

## Look and remember

p. 4

<b>Vocabulary</b>	National parks, Environment, Holidays, Food
<b>Grammar</b>	People explore the caves and enjoy the beautiful waterfalls and lakes there. The people in the photo are walking along paths between the lakes. Plitvice Lakes National Park has been a UNESCO World Heritage Site since 1979. Where did you go on your last holiday?

## 1 A good start

p. 9

Vocabulary	Grammar	Skills
 arrive at school on time, be more friendly, do my music practice, go to bed early, help tidy the classroom, join a club, study harder, take exercise Reading: discover, equipment, materials, special	I'm going to sit on the Friendship Benches. We're going to help these people. I'll help to tidy the classroom. I'm meeting Richard and Sarah at four o'clock to study for the science exam. The Science Bus is coming to our School on Tuesday.	Listen to a radio programme about Friendship Benches. Read about the Science Bus and Bioblitzes. Write a biography. ▶ Learn and speak about National Geographic Explorer Shabana Basij-Rasikh and her special school. <b>VALUE</b> Be friendly.

## 2 Amazing animals

p. 17

 artist, creatures, damage, disappear, environment, extinct, ocean, protect Reading: donkey, parrot, rattlesnake, scorpion, spider monkey, squirrel	If people see what is happening, they'll do something about it. If we don't stop putting plastic into the ocean, we'll lose more and more animals. Fish wouldn't be able to move through the water if they didn't have tails. If you had a tail, what would you use it for?	Listen to an interview with artist and National Geographic Explorer Asher Jay. Read about how different kinds of animals use their tails. Write a report about an animal that's in danger. ▶ Learn and speak about national animals. <b>VALUE</b> Care for the environment.
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## 3 Working outdoors

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Function 1	School trip 1	Review 1: Units 1-2
Giving advice p. 25	Protecting our oceans: Niue and Chile p. 26	Units 1-2 p. 28
 gardener, lifeguard, marine biologist, mechanic, mountain guide, painter, photojournalist, tennis coach Reading: fashion, keeper, mural, wonder	She's looking at something under the microscope. No one is in the water. It's very cold! I don't know anything about Iceland. You're not a mural painter, are you? No, I'm not. He's got an interesting job, hasn't he? Yes, he has.	Listen to an interview with National Geographic Explorer Jónína Herdís Ólafsdóttir. Read about three interesting jobs. Write a description of a job. ▶ Learn and speak about working with penguins. <b>VALUE</b> Stay safe.

## 4 Let's get technical

p. 37

 chat, connect, delete, do research, improve, program, repair, save Reading: engineers, fixed onto, remote-controlled, straight (into)	Computers are used every day. The first computer was invented by scientists a long time ago. Technology is being used more and more in film and photography. My laptop isn't being used right now.	Listen to an interview about how computers are changing. Read about camera traps. Write instructions for using some kind of technology. ▶ Learn and speak about important inventions. <b>VALUE</b> Help others.
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## 5 Going places

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Game 1	Reading extra 1	Review 2: Units 3-4
p. 45	Clever creatures p. 46	Units 3-4 p. 48
 cross, destination, hurry, reach, set off, suitcases, survive, view Reading: centimetres, heights, loads, metres, tunnel, wide	Most mountains have been climbed, but a few haven't been climbed yet. Where's German spoken? How was the old bridge damaged?	Listen to a report on Robyn Davidson's journey across the desert in Australia. Read about the Charles Kuonen Suspension Bridge and the Gotthard Base Tunnel. Write a factfile about your country or another country. ▶ Learn and speak about crossing the world's largest glaciers. <b>VALUE</b> Take exercise.

## 6 Fantastic festivals

p. 57

 a.m., autumn, century, hours, midday, midnight, minutes, month, p.m., seconds, spring, summer, winter Reading: mixture, poured, skin, tropical fruit	People in Japan have been celebrating the cherry blossom for centuries. She's been dancing since six o'clock. I've been eating delicious food all day, so now I'm not hungry. Our feet are sore because we've been dancing at the festival all day.	Listen to an interview about the cherry blossom festival in Japan. Read about the Mistura festival in Peru and the Boryeong Mud Festival in Korea. Write an advert for an event. ▶ Learn and speak about festivals from around the world. <b>VALUE</b> Learn about other cultures.
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## 7 Extreme sports

p. 69

Vocabulary	Grammar	Skills
 accident, beginner, challenging, concentrate, experience, experts, large, routes Reading: flows, specially, steep, steeply, wondered	You have to wear a helmet when you go rock climbing. You don't have to wear a helmet when you play tennis. I taught myself how to kayak. Why are you talking to yourself?	Listen to an interview about rock climbing. Read about white-water kayaking. Write an article about an extreme sport. ▶ Learn and speak about splitboarding. <b>VALUE</b> Be responsible.

## 8 Tales of survival

p. 77

 battery, charge, dead, expedition, frightening, hard, horrible, realized, search Reading: alive, kindness, stranger, treatment	No one had ever crossed these mountains before. After the men had landed safely, they ate dinner. Alison hadn't met the man before. Where had she been before she got to Thailand?	Listen to a podcast about Ernest Shackleton's expedition. Read about a survival story. Write survival tips. ▶ Learn and speak about famous expeditions. <b>VALUE</b> Be kind to others.
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## 9 Exploring the world

p. 89

Game 2	Reading extra 2	Review 4: Units 7-8
p. 85	Anansi the wise p. 86	Units 7-8 p. 88
 backpack, bite, brave, decide, had the chance, hear, meet, prefer, run out, sting Reading: coins, noticed, observatory, points, worth	If Ed hadn't met Cho, he would have walked alone. If he had run out of food, he would have been hungry. Would Philip have found the tooth if he had stayed indoors?	Listen to an account of National Geographic Adventurer Ed Stafford's walk along the Amazon River. Read about three lucky explorers. Write a for and against essay. ▶ Learn and speak about the discovery of a shipwreck. <b>VALUE</b> Be on time.

## 10 Great museums

p. 97

 admire, closing time, enter competitions, exhibitions, fascinating, go out, opening time, touch, unusual, visitors Reading: cocoons, fossils, lucky, sign language	My friend said (that) there was an underwater café. Marta and Ferran said (that) they had seen a fascinating film. The guide told the children they could put their sleeping bags under the blue whale. The guide told us she was going to turn off the lights.	Listen to an interview about the City of Arts and Sciences in Valencia, Spain. Read about International Museum Day. Write a diary entry about a day at a favourite museum. ▶ Learn and speak about famous museums. <b>VALUE</b> Be curious.
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## 11 Very mysterious!

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Function 3	School trip 3	Review 5: Units 9-10
Responding to invitations and making plans p. 105	Climbing China's amazing limestone rocks p. 106	Units 9-10 p. 108
 GPS, migrate, mystery, recognize, position, sight, smell, solve Reading: appeared, crashing, horror, imagine	The presenter asked the expert why he liked birds. The student asked what the birds ate. Mark told his friends to look at the floating man. Rashid asked me to explain the mystery of the flying cars to him.	Listen to an interview about the mystery of bird migration. Read about three mysterious events. Write a summary of a book, TV programme or film. ▶ Learn and speak about bark scorpions. <b>VALUE</b> Find out for yourself.

## 12 Fascinating places

p. 117

 clear, luxurious, opportunity, ordinary, perhaps, relax, successful, sunrise, sunset Reading: attraction, hang out, natural, resort	I wish I lived by the sea. I wish I could be a successful photographer. Watch out! It's a long way down.	Listen to an interview about photography. Read about some amazing places to stay. Write a holiday review. ▶ Learn and speak about famous places around the world. <b>VALUE</b> Enjoy the world.
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