

Lesson Plan

Lesson 3: What happens to my food waste?

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 what happens to food waste after it is collected. They discover that food waste goes to an anaerobic digester. Inside, the food is broken down to create biogas, which can be used to make electricity and heat, and also produces fertiliser that helps farmers grow more food. Pupils explore how recycling food waste helps the planet by turning waste into 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 food waste

- Understand what food waste is and why it happens.
- Explore where food waste goes after we throw it away.

Learn how food waste can be turned into energy or compost.

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 7-8: What goes in the food waste bin?

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

Slide 9-12: The journey of food waste recycling

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

Slide 13-14: Assessment for learning

Children recap from prior lessons where rubbish, recycling and food waste bins go.

Slide 16-17: Ned's food waste tips

Teach children 3 tips for reducing food waste.

Slide 18-20: Optional extension activities