

Lesson Plan

Lesson 2: What journey do clothes go on?

Year Group: 3-6

National Curriculum links:

Geography

- 1) Understand trade and transport: how goods (like clothes) move from where they are made to where they are sold.
- 2) Describe and understand key aspects of human geography, including the distribution of natural resources and the global supply chain

Science

- 1) Identify and compare the suitability of a variety of everyday materials for particular uses (e.g. cotton vs polyester).
- 2) Compare and group materials according to whether they are natural or synthetic.
- 3) Understand how materials change through processes like dyeing, heating, or manufacturing

Summary: In this lesson, pupils will learn how cotton and polyester are made and how they travel from their source to the shop. They will explore each step in the journey, including farming, factories, transport, and selling. Pupils will also think about how these materials affect the environment.

Prior knowledge required:

- Clothes are made from different materials like cotton or plastic.
- Some materials come from nature (like plants or animals).
- Some materials are made by people in factories.
- Things can be moved from one place to another using transport like trucks or ships.
- Shops sell things that are made somewhere else.

Learning objective: To understand how cotton and polyester are made and how they travel from source to shop.

Success criteria:

- I can explain where cotton and polyester come from.
- I can describe the steps in making clothes from these materials.
- I can use words like natural, synthetic, factory, transportation, and dye correctly.
- I can compare the journey of cotton and polyester.
- I can talk about how these materials affect the environment.

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 5-6: Vocabulary task

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

Slide 8-15: The journey of a cotton T-shirt

Children learn the journey of a cotton T-shirt from source to shop. They learn how this impacts the environment.

Slide 17-25: The journey of a polyester T-shirt

Children learn the journey of a polyester T-shirt from source to shop. They learn how synthetic materials such as polyester start as crude oil and how the production of synthetic materials impact the environment.

Slide 27-28: 5 tips to look after the clothes we buy**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 29: Discussion points (see PPT notes)**Slide 30-32: Optional extension activities**