Scope and Sequence

Grammar

Look and Remember

p. 4

National parks, Environment, Vacations, Food Vocabulary

> People explore the caves and enjoy the beautiful waterfalls and lakes there. The people in the photo are walking along paths between the lakes.

> > Grammar

Plitvice Lakes National Park has been a UNESCO World heritage site since 1979.

Where did you go on your last vacation?

A Good Start p. 9

Amazing

Animals

p. 17



Vocabulary arrive at school on time, be friendlier, exercise, go to bed early, help clean the classroom, join a club, practice music, study harder

Reading: discover, equipment, materials, special

artist, creatures, damage, disappear, environment, extinct, marine, protect Reading: cheetah, rattlesnake, scorpion, squirrel

I'm going to sit on the Friendship The Science Bus is coming to our

Bench We're going to help these people. I'll help clean the classroom. I'm meeting Richard and Sarah at four o'clock to study for the science test.

If people see what's happening,

they'll do something about it.

If we don't stop putting plastic into

the ocean, we'll lose more and

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

Benches Read about the Science Bus and Bioblitzes. Write a biography.

Skills

(Example 2) Learn and speak about National Geographic Explorer Shabana Basij-Rasikh and her special school.

Listen to an inteview with artist and National

Listen to a radio program about Friendship

Re friendly

Geographic Explorer Asher Jav. 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 environment. animals

Take care of the

Function 1 Giving advice p. 25 School Trip 1 Protecting Our Oceans: Niue and Chile p. 26 Review 1: Units 1-2 p. 28

more animals

it for?

School on Tuesday.

Working **Outdoors** p. 29



marine biologist. mechanic, mountain auide, painter, photojournalist, tennis coach Reading: fashion, keeper, mural, wonder

chat, connect, delete,

do research, improve,

program, repair, save

to, engineers, remote-

controlled, straight (into)

Reading Extra 1 Intelligent Animals p. 46

Reading: attached

gardener, lifeguard,

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 has an interesting job, doesn't he? Yes, he does.

Computers are used every day.

My first computer was repaired six

Technology is being used more and

more in video and photography.

Listen to an interview with National Geographic Explorer Jónína Herdís Read about three interesting jobs.

Write a description of a job. Learn and speak about working with

Stay safe.

Listen to an interview about how computers are changing

Read about camera traps Write instructions for using some kind of

technology My laptop isn't being used right now. () Learn and speak about important inventions.

penguins

Help others.

Let's Get **Technical** p. 37

Going

Places

p. 49



Game 1 p. 45

cross, destination, hurry, reach, set off, suitcases, survive, view

Reading: centimeters, heights, loads, meters, tunnel, wide

Most mountains have been climbed. but a few mountains haven't been climbed vet.

Review 2: Units 3-4 p. 48

Where is 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 fact file about your country or another country.

Learn and speak about crossing the world's largest glaciers.

Get exercise

Fantastic Festivals p. 57

a.m., century, fall, hours, midnight, minutes month noon p.m., seconds, spring, summer, winter Readina: mixture poured, seafood, skin, ropical 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 Boryeona Mud Festival in Korea. Write an advertisement for an event.

▶ Learn and speak about festivals from around the world.

Learn about other cultures.

Function 2 Agreeing and disagreeing p. 65 School Trip 2 Franz Josef Land, Russia p. 66 Review 3: Units 5-6 p. 68



Extreme

accident, beginner, challenging, concentrate experience, experts, large, routes Reading: flows, specially, steep, steeply

Grammar 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 to kayak. Why are you talking to yourself?

Skills

Listen to an interview about rock climbing. Read about whitewater kayakina Write an article about an extreme sport. (Example 2) Learn and speak about splitboarding.

Be responsible.

Tales of Survival p. 77

Sports

p. 69



battery, charge, dead, expedition, frightening, hard, horrible, realized.

Reading: alive, kindness, stranger, treatment

Reading Extra 2 Anansi the Wise p. 86

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.

Learn and speak about famous expeditions.

Write survival tips.



Be kind to others.

Explorina the World p. 89



Game 2 p. 85

backpack, bite, brave, decide, had the chance, hear, meet, prefer, run out, stina 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 hunary. Would Philip have found the tooth if he had stayed indoors?

Review 4: Units 7-8 p. 88

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.

(Example 2) Learn and speak about the discovery of a shipwreck



Listen to an interview about the City of Arts

Be on time

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 fascinatina movie 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.

and Sciences in Valencia, Spain, Read about International Museum Day. Write a diary entry about a day at a favorite museum.

▶ Learn and speak about famous museums.



Be curious.

Function 3 Responding to invitations and making plans p. 105 School Trip 3 Climbing China's Amazing Limestone Rocks p. 106 Review 5: Units 9-10 p. 108

Verv Mysterious! p. 109



GPS, migrate, mystery, position, recognize sight, smell, solve Reading: appeared, crashina, horror, imagine

The presenter asked the expert why he liked birds. floatina man

The student asked what the birds ate. Mark told his friends to look at the

Rashid asked me to explain the mystery of the flying cars to him.

I wish I lived by the ocean.

Lwish Loculd be a successful

Listen to an interview about the mystery of bird migration. Read about three mysterious events.

or movie Learn and speak about bark

scorpions





p.117

opportunity ordinary perhaps, relax, successful, sunrise, sunset Reading: attraction, hang out, natural, resort

clear, luxurious,

photographer Watch out! It's a long way down.

Write a review • Learn and speak about famous places around the world.



3

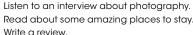
Reading Extra 3 Fascinating Facts About the First Emperor of China p. 126 **Game 3** p. 125

Look **Further**

BONUS Reading Extra The Man Who Never Told a Lie p. 132 BONUS Game p. 134

Write a summary of a book, TV program,

Find out for yourself.



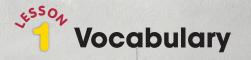


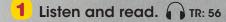
Review 6: Units 11-12 p. 128



Look at the photo. Discuss the questions.

- **1.** What's happening in this photo?
- 2. What do you think you would need to help you survive in this situation?
- **3.** What do you think the man in the photo should do next?

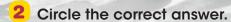




An eleven-year-old boy named Josh Hopkins from Nova Scotia in Canada had a frightening experience when he realized he was lost in the woods. His phone battery was almost dead, but Josh was able to send one text message to his mom.

Josh had a horrible time waiting, but help was on its way. His text message had given information about where he was and a team of people set off on an expedition to search for him, rescue him, and bring him safely home. Night fell and it became very dark, so it was hard to see, but Josh had a good idea. The inside of his jacket was orange, so he turned it inside out and it helped the rescue team to find him.

After his adventure, Josh's advice to all explorers is: wear bright colors, make sure you charge your phone, and tell someone where you're going.



- 1. It was scary for Josh when he realized / charged he did not know where he was.
- 2. The expedition / battery of Josh's phone was almost hard / dead, so he couldn't use it.
- 3. When it was dark, it was hard / horrible to see. It was very dead / frightening.
- 4. In the future, Josh will always make sure he has charged / searched his phone.

3 Listen to the podcast about Ernest Shackleton's expedition. Number the events in the correct order.

TR: 57

A. Four and a half months later, the men on Elephant Island were rescued. They had all survived.

____ B. A boat was sent to rescue the three men.

- C. The ship got trapped and Shackleton and the other men had to pull three lifeboats across the ice.
- D. Ernest Shackleton set off on an expedition to try and cross Antarctica.
- E. Shackleton and five other men had a frightening trip to South Georgia Island to find help.
- _ F. Three men stayed behind while Shackleton and two others walked for 36 hours across high mountains to the other side of the island.
- G. They arrived on Elephant Island, but there was no help there.

Shackleton and the men on his ship used ice and ropes to help guide them when it became dark.



1 Study the grammar box.

Past perfect affirmative statements had + past participle

We use the past perfect to talk about something that happened before another action or time in the past.

No one had ever crossed these mountains before.

After the men **had landed** safely, they ate dinner.

Read and circle the past perfect verbs.

The ship could not move as the water had frozen around it. The men started to pull the lifeboats across the ice. When they had all arrived on Elephant Island, Shackleton and five other men set off across the ocean to South Georgia. After they had landed, three men waited while Shackleton and the two other men walked across the mountains to find help. When they arrived on the other side of the island, they were able to send a boat to rescue the three men. When spring came, Shackleton went back to find the men on Elephant Island. He didn't know what he would find, but luckily, all of the men had survived.

3	Complete the sentences with the verbs in parentheses. Use the pas
	perfect for the actions that happened first. Use the simple past for
	the actions that happened second.

1. After the me	en <u>had pulled</u> (pull) the lifeboats across	the ice, they
arrived	(arrive) at the island.	
2 They	(set off) for home after they	(rescue

 111Cy	(100000)
everyone.	

3. At the beginning of the	e expedition, the weather	(be) horrible
but later it	(improve).	

4. After they	(rest) for twenty minutes, they	(S	itart)
walking again.			

5. They	(camp) by a river after they	$_{}$ (cross) the
desert.		

6. After they	$_{-\!-\!-}$ (eat) all their food, they $_{-\!-\!-}$	(want) to go
home.		

4 Work in pairs. Complete the sentences. Use the past perfect.

2. By the time I got home yesterday, I was tired because $_$	
--	--

5. E	ЗУ	the	time	l finished	my	nomework	<i>-</i>
------	----	-----	------	------------	----	----------	----------

Reading

- 1 Look at the photo and read the title of the text. Who is the woman in the photo? What do you think the text will be about?
- 2 Listen and read. TR: 58

The Kindness of Strangers

Alison Wright has an exciting job. She's a photojournalist with National Geographic. She's been taking photos all over the world for many years, and she loves traveling. In fact, she was named a 2013 National Geographic Traveler of the Year.

Traveling is exciting, but sometimes it can be hard. Several years ago, Alison was in a horrible bus accident in Laos. A truck hit the bus and it caught fire. She was rescued by two tourists who pulled her out of the bus and took her to a nearby village. The people in the village took care of her as much as they could, but there weren't any doctors and there was no medicine, and she needed to get to a hospital. She was badly hurt. She had broken a lot of bones, so she couldn't walk.

New words: stranger treatment kindness alive

- 3 Read again. Write T (true) or F (false). Correct the false sentences.
 - 1. Alison Wright is a doctor.
 - 2. She was in an accident when she was traveling in Laos.
 - 3. Some tourists helped her get out of the bus.
 - 4. There were a lot of doctors in the nearby village.
 - 5. A friend drove her to a hospital.
 - 6. Alison's goal was to climb a mountain in Thailand.
 - **7.** She says she survived the accident because of the kindness of strangers.

VALUE Be kind to others.

Fortunately, a **stranger** offered to help her. Alison hadn't met him before, but he drove her for eight hours to a hospital in Thailand where she was able to receive the **treatment** she needed. Slowly, she started to recover.

Alison had a frightening experience and she almost didn't survive. She had a goal, and this goal helped her to get better. Her goal was to climb Mount Kilimanjaro in Tanzania, and just a few years after her accident, she did it!

Alison has never forgotten the **kindness** of the strangers who helped her. She says she's **alive** today because of the kindness of strangers.

Alison Wright is a photojournalist with National Geographic.



1 Study the grammar box.

Past perfect: negative statements and questions

Alison hadn't met the man before.

Where had she been before she got to Thailand?

Had she broken any bones in the accident?

Complete the sentences with the verbs in parentheses. Use the past perfect for the actions that happened first. Use the simple past for the actions that happened second.

	_ (not / know) anything about Alison (read) the text.
	(be) dark in the house, because (not / turn on) the lights.
	(not / be) to Mexico before she . (visit) her friend Rosa there last
	(not / charge) his phone battery (set off) on his journey.
5.	$_{-}$ (not / do) well on the test, because $_{-}$ (not / study).

Work in pairs. Ask each other questions. Use the past perfect, the words from the box, and your own ideas.

Had you...?

climb a mountain eat pizza

have a pet hear of Ernest Shackleton

learn to swim make pancakes ride a bike study English

travel by plane

before you came to this school by the time you were seven years old

4 Tell the class about your partner.

By the time Elea was seven years old, she'd ridden a bike. She hadn't traveled by plane.



Writing Survival Tips

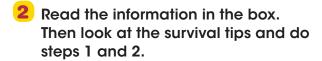


1 Read the survival tips. Then do steps 1 and 2.

- 1. Make a list of the things you need to wear or take with you.
- 2. Think of another tip to add to the list.

Survival Tips for Hiking in the Snow

- Wear warm clothes, such as a hat and thick socks.
- Don't forget to put on sun block to protect your skin. (You can still burn even when it's cold and cloudy.)
- · Wear sunglasses to protect your eyes. (The sun can damage your eyes even in the winter.)
- · If possible, bring a hot drink.
- Bring a lot of food so that you don't get
- Make sure you have a good, warm sleeping bag if you're camping.
- Tell someone where you're going so that he/she can find you if something goes
- Set off on time so that you don't have to walk in the dark.
- Don't forget to charge your phone so that you can call home if you need to.
- Have a great time!



Tips for survival—or for anything—need to be clear and easy to read. We use imperatives, for example:

Don't forget..., Remember..., Wear..., Make sure...

It's also helpful to explain why people should do (or not do) something.

- 1. Circle the imperatives.
- 2. Some tips explain why you should follow the instruction. Underline these explanations.
- **3** Writing Skills Giving reasons
 - a. Read the information in the box. Then complete the sentences with so that or to.

We use to (in order to) to explain the purpose of something.

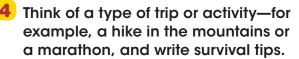
We use so or so that to explain what will happen (or won't happen) if people follow the instruction.

- 1. Wear a hat keep your head warm.
- 2. Bring a map find your route.
- 3. Set off early_ you don't have to walk in the dark.
- b. Complete the sentences with your own ideas.

1.	Take a cell phone on your expedition
	so that

2. Take some gloves to	2.	Take	some	aloves to	
------------------------	----	------	------	-----------	--

- 3. Don't forget to take some money so that
- 4. Remember to take a camera to





2 Watch the video again. Write T (true) or F (false). Correct the false sentences. ▶ Video 10

- 1. Amyr Khan Klink traveled from Brazil to Argentina on a motorcycle.
- 2. His trip across the South Atlantic took 300 days.
- 3. He's traveled to Antarctica about 15 times.
- 4. Sarah Outen traveled around the world.
- 5. She rode her bicycle for part of the trip.
- **6.** Santiago Tito made an expedition to the South Pole.
- 7. He made his expedition because he wanted to study penguins.

3 Work in groups. Discuss the questions.

- 1. Which information did you find most interesting and why?
- **2.** Do you know of any expeditions made by someone from your country? What's the person's name? What did he/she do?
- 3. If you could go anywhere on an expedition, where would you go and why?