

Lesson Plan

Lesson 2: How does plastic affect our environment?

Year Group: 1- 2

National Curriculum links:

Science – Living Things and Their Habitats

Identify how environments can change and that this can pose dangers to living things.

Geography – Human and physical geography

Use basic geographical vocabulary to refer to key human features, including waste and recycling.

Summary:

In this lesson, students will explore how improper disposal of plastic harms the environment. They will learn about its impact on wildlife, ocean health, landfills, and the depletion of natural resources. The lesson will also introduce practical actions students can take immediately to help reduce these global issues.

Prior knowledge required:

- Know what plastic is and that it's a type of material.
- Be aware that some rubbish can be recycled.
- Know what animals and habitats are
- Recognise that littering is bad for nature.
- Be familiar with words like pollution, recycling, and environment.

Learning objective: To understand the impact of plastic waste on animals and their habitats.

Success criteria:

- I can give examples of how plastic waste affects animals and habitats.
- I can suggest ways to reduce plastic waste in everyday life.

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

Children to match the pictures to the numbers. See PPT notes for answers.

Slides 7–8: How does plastic affect our environment

Teach two ways plastic harms the environment when not disposed of properly.

Slide 9: Oracy Practice

In pairs, children recap the two ways using the sentence stem. Cold call one to share.

Slides 10–11: More impacts of plastic

Teach two more ways plastic affects the environment.

Slide 12: Oracy Practice

In pairs, children recap all four ways using the sentence stem. Cold call a few to share.

Slide 13: Assessment for learning (AFL)

Give children 3 minutes to match the pictures to the statement. Feedback after. See PPT notes for answers.

Slide 14: What can we do to help our environment?

Teach children 4 things they can do to help our environment.

Slide 15: Oracy practice /AFL

Using the sentence stem, children tell their partner 4 ways to help our environment. Feedback to the class after to recap learning.

Slide 16: Discussion points (see PPT notes)**Slide 15-17: Optional extension activities**