



Oxford Read and Discover

Wheels

Rob Sved

Read and discover all about wheels ...

- What can wheels do?
- How many wheels does a unicycle have?

Read and discover more about the world! This series of non-fiction readers provides interesting and educational content, with activities and project work.

Series Editor: Hazel Geatches

Audio CD Pack available

Word count for this reader: 675



Level 1

300 headwords



Level 3

600 headwords



Level 5

900 headwords



Level 2

450 headwords



Level 4

750 headwords



Level 6

1,050 headwords

Cover photograph: Photolibrary (Dumper truck wheels/Fotosearch)

OXFORD
UNIVERSITY PRESS

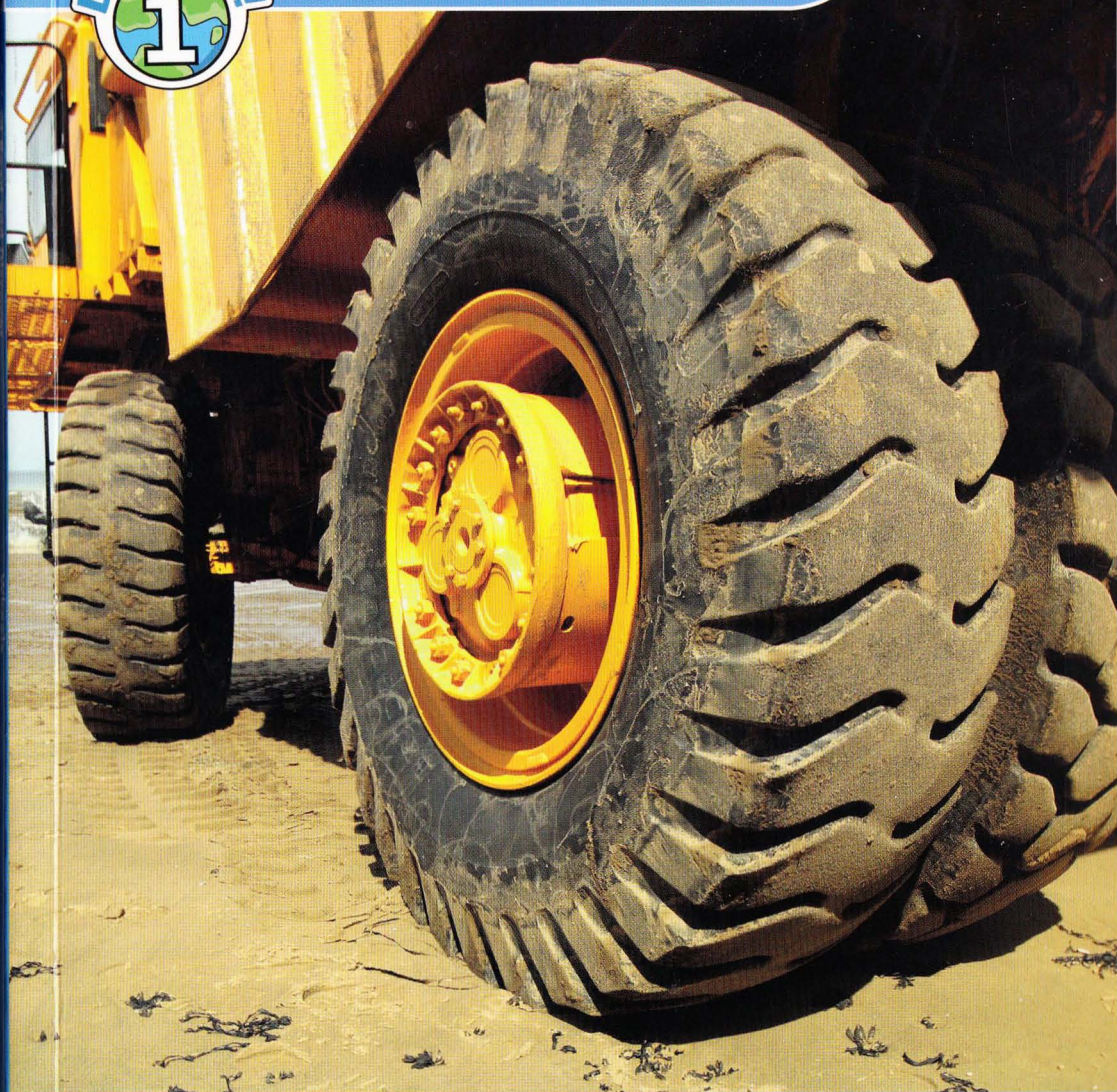
www.oup.com/elt



ISBN 978-0-19-464631-4



Oxford Read and Discover



Wheels



Wheels

Rob Sved

Contents

| | |
|--------------------------------|----|
| Introduction | 3 |
| 1 What Are Wheels? | 4 |
| 2 Carts and Chairs | 6 |
| 3 Bicycles | 8 |
| 4 Cars, Planes, Trains | 10 |
| 5 Wheels for Fun | 12 |
| 6 Wheels to Cut | 14 |
| 7 Wheels at Home | 16 |
| 8 Water and Wind | 18 |
| Activities | 20 |
| Project | 28 |
| Picture Dictionary | 30 |
| About <i>Read and Discover</i> | 32 |

Great Clarendon Street, Oxford, OX2 6DP, United Kingdom
Oxford University Press is a department of the University of Oxford. It furthers the University's objective of excellence in research, scholarship, and education by publishing worldwide. Oxford is a registered trade mark of Oxford University Press in the UK and in certain other countries

© Oxford University Press 2012

The moral rights of the author have been asserted

First published in 2012

2016 2015 2014 2013 2012

10 9 8 7 6 5 4 3 2 1

No unauthorized photocopying

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, without the prior permission in writing of Oxford University Press, or as expressly permitted by law, by licence or under terms agreed with the appropriate reprographics rights organization. Enquiries concerning reproduction outside the scope of the above should be sent to the ELT Rights Department, Oxford University Press, at the address above

You must not circulate this work in any other form and you must impose this same condition on any acquirer

Links to third party websites are provided by Oxford in good faith and for information only. Oxford disclaims any responsibility for the materials contained in any third party website referenced in this work

ISBN: 978 0 19 464631 4

An Audio CD Pack containing this book and a CD is also available, ISBN 978 0 19 464641 3

The CD has a choice of American and British English recordings of the complete text.

An accompanying Activity Book is also available, ISBN 978 0 19 464652 9

Printed in China

This book is printed on paper from certified and well-managed sources.

ACKNOWLEDGEMENTS

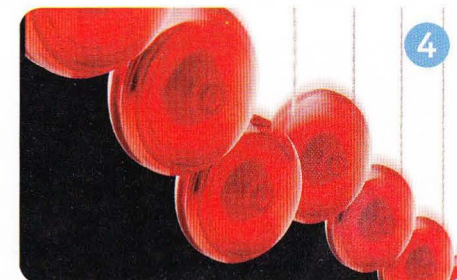
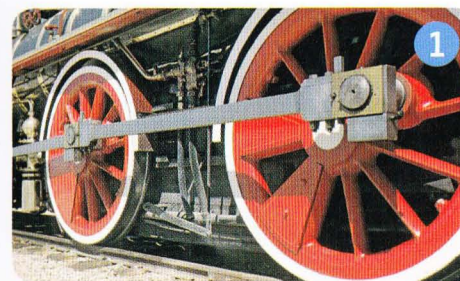
Illustrations by: Kelly Kennedy pp.9, 13, 19; Alan Rowe pp.20, 21, 22, 23, 24, 26, 27, 30, 31.

The Publishers would also like to thank the following for their kind permission to reproduce photographs and other copyright material: Alamy pp.3 (bike wheels/Carlos Voss), 5 (bus/Mo Peerbacus, rollerskaters/MARKA), 15 (combine harvester/John McKenna); Corbis pp.6 (stroller/Corey Rich/Aurora Photos); Getty Images p.3 (train wheels/Panoramic Images, car wheels/Matthew Ward/Dorling Kindersley), 4 (Bob Langrish/Dorling Kindersley), 7 (wheelchair race/Jan Kruger/Getty Images Sport), 8 (cycle race/Sajjad Hussain/Stringer), 10 (Matthew Ward/Dorling Kindersley), 11 (plane/train/Panoramic Images), 13 (child on toy/Rune Johansen/Photolibrary), 14 (Chris Cheadle/Stone), 15 (pizza cutter/Lew Robertson/Photographer's Choice), 17 (rolling pin/Oleksly Maksymenko/All Canada Photos, paint roller/Steven Puetzer/Riser), 19 (Oliver Cleve/Photographer's Choice); Oxford University Press pp.3 (yo-yos), 6 (shopping trolley), 8 (woman cyclist), 9, 12, 13 (merry-go-round), 16 (alarm clock and x-ray of clock), 18; Rex Features p.7 (man in wheelchair/Sipa Press).



Introduction

We use wheels every day. All wheels are round, but some wheels are big and some wheels are little. Wheels can do many things.



Where are these wheels?
Where can you see other wheels?



Now read and discover more about wheels!

1

What Are Wheels?

Wheels are machines. Wheels are round and they turn. People use wheels to do many things.

People use wheels to carry things. This wheelbarrow has one wheel at the front. The girl walks and the wheel turns.

A Wheelbarrow



A Bus

People use wheels to move. This school bus has four big wheels. It carries lots of people.

Wheels are fun, too. Look at these roller skates. A roller skate has four little wheels. With roller skates, people can move fast.

Roller Skates



2

Carts and Chairs

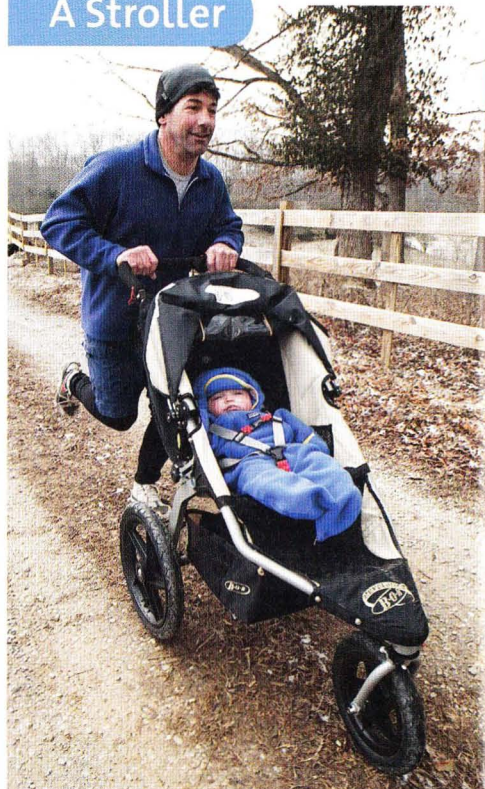
In a store, people use a shopping cart to carry many things. The cart has little wheels. People can push and pull the cart.

A stroller has wheels, too. People push the strollers and babies can sleep in them.

A Shopping Cart



A Stroller



Some people can't walk. They use wheelchairs to move. They push the big wheels with their hands.



A Wheelchair



People use wheelchairs in sports. These people are in a long race. They can go 42 kilometers in two hours!



3

Bicycles

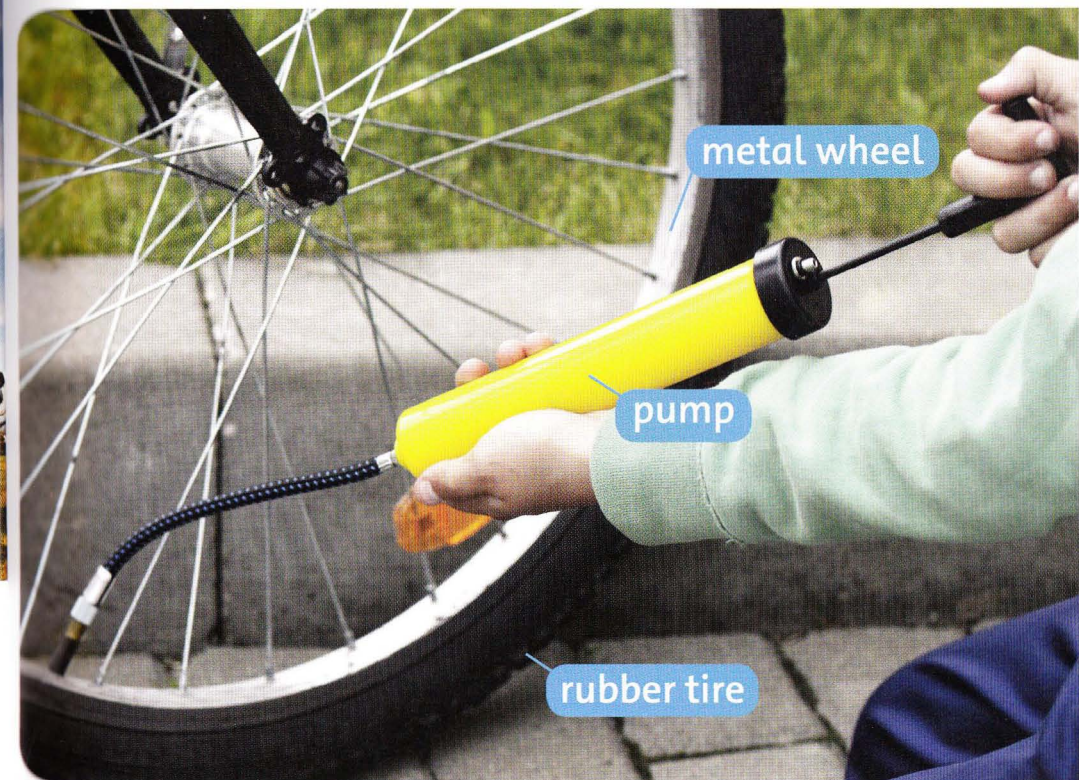


helmet

Do you have a bicycle? Bicycles have two wheels. You use your legs to turn the wheels. You wear a helmet to protect your head.

Some bicycles can go very fast. These people are in a race.

A Race



metal wheel

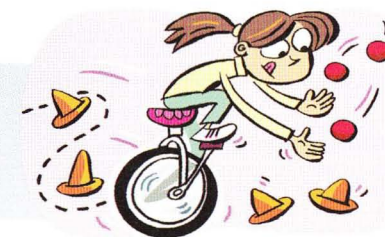
pump

rubber tire

Look at this bicycle wheel. It's a metal wheel with a rubber tire. The tire helps the wheel to turn on bumpy roads. You use a pump to put air into the tire.



A unicycle has one wheel. It's fun to ride!



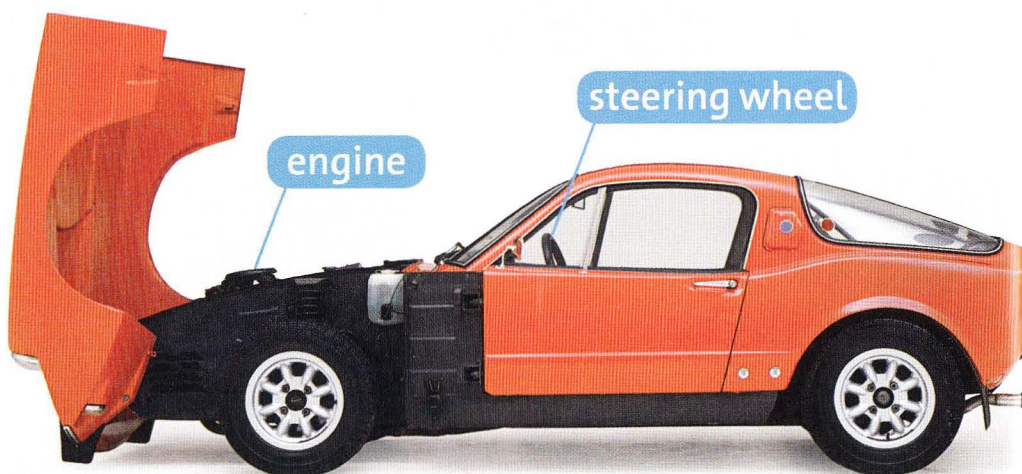
4

Cars, Planes, Trains

Cars, planes, and trains all have wheels. They have an engine, too. The engine makes the wheels turn fast.

How many wheels does a car have? It has four wheels. It has a steering wheel, too. You turn the steering wheel and the car moves left or right.

A Car



A Plane

A plane uses wheels to move very fast, and then it flies into the sky. How many wheels can you see?

Trains have metal wheels. The wheels turn on a metal track.

A Train



track



Wheels for Fun

People use wheels for fun, too!
You can see many wheels at the fairground. This big wheel turns, and people go round and round.

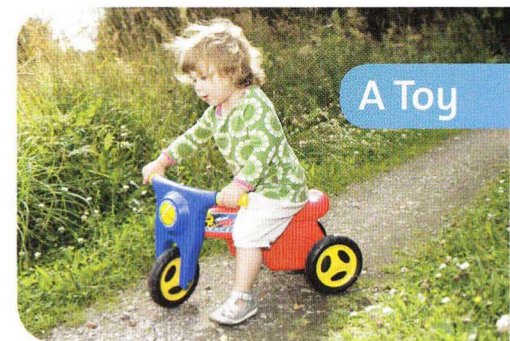
A Big Wheel



A Merry-Go-Round

This wheel is a merry-go-round.
Children stand on the wheel. Other people push it round and round.

Many toys have wheels. This toy has little wheels. Children sit on it and they use their legs to move.



A Toy



A yo-yo is a wheel. It turns fast and goes up and down.

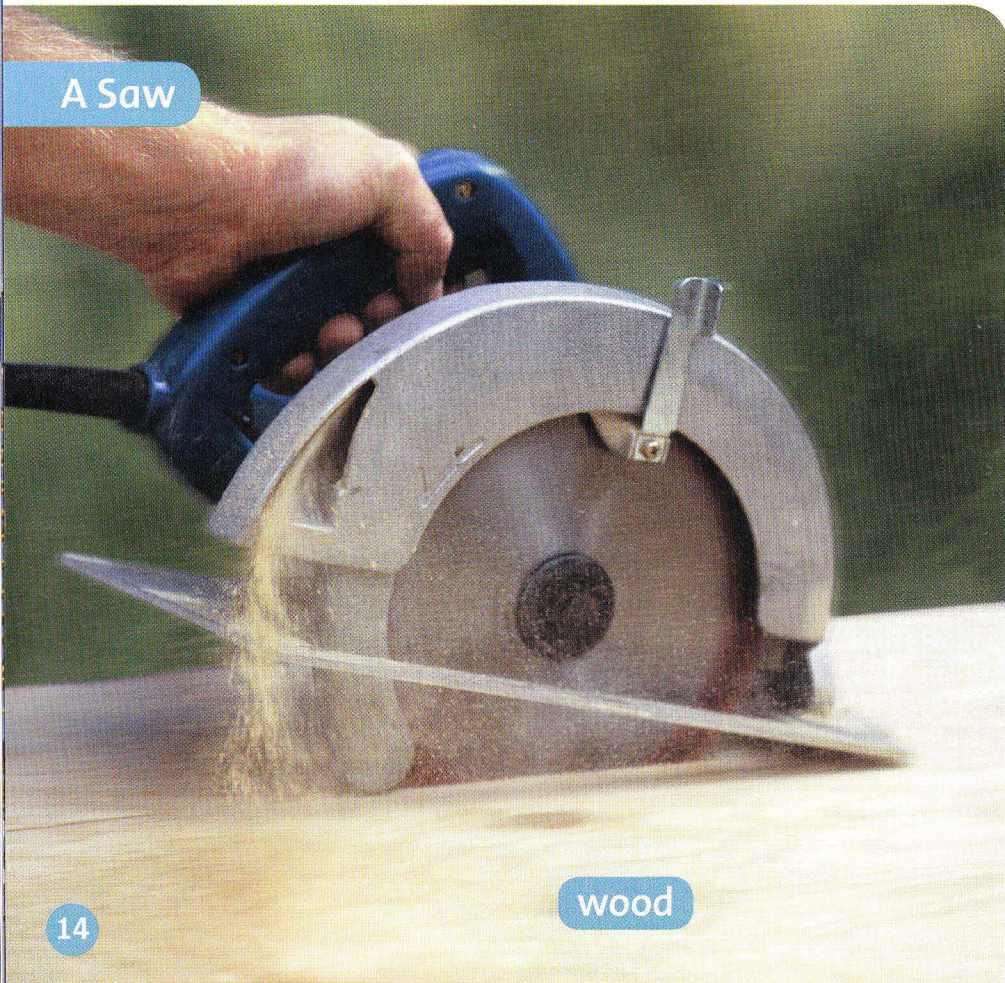


6

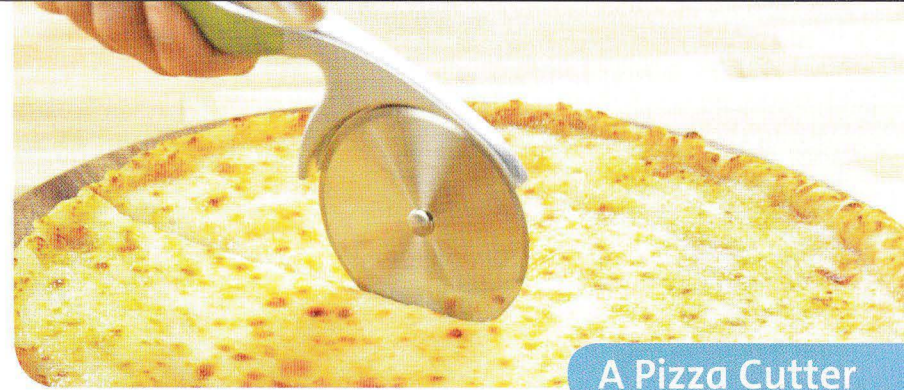
Wheels to Cut

People use wheels to cut things.
A round, metal saw is very sharp.
The saw uses electricity to turn very fast. It can cut many things. This round saw can cut wood.

A Saw



wood



A Pizza Cutter

Wheels can cut food, too. You can push this cutter on a pizza. The metal wheel turns and it cuts the pizza.

This combine harvester has wheels to move and wheels to cut. The metal wheels are very sharp and they turn fast. The combine harvester moves and the metal wheels cut the wheat.

A Combine Harvester



metal wheels

wheat

Wheels at Home

People use wheels to do many things at home. Look in your home. How many wheels can you find?

This clock has many wheels inside. The wheels turn together, and they make the hands move.

A Clock



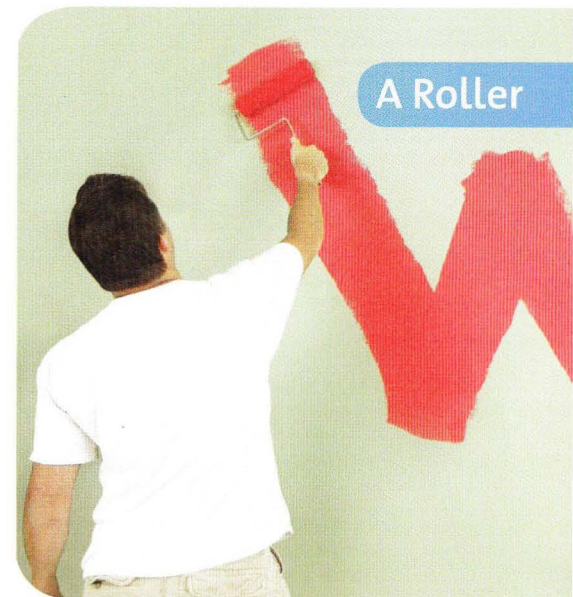
hand



A Rolling Pin

This rolling pin is a long wheel. People use a rolling pin to make bread and cookies.

Do you know people can paint with wheels? People use a roller to paint walls.



A Roller

People use rivers and the wind to turn wheels.

This is an old water mill. The water in the river turns a big wheel. The big wheel turns other wheels in the water mill. The wheels make flour from wheat.

A Water Mill



river



A wind turbine has wheels inside. The wind turns the wheels. This makes electricity.

We use wheels every day, and they help us do many different things. Which is your favorite wheel?

1 What Are Wheels?

← Read pages 4–5.

1 Write the words.

roller skates ~~wheelbarrow~~ people bus



1 wheelbarrow



2 _____



3 _____



4 _____

2 Complete the sentences.

little round
big front

- Wheels are round and they turn.
- A wheelbarrow has a wheel at the _____.
- A bus has _____ wheels.
- A roller skate has _____ wheels.

2 Carts and Chairs

← Read pages 6–7.

1 Find and write the words.

pull strollers sports store push wheel chair



1 _____



2 _____



3 _____



4 _____



5 _____



6 pull

2 Write *true* or *false*.

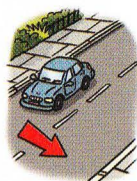
- Babies can sleep in strollers. true
- A shopping cart has big wheels. _____
- People push a shopping cart. _____
- People in wheelchairs push the wheels with their hands. _____

3 Bicycles

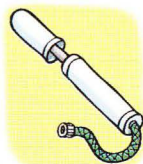
← Read pages 8–9.

1 Find and write the words.

| | | | | | |
|---|---|---|---|---|---|
| r | o | t | i | r | e |
| o | m | e | t | a | l |
| r | o | a | d | u | d |
| p | a | p | u | m | p |
| h | e | l | m | e | t |



1 road 2 h



3 p 4 m 5 t

2 Match. Then write the sentences.

You use your legs
You use a pump
You wear a helmet

to protect your head.
to put air into a tire.
to turn bicycle wheels.

1 You use your legs to turn bicycle wheels.

2

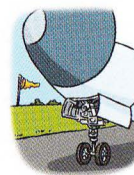
3

4 Cars, Planes, Trains

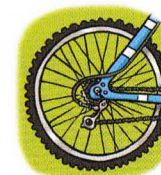
← Read pages 10–11.

1 Write the words.

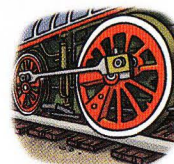
car plane train bicycle



1



2



3



4

2 Write *true* or *false*.

1 A car has six wheels. _____

2 You turn a steering wheel and the car moves left or right. _____

3 Trains don't have wheels. _____

4 Trains move on a metal track. _____

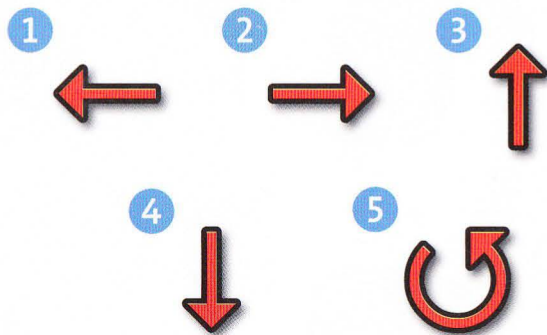
5 Wheels for Fun

← Read pages 12–13.

1 Write the words.

down left round up right

- 1 _____
- 2 _____
- 3 _____
- 4 _____
- 5 _____



2 Complete the sentences.

sit push yo-yo fairground

- 1 There are many wheels at the _____.
- 2 People can _____ a merry-go-round.
- 3 You can _____ on a toy.
- 4 A _____ goes up and down.

6 Wheels to Cut

← Read pages 14–15.

1 Match. Then write the sentences.

A combine harvester

A pizza cutter

A saw

cuts wood.

cuts wheat.

cuts pizza.

- 1 _____
- 2 _____
- 3 _____

2 Circle the correct words.

- 1 A metal saw is very sharp / wood.
- 2 A saw turns very fast / food.
- 3 A pizza cutter has a metal wheel / pizza.
- 4 A combine harvester has wheels to move and wheels to cutter / cut.
- 5 A combine harvester sits / moves and the wheels cut the wheat.

7 Wheels at Home

← Read pages 16–17.

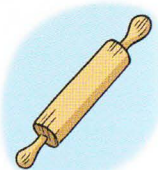
1 Write the words. Then match.

1 kcc⁰l

clock

2 lr^lro^e

3 lir^onlgipⁿ



2 Complete the sentences.

long make turn paint

- 1 People use a rolling pin to _____ bread and cookies.
- 2 A clock has many wheels that _____ together.
- 3 People use a roller to _____ walls.
- 4 A rolling pin is a _____ wheel.

8 Water and Wind

← Read pages 18–19.

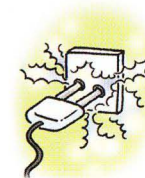
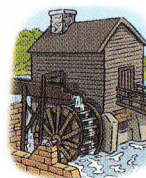
electricity wind turbine
river water mill

1 Write the words.



1 _____

2 _____



3 _____

4 _____

2 Write *true* or *false*.

- 1 The wind turns a wheel in a water mill. _____
- 2 Wheels in a water mill can make flour from wheat. _____
- 3 The wind turns a wind turbine and this makes electricity. _____
- 4 You can't use wheels to make electricity. _____



My Wheels

1 Find or draw pictures of wheels. Then write.

Where is it? _____

Is it big or little? _____

Is it fast? _____

Where is it? _____

Is it big or little? _____

Is it fast? _____

Where is it? _____

Is it big or little? _____

Is it fast? _____

Where is it? _____

Is it big or little? _____

Is it fast? _____

2 How many wheels does it have?
Write words.

1 wheel

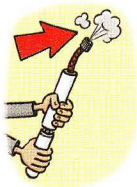
yo-yo

2 or 3 wheels

4 wheels

many wheels

Picture Dictionary



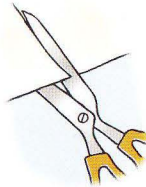
air



bumpy



children



cut



paint



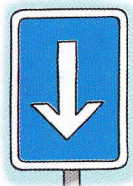
people



protect



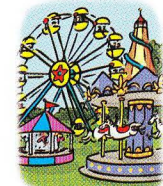
pull



down



electricity



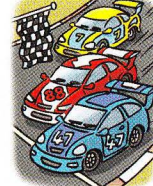
fairground



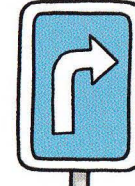
fast



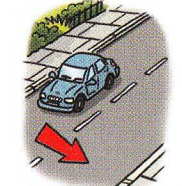
push



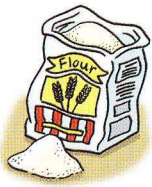
race



right



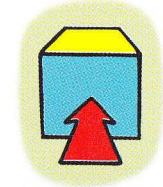
road



flour



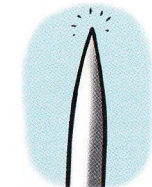
food



front



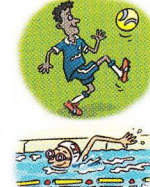
hour



sharp



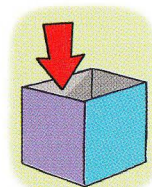
sleep



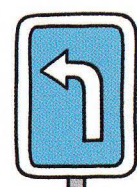
sports



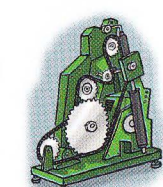
store



inside



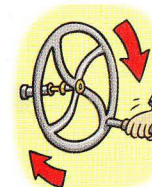
left



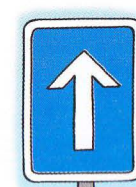
machine



metal



turn



up



water



wheel



Oxford Read and Discover

Series Editor: Hazel Geatches • CLIL Adviser: John Clegg

Oxford Read and Discover graded readers are at six levels, for students from age 6 and older. They cover many topics within three subject areas, and support English across the curriculum, or Content and Language Integrated Learning (CLIL).

Available for each reader:

- Audio CD Pack (book & audio CD)
- Activity Book

Teaching notes & CLIL guidance: www.oup.com/elt/teacher/readanddiscover

| Subject Area Level | The World of Science & Technology | The Natural World | The World of Arts & Social Studies |
|--------------------------------|---|--|--|
| 1 300 headwords | <ul style="list-style-type: none"> • Eyes • Fruit • Trees • Wheels | <ul style="list-style-type: none"> • At the Beach • Camouflage • In the Sky • Young Animals | <ul style="list-style-type: none"> • Art • Schools |
| 2 450 headwords | <ul style="list-style-type: none"> • Electricity • Plastic • Sunny and Rainy • Your Body | <ul style="list-style-type: none"> • Earth • Farms • In the Mountains • Wild Cats | <ul style="list-style-type: none"> • Cities • Jobs |
| 3 600 headwords | <ul style="list-style-type: none"> • How We Make Products • Sound and Music • Super Structures • Your Five Senses | <ul style="list-style-type: none"> • Amazing Minibeasts • Animals in the Air • Life in Rainforests • Wonderful Water | <ul style="list-style-type: none"> • Festivals Around the World • Free Time Around the World |
| 4 750 headwords | <ul style="list-style-type: none"> • All About Plants • How to Stay Healthy • Machines Then and Now • Why We Recycle | <ul style="list-style-type: none"> • All About Desert Life • All About Ocean Life • Animals at Night • Incredible Earth | <ul style="list-style-type: none"> • Animals in Art • Wonders of the Past |
| 5 900 headwords | <ul style="list-style-type: none"> • Materials to Products • Medicine Then and Now • Transportation Then and Now • Wild Weather | <ul style="list-style-type: none"> • All About Islands • Animal Life Cycles • Exploring Our World • Great Migrations | <ul style="list-style-type: none"> • Homes Around the World • Our World in Art |
| 6 1,500 headwords | <ul style="list-style-type: none"> • Cells and Microbes • Clothes Then and Now • Incredible Energy • Your Amazing Body | <ul style="list-style-type: none"> • All About Space • Caring for Our Planet • Earth Then and Now • Wonderful Ecosystems | <ul style="list-style-type: none"> • Food Around the World • Helping Around the World |

Readers in GRAY available 2013

| | Metric measurement | Customary measurement |
|--------|--------------------|-----------------------|
| Page 7 | 42 kilometers | 26 miles |