



Why We Recycle

Subject Area

The World of Science & Technology

Topics & Curriculum Links

materials and products (Science; Technology)

recycling waste (Science; Technology)

pollution; dangers for the environment (Geography; Civics)

life at home (Civics)

protecting the environment (Science; Civics)

quantities and measurements (Mathematics)

Vocabulary

materials; everyday objects; food; numbers; measurements; places

Grammar

present simple; present continuous; question forms; imperative; adjectives; prepositions; adverbs

Teaching Ideas

See also [pages 6–7](#) for general ideas that you can adapt. Or go to www.oup.com/elt/teacher/readanddiscover

Things That We Can Recycle

After completing Project 1, students share their ideas with the class, and make a list of all the things that we can recycle. They can complete a chart like the one on page 42 of the Reader. They list all the things made of plastic, paper, glass, or metal.



A Recycling Survey

After completing Project 2, students collect the survey information from the class. They can do this by listening to each student giving their information in turn, or by collecting the information in a big chart on the board. Then they make a bar chart to show the class results.



Recycling in My Home

Students find out what happens to the food waste, plastic waste, paper waste, etc. in their home. Then they write a short report using language like this: *In my home, the food waste goes to a recycling factory / landfill. The ... waste goes to ...* Students then report back to the rest of the class, and they can compare findings.

Recycling Posters

Students design posters to promote recycling in their school. Students then display all the posters together, and they can vote for their favorite poster. The winning poster can be copied and displayed around the school.

Activities Answers

Page 24–25 1 1 countries, five, day 2 big 3 fast 4 slowly 5 never 6 less
2 1 plastic, up to 1,000 years 2 glass, never 3 some metals, from 80 to 100 years 4 paper, from 2 to 5 months 3 1 landfill 2 waste 3 5 kilograms 4 waste 5 never 6 months 7 years 8 less 4 free answers

Page 26–27 1 1 When we reduce our waste, we make less waste. 2 When we reuse our waste, we use it again. 3 When we recycle our waste, we use it to make something new. 4 We should put less waste in landfills. 5 We can fix things when they break. 2 1 false 2 true 3 true 4 false 3 1 reuse 2 reduce 3 recycle 4 use 4 1 recycle 2 reuse 3 reduce 4 waste 5 landfill 6 elephant 7 glass 8 metal 9 plastic 10 paper; odd one out: elephant 5 free answers

Page 28–29 1 1 batteries 2 television 3 computer 4 shoes 5 cans 6 clothes 2 1 recycle 2 clear 3 many 4 symbols 3 1 recycle 2 new 3 glass 4 colors 5 plastic 6 good 7 cars 4 1 There's a recycling symbol. 2 cans, cars, computers 3 No, but we can recycle most things.

Page 30–31 1 1 newspaper 2 paper recycling factory 3 newspaper factory 2 1 paper 2 factory 3 machines 4 fibers 5 ink 6 glue 7 staples 8 trees 9 soap 10 air 3 1 false 2 true 3 true 4 false 4 1 Paper is made from cars trees. 2 When we recycle chocolate paper, we save trees. 3 At a paper recycling factory, machines cut the paper and put the pieces in pizzas water. 4 Machines wash paper fibers to take out things like dogs staples and eats glue. 5 Every time we recycle paper, the fibers get bigger smaller and stronger weaker. 6 We will always need some new bottles trees to make paper. 5 free answers

Page 32–33 1 1 car 2 chair 3 phone 4 refrigerator 5 bottle 6 toys 2 1 decompose 2 different 3 bottles 4 clothes 5 factory 3 1 Plastic is newer than other materials. 2 There aren't many factories that recycle plastic. 3 We can recycle plastic from things like bottles. 4 Different factories recycle different types of plastic. 5 We can use recycled plastic to make clothes. 4 1 They clean the plastic. 2 They cut the plastic into small pieces. 3 They melt the plastic. 4 They clean the plastic again. 5 They cut the clean plastic into pellets.

Page 34–35 1 1 blow 2 hot 3 sand 4 magnet 5 melt 6 machine 2 1 Glass is made from sand. 2 People sort the glass into different colors. 3 Machines break the glass into small pieces. 4 When we make new glass from recycled glass we can save energy. 5 People can recycle glass again and again. 6 We use most recycled glass to make new glass things. 3 1 false 2 true 3 true 4 false 5 true 6 false 4 1 sand 2 energy 3 materials 4 recycled 5 factory, pieces

Page 36–37 1 1 metals 2 aluminum 3 energy 4 rocks 5 hot 6 bar 2 1 different 2 rocks 3 energy 4 recycle 3 1 We save energy when we recycle metals. 2 We recycle different metals in different ways. 3 Aluminum is the metal in most drinks cans. 4 We can recycle all metals. 5 Aluminum bars are very big. 4 1 They come from rocks. 2 Because we can recycle it again and again. 3 They are made from aluminum. 4 by melting metal 5 more than one million

Page 38–39 1 1 We can't eat banana skins. 2 In landfills food decomposes very slowly. 3 We can reduce waste when we only buy the food that we need. 4 We can make compost with our food waste. 5 Compost helps plants to grow. 2 free answers 3 1 false 2 false 3 true 4 true 5 true 6 true 4 1 food 2 banana 3 garden 4 decomposes 5 compost; secret word: farms

Page 40–41 1 1 Glass is made from sand. 2 Paper is made from trees. 3 Plastic is made from oil. 4 Metal comes from rocks. 2 1 oil 2 trees 3 yellow 4 problems 5 pollution 6 factories 7 energy 8 waste; odd one out: yellow 3 1 plastic 2 future 3 waste 4 animals 4 1 Landfills 2 is 3 kill 4 can 5 machines 6 new 5 1 factories, landfills, waste 2 They can kill plants and animals. 3 So that we can have them in the future.

Page 42–43 1 1 For plastic: cars, plastic bottles, plastic boxes; For paper: newspapers, birthday cards; For glass: glass bottles; For metal: cars, cans, computers 2 1 You can reduce your schools waste. 2 Borrow a computer game from a eat friend. 3 Fix things when they sing break. 4 Write Make things from waste. 3 1 reduce 2 reuse, recycle 3 reuse 4 reduce 5 recycle 4 1 reduce 2 reuse 3 recycle 4 waste 5 plastic 6 metal 7 glass 8 paper 5 free answers