

Lesson Plan

Lesson 1: What are natural materials and where do they come from?

Year Group: 1- 2

National Curriculum links:

Design

1) Select from and use a wide range of materials and components, including textiles.

Science

1) Identify and name a variety of everyday materials, including fabric.

2) Distinguish between natural and man-made materials.

Summary:

In this lesson, children will explore where clothes come from and learn that different materials are used to make them. They will discover that some materials come from nature, like cotton from plants and wool from animals, while others are made in factories. Through hands-on activities and discussion, children will begin to understand the journey of clothing from raw material to something they wear.

Prior knowledge required:

- What a material is
- Awareness that things can come from nature (plants, animals)
- Some experience with sorting or categorising objects

Learning objective: To understand that natural materials come from nature and are made through simple processes

- I can name at least two materials used to make clothes.
- I can say where some materials come from.
- I can state some positives and negatives to using different materials

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 7-12: Where does silk, cotton and wool come from?

Follow the slides to teach children where silk, cotton and wool comes from.

Slide 13: Assessment for learning (AFL)

Check for understanding. Children to state the origins of silk, wool and cotton.

Slide 14-19: The positives and negatives of natural materials

Follow the slides to teach children positives and negatives of silk, wool and cotton.

Slide 21-22: Tips to take care of natural materials

Teach children tips for looking after the clothes they buy to be more sustainable.

Slide 23: Discussion points (see PPT notes)**Slide 15-17: Optional extension activities**