

WHAT HAPPENS TO NOTTINGHAM'S RECYCLING?



Nottingham
City Council



 Nottingham recycles


Carbon Neutral Nottingham 2028



Nottingham
City Council

LEARNING OBJECTIVE

To know that Nottingham's recycling is sorted and turned into new products.

1. I can say what the grey-lidded bin is for.
2. I can name things that go in it.
3. I can describe what happens to recycling after the bin is emptied.



KEY VOCABULARY

recycle



Turning waste into new things.

grey-lidded bin



Nottingham City's recycling bin.

material



What something is made from (like plastic, metal, glass or paper.)

recycling centre



Where recycling gets sorted.



CORRECT THE MISTAKES



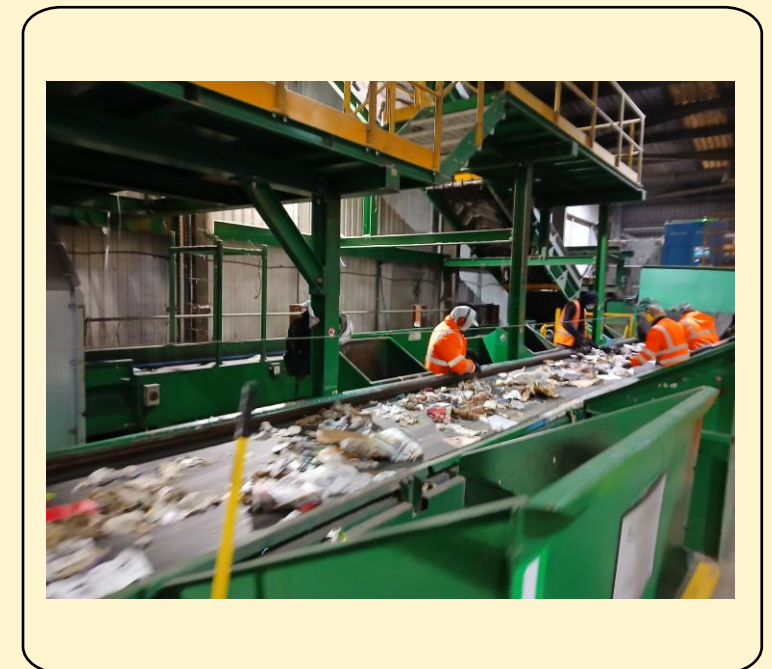
**grey-lidded
bin**



recycle



**recycling
centre**



material



CORRECT THE MISTAKES



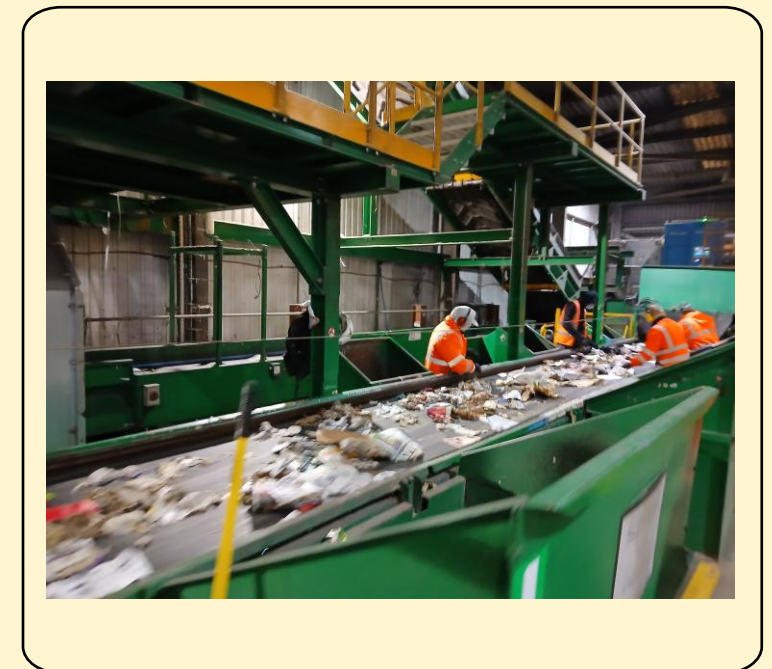
**grey-lidded
bin**



recycle



**recycling
centre**



material



ANSWERS



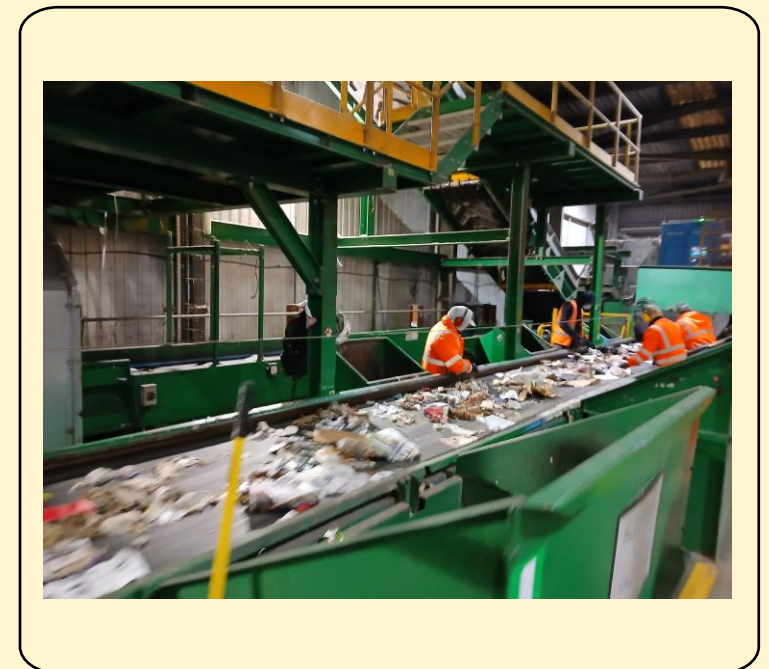
material



recycle



grey-lidded
bin



recycling
centre



Talk to your partner.

**WHAT DO WE
USE THE GREY-
LIDDED BIN FOR?**



The grey-lidded bin is where we put all our waste that can be recycled, including:





ODD ONE OUT

Which item does not go in the grey-lidded bin?



cardboard



plastic bottle



used tissue

The _____ does not go in the grey-lidded bin.



ODD ONE OUT

Which item does not go in the grey-lidded bin?



cardboard



plastic bottle



used tissue

The _____ does not go in the grey-lidded bin.



ODD ONE OUT

Which item does not go in the grey-lidded bin?



dirty takeaway
container



empty yoghurt pot
and lid



clean takeaway
container

The _____ does not go in the grey-lidded bin.



WHERE DOES RECYCLABLE WASTE GO?



First, the bin lorry empties the grey-lidded bin and takes the recycling away.



WHERE DOES RECYCLABLE WASTE GO?



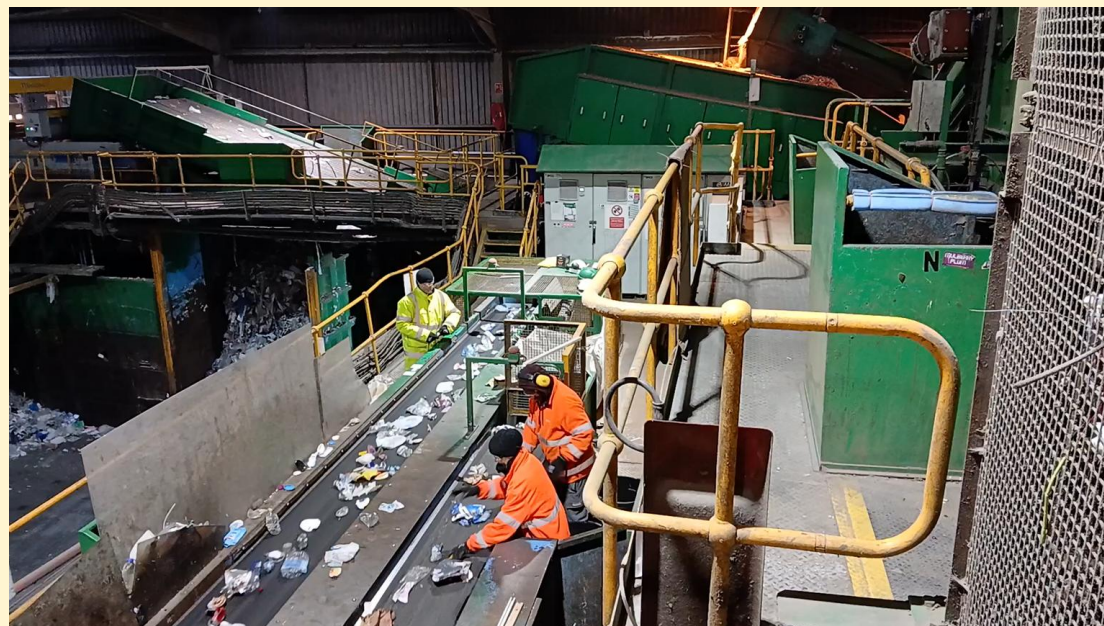
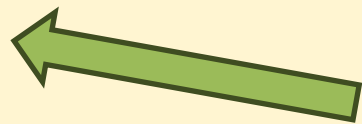
Next, the recycling goes to the recycling centre – a big sorting centre.



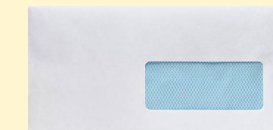
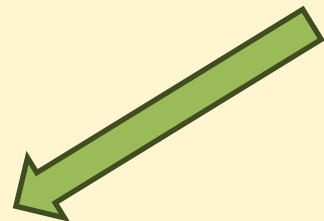
WHERE DOES RECYCLABLE WASTE GO?



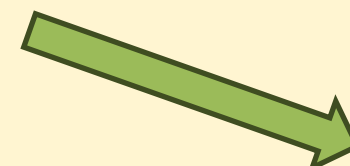
Metal



Plastic



Paper and card



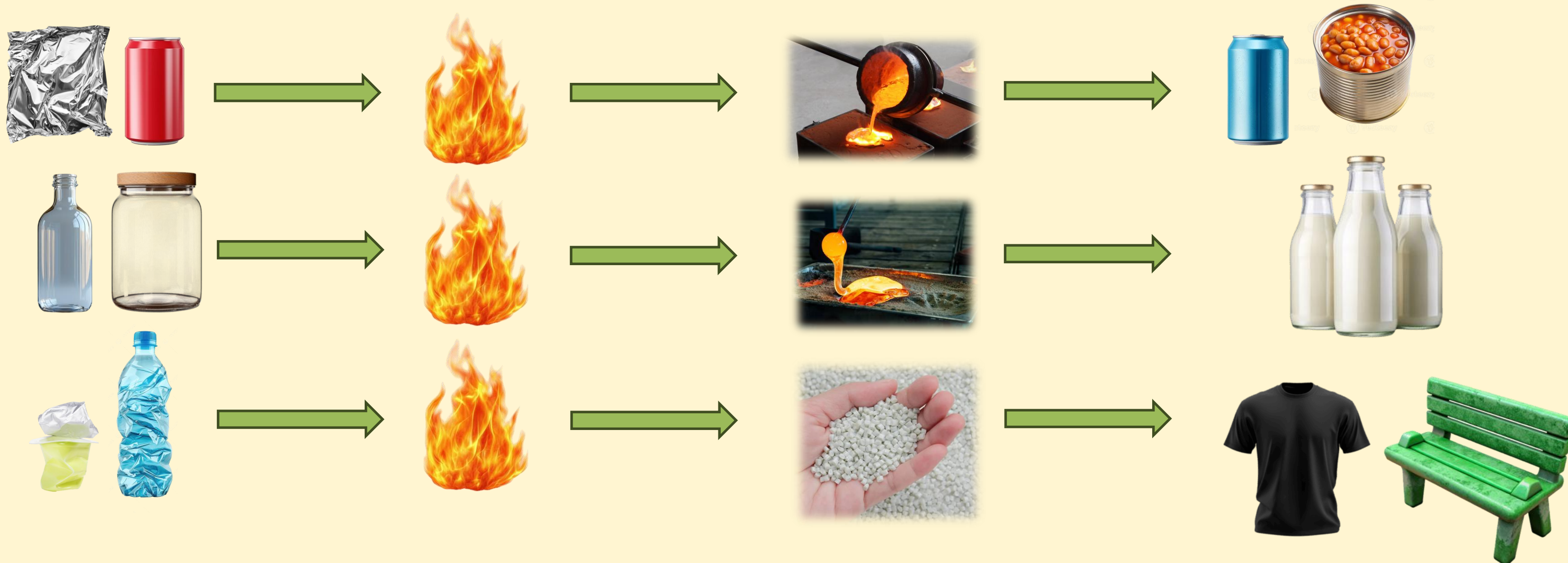
Glass



Then, people and machines sort the recycling into different materials.



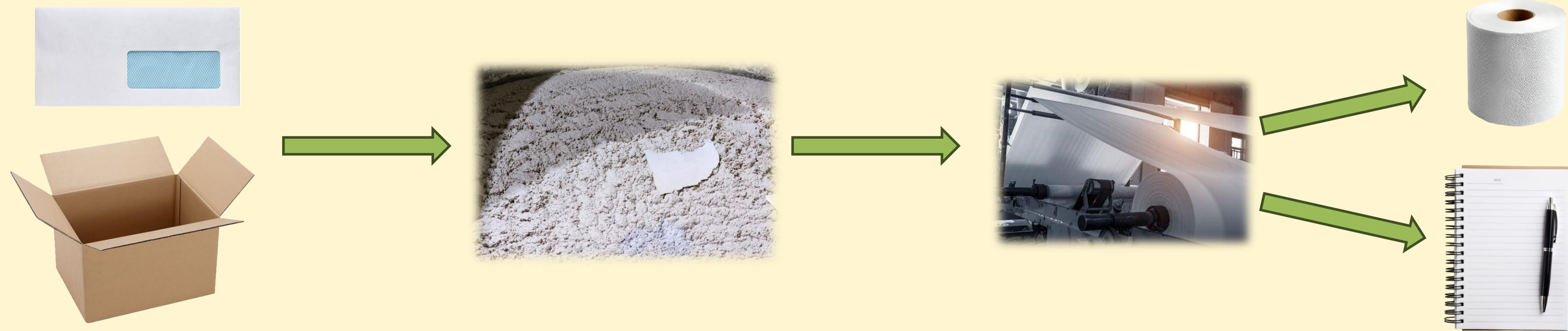
WHERE DOES RECYCLABLE WASTE GO?



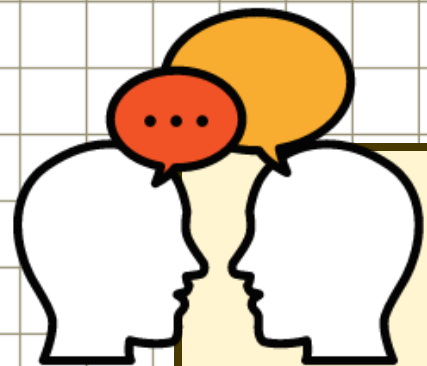
Metal, plastic and glass are melted and recycled into new things.



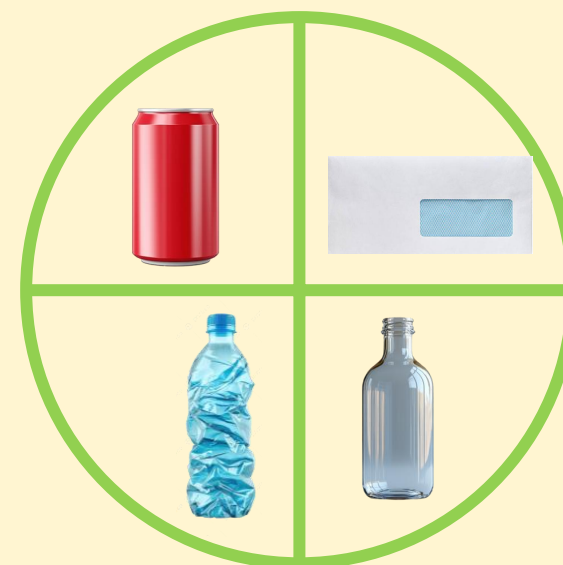
WHERE DOES RECYCLABLE WASTE GO?



Paper and card is squished with water to make pulp, then dried into new paper.



EXPLAIN HOW NOTTINGHAM RECYCLES MATERIALS



Use these words in your explanation – how many points can you score?

1 point	2 points	3 points
grey-lidded bin lorry sort material	paper glass plastic metal	recycling centre products recycle



 **TRUE OR FALSE?** 

**Dirty takeaway
containers go in the
grey-lidded bin.**





👍 **TRUE OR FALSE?** 👎

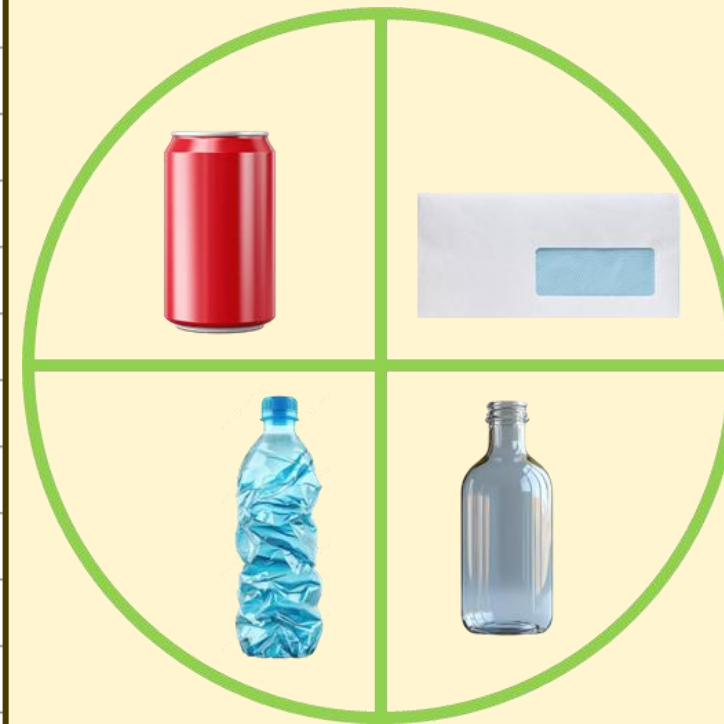
**Dirty takeaway
containers go in the
grey-lidded bin.**





👍 TRUE OR FALSE? 👎

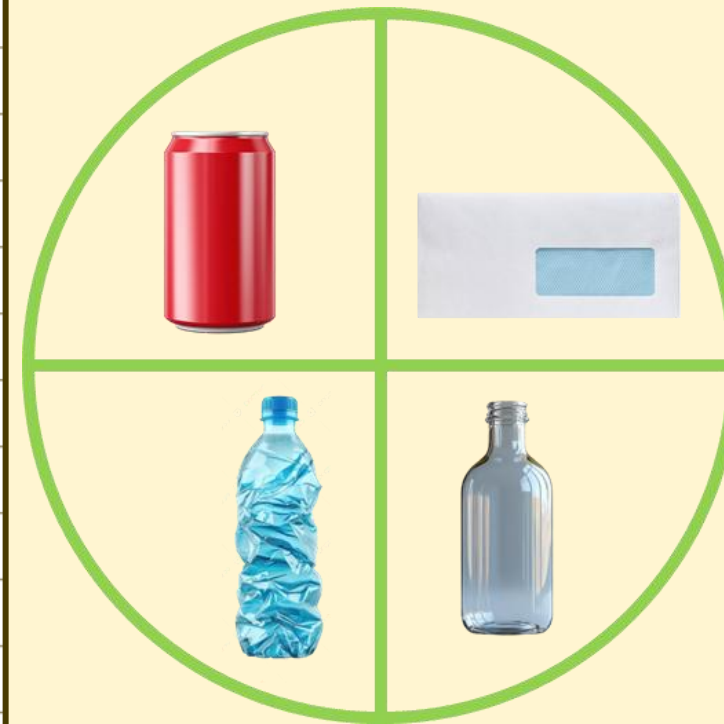
The recycling centre
sorts plastic, metal,
paper and glass into
separate groups.





👍 **TRUE OR FALSE?** 👎

The recycling centre
sorts plastic, metal,
paper and glass into
separate groups.





👍 TRUE OR FALSE? 👎

Paper is mixed with water to make pulp.

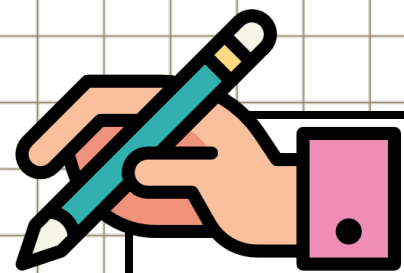




👍 **TRUE OR FALSE?** 👎

**Paper is mixed with
water to make pulp.**





RECYCLABLE MATERIALS

1.



2.



3.



4.



5.



6.



ACTIVITY – CHOCOLATE BAR

Write down one item or material that can go in the grey-lidded bin on bin no.1.

Swap your ideas with your classmates – who can fill all six bins first?



ACTIVITY – SEQUENCING

In groups, use the cards to order the recycling process of one of the materials. Then, explain it to a partner.

1

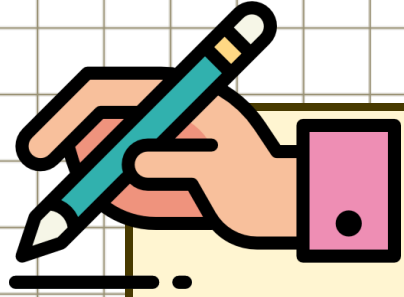
2

3

4

5

6



ACTIVITY – STORYBOARDING

Use the storyboard to draw each stage of the journey of recyclable materials. Write a caption to describe what happens.

1

2

3

4

recycle

clean

truck

grey-lidded bin

glass

metal

plastic

paper

material

recycling centre

sorted

pulp

melted



ACTIVITY – INVESTIGATE

Check the recycling bins in your school to see if the right materials are in there.



- ☐ paper and card
- ☐ plastic bottles
- ☐ cardboard
- ☐ clean foil
- ☐ crisp packets and sweet wrappers



- ☐ used tissues
- ☐ dirty items
- ☐ pencil shavings
- ☐ drink and yoghurt pouches

