

# Lesson Plan

## *Lesson 1: Where does plastic come from?*

Year Group: 1- 2

### National Curriculum links:

#### Science – Everyday Materials

- 1) Identify and name a variety of everyday materials, including wood, metal, plastic, glass, water, and rock.
- 2) Describe the simple physical properties of a variety of everyday materials.

### Summary:

In this lesson, students will learn how plastic is made from oil, a natural resource that can run out. They will explore the steps involved in turning oil into plastic and think about what might happen if we use up all the oil. This will help them understand where plastic comes from and why it's important to use it carefully.

### Prior knowledge required:

- What a material is
- What plastic is and what it's used for
- Man made vs natural resources

**Learning objective:** To understand how plastic is made.

### Success criteria:

- I can say where plastic comes from.
- I can talk about the steps to make plastic.
- I can put the steps to make plastic in the right order

**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 7-9: Steps for plastic production**

Follow the slides to teach children the first three steps to plastic production

**Slide 10: Assessment for learning (AFL)**

Children to recap the first three steps to their partner. Then cold call a child to check for understanding.

**Slide 11-12: Steps for plastic production**

Follow the slides to teach children the final two steps to plastic production

**Slide 13: Assessment for learning (AFL)**

Children to order the steps for plastic production on their whiteboards. You can choose to extend this slide by getting them to write this up in an exercise book.

**Slide 14: Discussion points (see PPT notes)****Slide 15-17: Optional extension activities**