TALK ABOUT TEXTS

Recycle and Reduce Waste



Written by Cara Torrance

TEACHER'S EDITION

Recycle and Reduce Waste



For Review Only

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Teacher's Edition written by Karl Chippindall

macmillan education

Say

'Let's read the contents page together and then read it again to yourself.'

Read

Read the contents page with the students, then allow time for them to read it again to themselves.

Check Understanding

- What is the purpose of a contents page?
- What page would you find information on recycling plastic?

Talk

What facts do you think the author wants us to learn?

I think the **facts** the author wants us to learn are _____.



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Stop the Waste – Recycle!

Every day, we use and throw away glass, plastic, paper and food waste. Each person may create as much as 1500 kilograms of **waste** every year. All this waste has a big impact on the environment.



Why Reduce Waste?

We can all reduce our waste by recycling. We can reduce the impact waste is having on our environment. We can reduce the amount of waste going into **landfills**, where it produces harmful **greenhouse gases**. Greenhouse gases cause global warming. Global warming causes Earth to get warmer. Polar ice melts and sea levels rise.

We can also take fewer raw materials from the environment to make new plastic, glass and paper items.

Everyone can help. By choosing to recycle at home and at school, you can make a big difference.

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Say

'Let's read page 3 together.'

Read

Read page 3 together with the students.

Check Understanding

- How many kilograms of waste does each person produce every year?
- How much waste does an average family produce each year?
- What does the word 'impact' mean?
- What is the opposite of 'reduce'?
- What are 'landfills'?

Talk

What actions do we need to take to reduce global warming?

The **actions** we need to take are _____.

How can taking fewer raw materials have an impact on the environment?

Taking fewer raw materials **results in** _____.

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Say

'Read pages 4 and 5 to your partner.'

Read

Ask students to read pages 4–5 to their partner.

Check Understanding

- What question does the author ask us about recycling glass?
- Why is recycling glass better for the environment?
- How does recycling glass reduce carbon emissions going into the atmosphere?
- What does 'quality' mean?
- What is a 'furnace'?
- What is the 'atmosphere'?



Recycling Glass

Every day, we use lots of glass packaging. We use jars, bottles and other containers. Many of these glass items make their way into landfills. However, did you know that all glass packaging can be recycled? It can all be made into new glass items of the same quality. This means it can be recycled again and again.

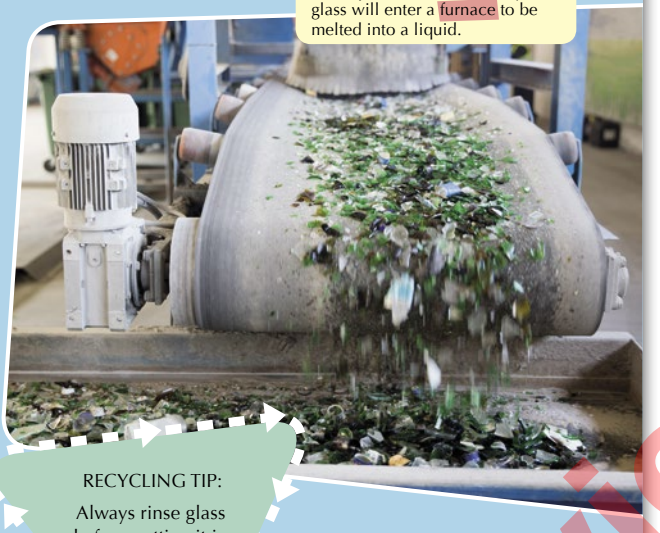
Recycling glass is better for the environment than making new glass. Recycled glass uses fewer resources and less energy to make than new glass. New glass is made from sand and other minerals, such as limestone and soda ash. When glass is recycled, the sand and minerals in it are re-used. Less energy is used because new sand and minerals do not need to be mined from the ground and transported to a glass factory.

Glass packaging can be re-used and recycled over and over again.

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Furnaces also burn less energy to make recycled glass than they do to make new glass. This is because they do not need to be so hot. As a result, they produce fewer **carbon emissions**. Recycling 1000 kilograms of glass stops 315 kilograms of carbon emissions from going into the **atmosphere**. However, recycling does still use energy. Re-use glass packaging whenever you can.



These pieces of crushed recycled glass will enter a furnace to be melted into a liquid.

RECYCLING TIP:

Always rinse glass before putting it in the recycling bin.

Talk

What are the benefits of recycling glass?

The benefits of recycling glass are _____.

Why do you think this?

I think this **because** _____.

Which glass products could you reuse?

I could reuse _____ **because** _____.

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