Wheels

Subject Area

The World of Science & Technology

Topics & Curriculum Links

machines (Science; Technology)
materials (Science; Technology)
daily life (Civics)
transportation (Technology)
sports and other hobbies (Civics)
disabilities (Science; Civics)
food (Science)
electricity (Science)
shapes (Mathematics)
sizes, measurements, and quantities (Mathematics)

Vocabulary

transportation; food; shapes; sizes; daily activities; sports; parts of the body; materials; places; numbers; directions

Grammar

present simple; *can/can't*; question forms; imperative; adjectives; prepositions; adverbs

Activities Answers

Page 20 **1** 1 wheelbarrow 2 bus 3 people 4 roller skates **2** 1 round 2 front 3 big 4 little

Page 21 **1** 1 push 2 sports 3 store 4 wheelchair 5 stroller 6 pull **2** 1 true 2 false 3 true 4 true

Page 22 **1** 1 road 2 helmet 3 pump 4 metal 5 tire **2** 1 You use your legs to turn bicycle wheels. 2 You use a pump to put air into a tire. 3 You wear a helmet to protect your head.

Page 23 **1** 1 plane 2 bicycle 3 train 4 car **2** 1 false 2 true 3 false 4 true

Page 24 **1** 1 left 2 right 3 up 4 down 5 round **2** 1 fairground 2 push 3 sit 4 yo-yo

Page 25 **1** 1 A combine harvester cuts wheat. 2 A pizza cutter cuts pizza. 3 A saw cuts wood. **2** 1 sharp 2 fast 3 wheel 4 cut 5 moves

Page 26 **1** 1 clock 2 roller 3 rolling pin **2** 1 make 2 turn 3 paint 4 long

Page 27 **1** 1 wind turbine 2 river 3 water mill 4 electricity **2** 1 false 2 true 3 true 4 false

Teaching Ideas

See also pages 8–9 for general ideas that you can adapt. Or go to **www.oup.com/elt/teacher/readanddiscover**

READ & TALK Mystery Wheels

After reading page 3, collect pictures of wheels. Cut out the wheels or cover up everything except the wheels – so that it's not easy to guess what type of wheel it is, as on page 3. Show each wheel to the class and ask students to guess what type of wheel they think it is.

READ & TALK A Wheels Collage

After completing the project, students collect more pictures of things that have wheels. They label them. Then they create a class collage of wheels, organizing them into different categories – things with one/two/three/four/more wheels.

READ & TALK Where is this Wheel?

Choose one of the wheels in the Reader, and without saying its name, read out one sentence about it and ask students to guess where the wheel is. Read out more sentences, one at a time, until students guess the correct wheel. Students can then do this in small groups or pairs.

A Wheel Diary

Students keep a record of all the different wheels that they see at school or around them during a day, or a few days. They can record their wheels in a chart, or in a diagram like the one on page 29 of the Reader, organizing them into different categories – things with one/two/three/four/more wheels.

READ & TALK A New Machine

Students design a new machine with wheels. First they decide how many wheels it has, if they are big or little, what they are made of, and what the machine can do. Then they draw the machine, and they can talk or write about it like this: *This machine has [number] wheels. The wheels are big/little. This machine can* ... Students then display all the designs together. They can vote for their favorite design.

