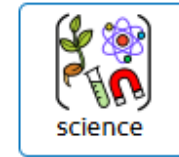

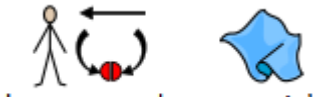




# Science – Year 2 – Plastic




- |  |  |
|--|--|
| 1. To identify how plastic is helpful and harmful. | 2. To identify ways that we can reduce plastic waste in our schools. |
|--|--|


plastic		 plastic
human-made material	A material made by people	 human-made material
recycle	To change rubbish into a material that can be used again	 recycle
single-use plastic	Plastic that is used once and thrown away	 single-use plastic


### What's Good about Plastic?


**Plastic** is a type of material that is **human-made**. **Plastic** is useful to us because it can have different properties and can be made into lots of different shapes.

**Plastic** can be:



  
soft and flexible

  
strong and rigid

  
transparent

  
opaque


**Plastic** is even used to make some types of fabric for clothing.

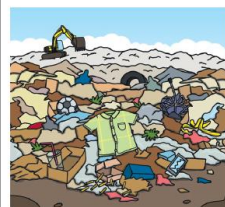



### What's Bad about Plastic?

**Single-use plastics** are thrown away after use but they last in the environment for a very long time.



It can take up to 100 years for **plastic** to break down.

  
**Plastic** can end up in places where it can cause danger to animals and their habitats.

  
**Plastic** often ends up in landfills. Landfills are places where rubbish is buried in the ground. They are not very safe and are not nice to look at. They are also getting full.


### Reduce

People are reducing **plastic** waste. In England, **single-use plastic** straws are not allowed to be sold. Straws are now often made of paper.

Many people now use a **reusable** water bottle rather than a **single-use plastic** water bottle.

Engineers have invented sea bins, which float in the sea and remove **plastic** from the water.



### Reuse

We can **reuse plastic** rather than putting it in the bin.

We can make arts and crafts.



We can help wildlife.



We can help plants to grow.



### Recycle

Some **plastics** can be **recycled**. They are sent away to a place that can turn them into new materials.



Not all **plastics** can be **recycled**. We can tell if a **plastic** can be **recycled** by the symbols on the label.