



# Science

## Uses of Everyday Materials

# Recycling





# Aim

- I can explain the process of recycling.

## Success Criteria

- I can identify materials that can be recycled.
- I can tell you how you can recycle materials.
- I can tell you how materials are sorted and changed into new products.
- I can give reasons why it's important to recycle.



# What is Recycling?



What does recycling mean?

How can you recycle?

Do you recycle at home? How?

Do you recycle at school? How?

What do you think happens to the materials we recycle?

Is it important to recycle? Why or why not?







# What Can Be Recycled?



Paper and Cardboard - such as newspaper and cardboard boxes

Plastic – such as yoghurt pots and milk bottles

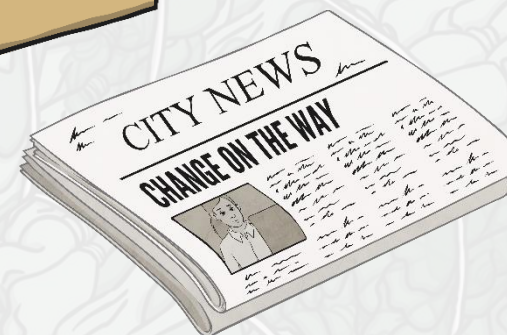
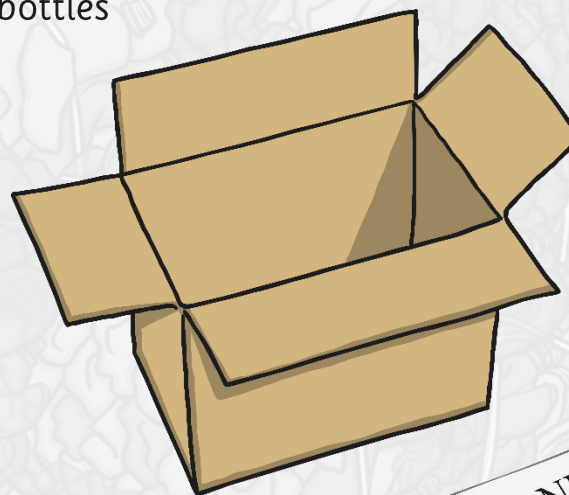
Metal – such as cans

Glass – such as bottles and jars

Clothes – such as jumpers and trousers

Garden Waste - such as grass cuttings

Food – such as apple cores and leftovers





# How to Recycle



Different areas of the country recycle using slightly different systems but the goal is the same - to recycle as much as possible.

How do you recycle at home?

How do you recycle at school?



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# Sort It Out!

As a group, sort the items into the appropriate place.



Glass



Reusable  
Items



Clothes



WASTE SERVICES



Compost



Paper / Card



Plastic

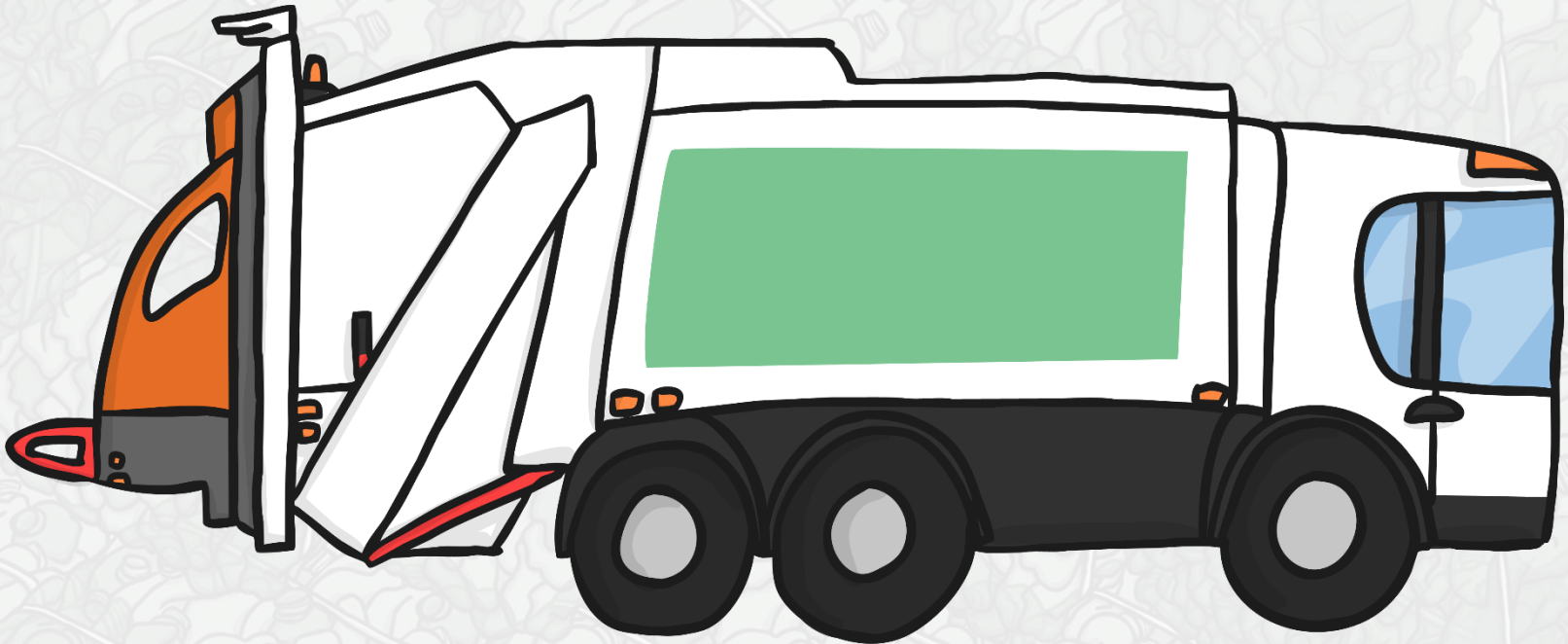


Cans



# The Recycling Process

Your household recycling is collected and taken to a recycling depot.





# The Recycling Process

The materials will be sorted by people, machines or a mix of both. In each case, the rubbish goes through the facility on a long conveyor belt.





# The Recycling Process

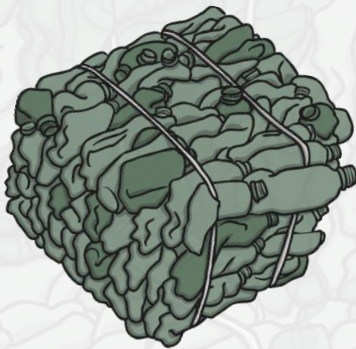
At the depot the recyclable materials are sorted into various categories:



paper and cardboard



metal



plastic



glass



# The Recycling Process



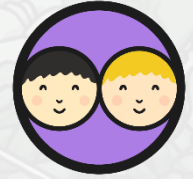
[Watch this video to see the sorting of materials in action.](#)



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# Sequencing



After the materials have been sorted, they are sent to a reprocessing factory to be recycled and made into new products.

**★ ★ ★ Recycling Sequencing**

Explain the process of recycling using the table. Cut and stick pictures on to show the process.

1.	2.
3.	4.
5.	6.
7.	8.
9.	10.

twinkl planit Science Year 2 (Uses of Everyday Materials: Recycling) Lesson 5

**★ ★ ★ Recycling Sequencing**

Explain the process of recycling using the table. Cut and stick pictures on to show the process.

1.	2.	3.	4.
5.	6.	7.	8.
9.	10.	11.	12.

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**★ Recycling Sequencing**

Explain the process of recycling using the table. Cut and stick pictures on to show the process.

1.	2.
3.	4.
5.	6.

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# Why Is Recycling Important?



Recycling helps us to use less raw materials, reduces landfill and also reduces the amount of damaging greenhouse gases release.



Look at the arrows in the recycling symbol. What do the arrows represent?

Why is it important to recycle?



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