

Materials

Plastic



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Cassie Mayer

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What is plastic?



Plastic is a material.
It is made from oil.



It is made by people.



Plastic can be strong.



Plastic can be light.



Plastic can be stiff.



Plastic can bend.

What happens when plastic is heated?



Plastic can be heated.



Plastic becomes a liquid when it is heated.



When plastic is heated, it can be made into a new shape.

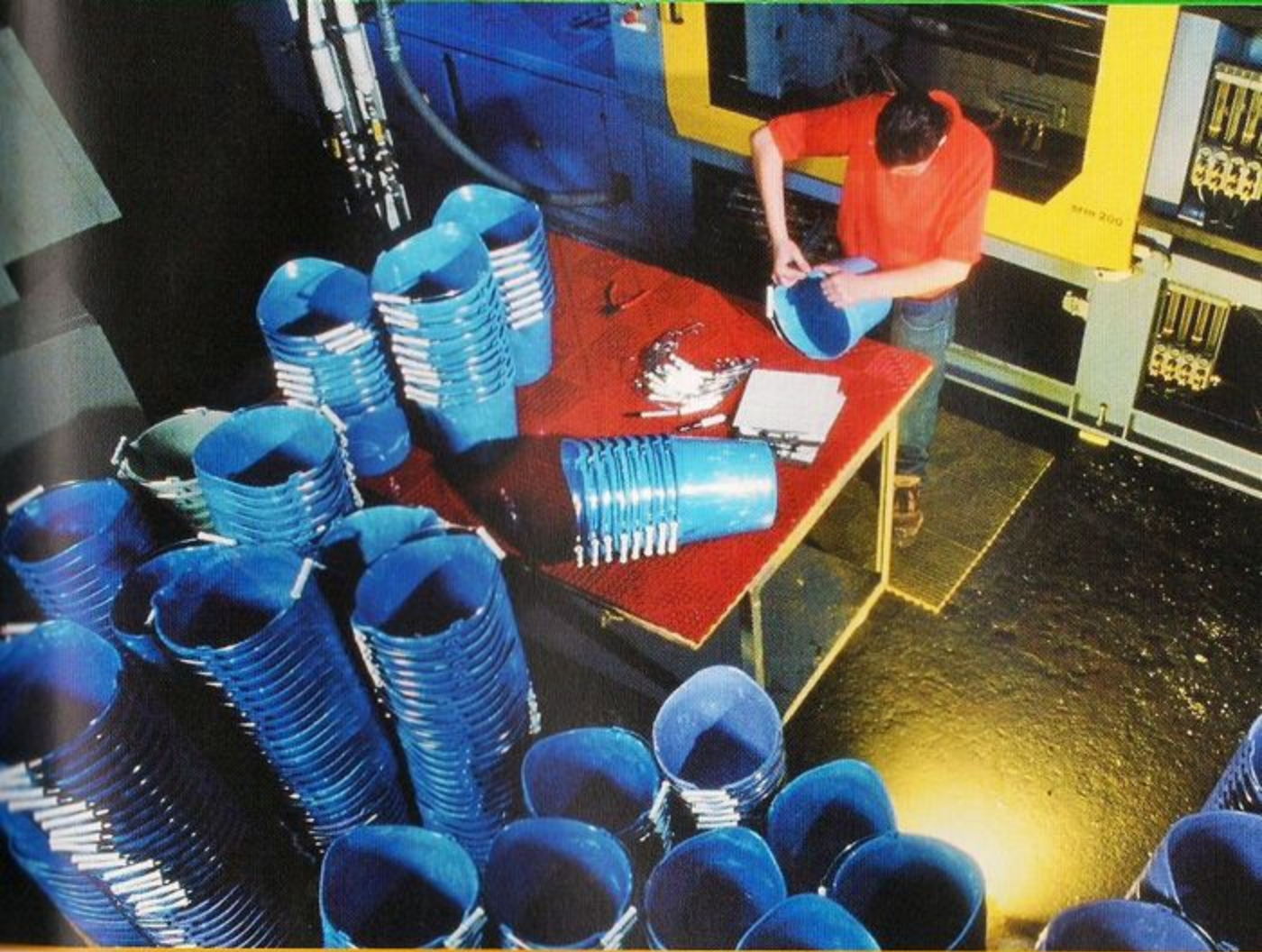


After it is heated, plastic can cool down and become hard again.

Recycling plastic



Plastic can be recycled.



It can be used to make new plastic things.



Plastic can be used to make
playground equipment.



Plastic can be used to make bottles and boxes.

How do people use plastic?



Plastic can be used to make drinking bottles.



Plastic can be used to make toys.



Plastic can be used to make racing cars.



Plastic can be used to make lots of things.

Things made of plastic



◀ containers

▼ racing car



◀ toy

Picture glossary



liquid something that flows and takes the shape of the container it is in.
Water is a liquid.



melt change from a solid to a liquid.
Plastic is a material that melts when it is heated.



recycle take old things to make them into new things

Content vocabulary for teachers

material something that can be used to make things

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boxes 17
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liquid 11
oil 4
people 5, 16–17

playground
equipment 16
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shape 12
toys 19, 22

Notes for parents and teachers

Before reading Put items made of materials such as wood, plastic, metal, and rubber in a closed bag. Challenge the children to feel in the bag and, without looking, identify the object made of plastic. What did it feel like? Was it cold to touch? Was it heavy or light? Talk about the properties of plastic. Ask the children what things they own made of plastic.

After reading

- Put a variety of different toys, including plastic toys, on a tray. Give the children two minutes to memorize all the plastic toys. Then cover the tray with a cloth and challenge them to remember all the plastic toys.
- Talk about recycling plastic. Do they think it is a good idea? Make a class poster based on “Reduce, Re-use, Recycle”.
- Plastic comes in a wide range of colours. Encourage children to bring in small items made of plastic. Can they find things of different colours?

Plastic



Can plastic be recycled?

Read this book to learn all about plastic.

Literacy consultants

Diana Bentley and Dee Reid both have MAs in Children's Literature. Their work combines lecturing, writing for teachers, and working with children in primary classrooms.

Subject consultant

Sally Blake is the faculty research director of a school and research institute for Early Childhood Education. These books were evaluated by the Early Childhood teachers in Montessorri and Reggio programmes.

Books in this series introduce children to the exciting world of materials. Each book uses simple, repetitive text to teach basic vocabulary and includes stunning photographs that illustrate the properties of each material.

In *Plastic*, readers learn how plastic is made, what it is made of, and how it is used. Different objects made of plastic are discussed, and readers learn that plastic can be recycled.

Titles in the Materials series:

Glass	Rock	Water
Metal	Rubber	Wood
Plastic	Soil	



Acorn books introduce curriculum concepts through levelled non-fiction



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