

Lesson Plan

Lesson 1: What happens to my rubbish?

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, including fabric.
- 2) Comparing and grouping materials based on their properties and uses.

Summary:

In this lesson, pupils learn about what goes into black bin bags and what happens to that rubbish after it is collected. They are introduced to the concept of energy from waste, where rubbish is taken to London Energy and burned safely to make electricity. The lesson also helps children understand that different types of waste go to different places, and that even rubbish 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 what happens to our rubbish in North London

- I can list what items go in the black rubbish bags
- I know where our black rubbish bags go
- I can say what happens to our rubbish bags

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 black bin bags (rubbish)?

Follow the slides to teach children what items we put into black bin bags. Teach children why these items go in the black bin bags.

Slide 11-14: The journey of rubbish

Explicitly teach children the stages of what happens to our black bin bag waste. Use the partner tasks to consolidate learning and build oracy.

Slide 15: Optional video

This video outlines the process of what happens to black bin bag waste in North London. The video is made for slightly older children so we recommend stopping at moments to explain simply.

Slide 17: 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 18-19: Ned's rubbish tips

Teach children 3 tips for reducing black bin bag waste.

Slide 21-23: Optional extension activities