



Plastic



Year 2

Knowing More, Remembering More

Remembering previous learning

What are natural materials? These are things that have not been made and can be found naturally, such as sand, wood and wool.

What are human-made materials? These are not natural and have been made, such as plastic and cardboard.

What are recyclable materials? These are materials that can be used again, such as wood, paper and cardboard.

What is plastic like? It can be flexible or hard. It can be recycled.

In this unit children will...

- understand that the over-use of single-use plastic has had negative impacts on humans and other animals across the globe.
- have a simple understanding of the positive and negative impacts of plastic
- understand that some plastics are recyclable
- be able to suggest simple ways they can reduce their plastic waste in school and at home.

Working Scientifically:

- 2.1 Ask simple questions
- 2.12 Answer simple questions

Key Learning Steps:

1. How is plastic helpful and harmful?
2. How can we reduce our plastic waste in school?

Key Vocabulary:

- plastic
- man-made material
- recycle
- single-use plastic

Key Scientists and Sustainability Champions:



Classic
Leo Baekeland
1863-1944
Invented Bakelite, the first plastic.



Contemporary
Gloria Majanja
An environmental activist who is working hard to stop the use of single-use plastics in Malawi.



Pope Francis
In his encyclical, *Laudato Si*, Pope Francis encourages us all to be better stewards of creation and take better care of our world.

Knowing More, Remembering More

Knowing more in Y2

How is plastic helpful? Plastic is used to make many things because it is strong, lightweight, and can be made into many different shapes. Plastic can last a long time.

How is plastic harmful? If people litter, this ends up being washed down drains and into rivers which then flow out into the ocean. This is dangerous for ocean animals as they get injured by plastic waste or accidentally swallow it.

What is single-use plastic? They can only be used once before they are thrown away or recycled, such as plastic bags and straws.

Can all plastics be recycled? Nearly all types of plastics can be recycled but it is not always that easy.

How do you know whether an object is recyclable or not?

Objects will have these labels.

