From Plastic Bottles to Clothes

Carmel Reilly



PM

For teachers' inspection ONLY

From Plastic Bottles to Clothes

Level 22

Running Words 585 **Text Type** Explanation (Informative)

Curriculum Areas Science; Sustainability

Retelling to encourage critical thinking about the content

Ask each student to retell the explanation in his or her own words.

Record the retelling for further discussion and reflection.

Think and Talk About ...

Fact boxes in the book encourage each student to explore the statements further and to share the information with others.

Questions to reinforce meaning and stimulate discussion

Literal

1 What kinds of things can be made from plastic bottles?
2 What is polyester?
3 What happens to the fabric after it has been dyed?

Inferential

4 Why are clear PET bottles used to make clothes?
5 Why is a machine used to break the PET bottles into small pieces?
6 Why does some plastic float to the top of the pool when it is being washed?
7 Why are the plastic balls melted before they are pushed through the holes in the machine?
8 Why is the thread wound onto reels?

Applied Knowledge

9 Why do people buy drinks in plastic bottles?
10 Why is rubbish bad for the environment?

Links with other PM Guided Reading Books and Cards

Level 22	Card	Recount	*Costumes for the School Play*
Level 21	Book	Explanation	*Why Animals Migrate*
Level 21	Card	Explanation	*How Paint Is Mixed*

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Plastic Bottles

Every day, thousands of people all over the world buy drinks in plastic bottles.
Most of these bottles are only used once, and are then thrown away.
This makes a lot of rubbish, and is very bad for the environment.



Think and Talk About ...

Most plastic does not break down. It stays in the environment for hundreds of years.



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Recycling: Turning Old into New

Each year, more and more plastic is recycled.
Now, old plastic bottles do not have to become rubbish.
They can be made into something new.

Some things that can be made from plastic bottles are:

- tables
- chairs
- pens
- toothbrushes
- children's toys
- other bottles.

Some **types** of plastic bottle can even be made into new clothes.



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Recycling at Home

A lot of recycling begins at home.
People put their plastic bottles into the recycling bin.
Every week, a truck comes to collect everything in the bin.

The truck takes all the items to be recycled to a place where they can be sorted.
After sorting, the plastic items are sent to a **factory** to be recycled.





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