

Materials

Rubber



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Rubber

Cassie Mayer

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Contents

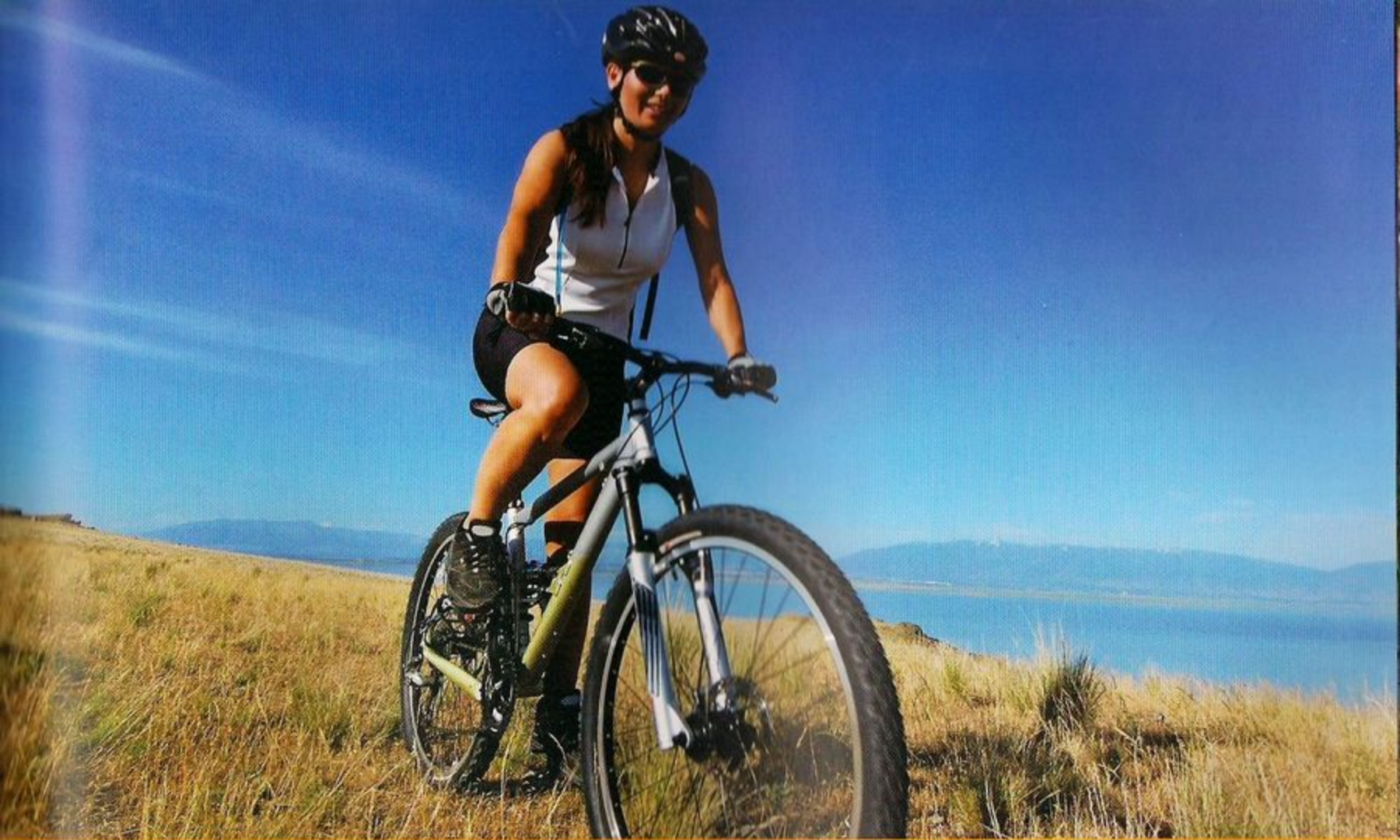
| | |
|---------------------------------|----|
| What is rubber? | 4 |
| Making rubber | 12 |
| How do people use rubber? . | 16 |
| Things made of rubber | 22 |
| Picture glossary | 23 |
| Index | 24 |

What is rubber?



Rubber is a material.

People make rubber in factories.



People use rubber for lots of things.



Rubber can be thick.



Rubber can be thin.



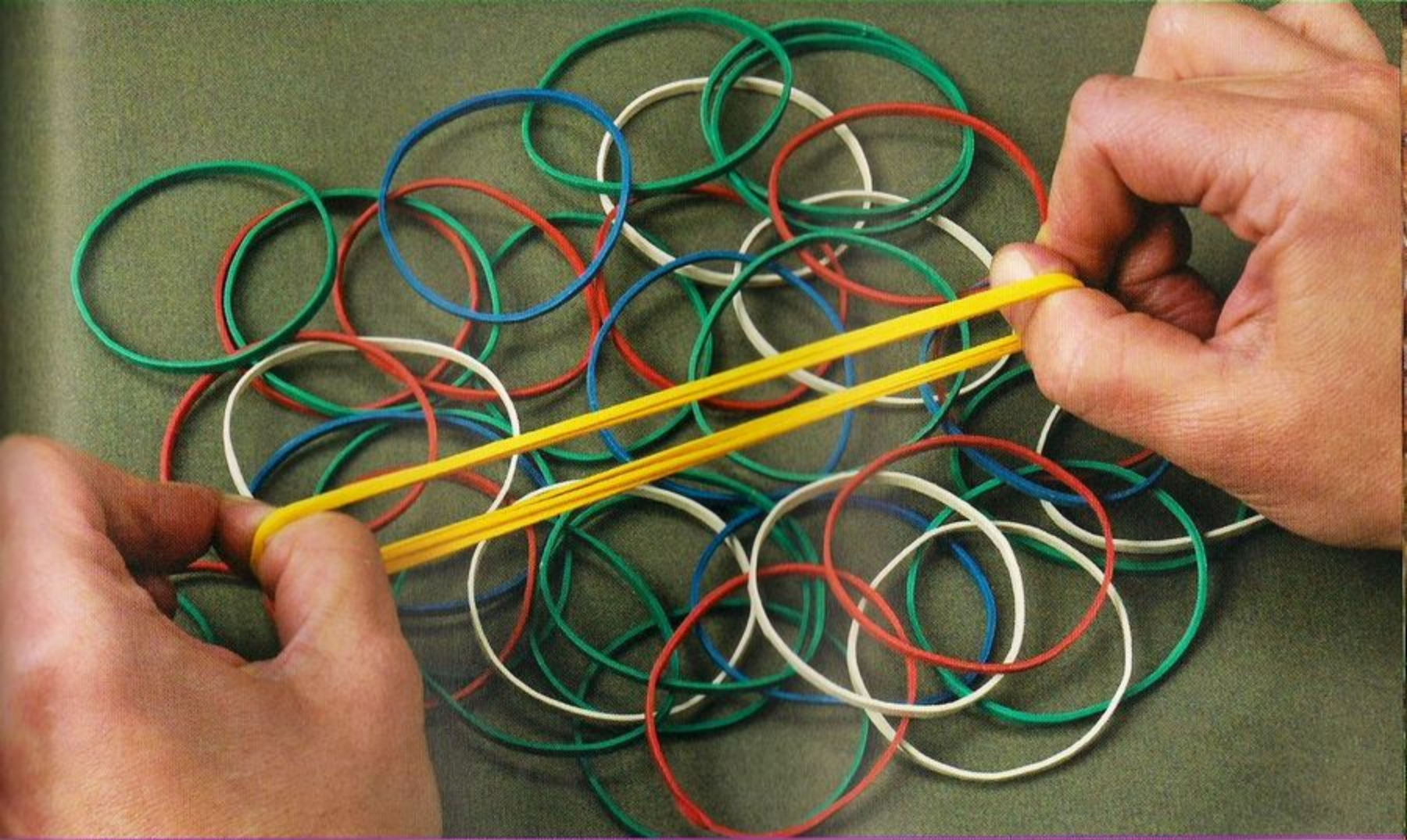
Rubber can be hard.



Rubber can be soft.



Rubber can bounce.




Rubber can stretch.

Making rubber



Some rubber is natural.

A photograph of a rubber tree plantation. The trees have light-colored bark with dark, diagonal scars from tapping. A callout box with an orange border and a white background contains the text "rubber tree". An orange arrow points from the callout box to the trunk of a tree in the foreground. The ground is covered with green vegetation.

rubber tree

Natural rubber comes from rubber trees.



The sap is taken from rubber trees.
It is made into rubber.



Some rubber is synthetic.
Synthetic rubber is made from oil.

How do people use rubber?



Rubber can be used to make hoses.



Rubber can be used to make gloves.



Rubber can be used to make tyres.



Rubber can be used to make toys.



Rubber can be used to make boots.

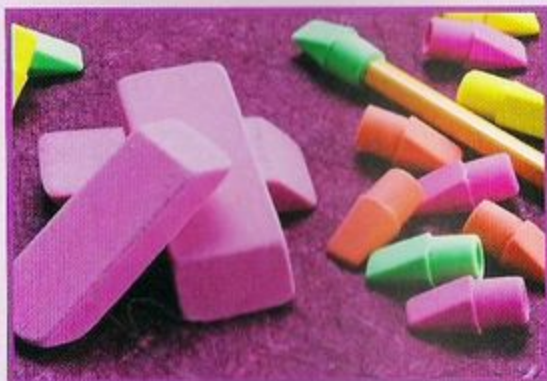


Rubber can be used to make lots of things.

Things made of rubber



▲ tyres



▲ rubber erasers



▲ rubber toys



▲ rubber boots

Picture glossary



sap thick liquid that comes from trees

Content vocabulary for teachers

factory building where goods are manufactured or assembled, mainly by machine

material something that can be used to make things

natural coming from plants, animals, or within the earth

synthetic product made to look as though it is a natural product

Index

boots 20, 22

erasers 22

factories 4

gloves 17

hoses 16

material 4

natural rubber 13

oil 15

people 4, 16–17

rubber trees 13, 14

sap 14

synthetic rubber 14

toys 19, 22

tyres 18, 22

Notes for parents and teachers

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

After reading

- Show children some balloons. Encourage them to feel the balloons and talk about the texture. Pick up the balloons and drop them to the floor. What happens? Then inflate the balloons. What has happened to the size of the balloon? What happens now when they are dropped to the floor?
- In the hall or playground, show children a bouncy ball. See who can catch the ball after it has bounced. Contrast this with a cricket ball. Why does it not bounce?
- Help children to carefully stretch elastic bands over the base of an empty shoe box. Tell them to pluck the bands like strings of a guitar. What happens?

Rubber



Where does rubber come from?

Read this book to learn all about rubber.

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 *Rubber*, readers learn where rubber comes from and how it is used. Different objects made of rubber are discussed, and readers learn that rubber can take many forms.

Titles in the Materials series:

| | | |
|---------|--------|-------|
| Glass | Rock | Water |
| Metal | Rubber | Wood |
| Plastic | Soil | |



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