

## Lesson Plan

### *Lesson 3: How does one cotton T-shirt affect the Earth?*

**Year Group: 1- 2**

#### **National Curriculum links:**

##### **Geography**

1) Use basic geographical vocabulary to refer to key physical features (e.g. soil, vegetation) and human features (e.g. factory, shop)

##### **Science**

1) Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock.

- 2) Describe the simple physical properties of a variety of everyday materials.

#### **Summary:**

In this lesson, children will explore how a cotton T-shirt is made, from growing the cotton to wearing it, and learn how making clothes can affect the Earth.

They will discover that making one T-shirt uses lots of water, energy, and work from people, and that it can cause pollution. Children will think about how they can help the planet by looking after their clothes and making good choices.

#### **Prior knowledge required:**

- The difference between natural and man-made materials.
- What cotton is and where it comes from.
- Basic understanding of clothing production (e.g., clothes are made in factories).
- Awareness that resources like water and energy are used to make things.

**Learning objective:** To understand how making one T-shirt affects our Earth.

#### **Success criteria:**

- Say what things are needed to make a T-shirt
- Talk about how making a T-shirt can hurt the Earth
- Know how to make more sustainable choices around clothes

**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.

**Slides 5-6: Vocabulary task**

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

**Slide 7: Recap- natural vs man-made materials**

Assess learning to check children can identify man made and natural materials.

**Slides 10-13: The journey of a cotton T-shirt - Growing cotton.****Slides 14-15: The journey of a cotton T-shirt - Making a T-shirt****Slides 16-18: The journey of a cotton T-shirt - Transportation****Slide 19: Assessment for learning (AFL)**

Children tell their partners the journey of a cotton T-shirt from source to shop.

**Slides 20-21: Environmental impacts to making one T-shirt**

Explicitly teach the 5 impacts of making a T-shirt and then check for understanding.

**Slide 22: Tips to looking after a cotton T-shirt**

Inform children of how they can look after their clothes to be friendlier to our environment.

**Slide 23: Discussion - See PPT notes****Slides 24-26: Optional extension activities**