

Lesson Plan

Lesson 2: What happens to my recycling?

Year Group: 1- 2

National Curriculum links:

Geography

- 1) Understanding key human features such as waste disposal and energy use.
- 2) Learning about how people manage waste in their local area.

Science

- 1) Identify and name a variety of everyday materials.
- 2) Comparing and grouping materials based on their properties and uses.

Summary:

In this lesson, pupils learn about what goes into recycling bags and what happens to that recycling after it is collected. They learn about how materials are sorted, and the process of recycling plastic, glass, metal and paper. The lesson also helps children understand that different types of waste go to different places, and that recycling can be used to create something useful.

Prior knowledge required:

- What rubbish is – things we throw away because we don't need them.
- Different bins – knowing that recycling, food waste, and rubbish go in different bins.
- What materials are – like plastic, paper, and food, and which ones can be reused or recycled.

Learning objective: To understand and explain how some materials are recycled

- I can explain why recycling is important.
- I can sort objects by the type of material.
- I can explain how plastic, paper and metal are recycled.

Prepare before the lesson:

Mini whiteboards and whiteboard pens.

Resources for optional extension activities (see PPT).

Lesson outline**Slide 4: Vocabulary**

Explicitly teach children the vocabulary words using the definitions in the PPT notes.

Slide 5: Vocabulary task

Give 2 minutes for children to match the pictures to the numbers. See PPT notes for answers.

Slide 7-10: What goes in the recycling bin?

Follow the slides to teach children what items we put into recycling bins. Teach children why these items go in the recycling bins

Slide 11: Recycling or rubbish bin assessment

Partner task to recap the learning from the last lesson.

Slide 12- 17: The journey of recycling

Explicitly teach children the stages of what happens when materials get recycled. Use the partner tasks to consolidate learning and build oracy.

Slide 18: Video

This video outlines the how recyclable materials get sorted, and then recycled.

Slide 19-20: Recycling contamination

Teach children why it is important to know what materials go in the recycling bin.

Slide 22: The waste hierarchy

Introduce the waste hierarchy so children can understand what methods of waste disposal are best and the worst for our environment.

Slide 23-24: Ned's recycling tips

Teach children 3 tips for reducing black bin bag waste.

Slide 21-23: Optional extension activities