom. Use the class poster to encourage energy saving behaviours in your school as part of the **Energy in Education** Programme. Go to the website for videos and factsheets on saving energy in schools