



**NEW**

Reading and  
Vocabulary  
Development

**1**

## *Facts and Figures*

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# Scope and Sequence

Unit	Lesson	Vocabulary Area	Grammar Activities	Reading Skills	Speaking Hint
1 The Animal Kingdom	1 <b>An Australian Surprise: The Koala Bear</b> <i>Page 10</i>	Animals and Numbers	Subject-verb Agreement	Identifying Referencing with Pronouns	Giving Examples
	2 <b>A Cold Swimmer</b> <i>Page 16</i>	Weather and the Arctic	Possessive Pronouns	Scanning for Places	Giving Reasons
	3 <b>The Dolphin</b> <i>Page 22</i>	Sea Life and Communication	Conjunction: <i>but</i>	Guessing Meaning from Context	Contractions
2 Human Behavior	1 <b>Why Do We Yawn?</b> <i>Page 30</i>	Feelings and Movement	<i>Do / Does</i>	Scanning for Repetitive Vocabulary	Listing
	2 <b>Happy Medicine</b> <i>Page 36</i>	Good Times and Relaxation	Relative Pronoun: <i>that</i>	Skimming for the Main Idea of a Paragraph	Introducing Opinions
	3 <b>Dream a Little Dream</b> <i>Page 42</i>	Sleeping and Dreaming	<i>There is / There are</i>	Predicting	Sequencing
1-2	<b>Review</b> <i>Page 48</i>	Vocabulary Review; Word Definitions; Word Forms			
3 Agricultural History	1 <b>Bamboo</b> <i>Page 52</i>	Past and Present	Past Simple Tense	Skimming for Identifying Topic Sentences	Speculating
	2 <b>The Everyman Food</b> <i>Page 58</i>	Countries and Continents	People and Places	Scanning for Continent Names	Giving Reasons
	3 <b>The Green Power: Kiwifruit</b> <i>Page 64</i>	Food and Health	Verb + Infinitive / Gerund	Skimming to Recognize Text Organization	Sound Like a Native Speaker
4 The Sound of Music	1 <b>Unstoppable Gangnam Style</b> <i>Page 72</i>	Popular Music	Prepositions of Time	Scanning for Numbers	Responding to Opinions
	2 <b>Old Time Rock 'n Roll</b> <i>Page 78</i>	Musical Performers and Recordings	Adverbs (-ly)	Guessing Meaning from Context	Clarification
	3 <b>A Rapper's Dream</b> <i>Page 84</i>	Hip-hop and Dance	Past Simple Tense (Irregular Verbs)	Recognizing a Sequence of Events	Intonation
3-4	<b>Review</b> <i>Page 90</i>	Sentence Completion; Past Simple Tense; Choosing the Correct Definition			

Unit	Lesson	Vocabulary Area	Grammar Activities	Reading Skills	Speaking Hint
5 Work	1 <b>The Most Exciting Job in the World</b> <i>Page 94</i>	Jobs and Travel	Conjunction: <i>so</i>	Scanning for Names	Sentence Stress
	2 <b>A Reason for Working</b> <i>Page 100</i>	Jobs and Work Benefits	Superlatives	Identifying Definitions of Words	Phonetics
	3 <b>Modern Workers</b> <i>Page 106</i>	Schedules and Salaries	Present Continuous Tense	Skimming for Main Ideas	Past Tense Endings
6 Leisure Activities	1 <b>Bike Riding</b> <i>Page 114</i>	Bicycles and Cityscapes	Modal Verbs	Skimming for the Main Idea of a Paragraph	Time to Think
	2 <b>Playing Online</b> <i>Page 120</i>	Online Games and the Internet	Plural Nouns	Skimming for Paragraph Topics	Final S Sounds
	3 <b>Cosplay</b> <i>Page 126</i>	Anime and Costumes	Phrasal Verbs	Scanning for Details	Word Stress with Prefixes and Suffixes
5-6	<b>Review</b> <i>Page 132</i>	Word Choice; Paragraph Completion; Vocabulary Development			
7 Native Cultures	1 <b>A Watery Thai New Year</b> <i>Page 136</i>	Celebrations	Prepositions of Place: <i>in, at, and on</i>	Guessing Meaning from Context	Long Vowel Sounds
	2 <b>The Ainu Live On</b> <i>Page 142</i>	Appearance and Ways of Life	Compound Nouns	Skimming and Scanning for Supporting Details	Stress in Compound Words
	3 <b>The Maori</b> <i>Page 148</i>	Culture and Occasions	Adjective/ Noun Collocations	Scanning for Details	Reduced Sounds
8 Incredible Journeys	1 <b>The Longest Distance: Kevin Lin</b> <i>Page 156</i>	Difficult and Special Journeys	Relative Pronoun: <i>which</i>	Scanning for Information	Adding Details
	2 <b>A Gift with a Long Neck</b> <i>Page 162</i>	Leadership and Gifts	Verb/Noun Collocations	Scanning for Facts	Question Tags
	3 <b>A Lone Journey</b> <i>Page 168</i>	Communication and Equipment	Reflexive Pronouns	Scanning for Facts and Numbers	Question Intonation with Auxiliary Verbs
7-8	<b>Review</b> <i>Page 174</i>	Word Choice; Word Forms; Finding Synonyms and Antonyms			
<b>Vocabulary List</b> <i>Page 176</i>					
<b>Irregular Verbs</b> <i>Page 180</i>					



# 2 A Cold Swimmer

## Learning Objectives

- To use scanning skills to find names of places
- To understand and use new vocabulary related to the weather and the Arctic
- To practice using possessive pronouns



## ★ Warm-up

### A. Before Reading

Look at the questions and choose the best answer.

- How many countries have land inside the Arctic Circle?  
a. six                      b. one                      c. three                      d. eight
- Which country has land nearest to the North Pole?  
a. Greenland              b. Canada                  c. Russia                      d. the Arctic Circle
- What do polar bears eat?  
a. penguins                  b. fish                      c. snow                      d. turtles

### B. Context Clues

For each sentence, circle the answer that means the same as the word in bold. Do not use your dictionary. The bold words are new in this lesson.

- My friend is not very big. Her **weight** is only thirty-eight kilograms.  
a. tallness                  b. smallness                  c. largeness                  d. heaviness
- The panda bear has a black and white **coat**.  
a. fur                          b. color                      c. eyes                          d. tail
- I am **afraid** of dogs because some bite you. A bite hurts a lot!  
a. dangerous                  b. scared                      c. painful                      d. hungry

## ★ Reading

### A. Reading Skill: Scanning for Places

**Scanning** is looking for something specific in a text. Use your finger or your pen to follow the lines backward and forward to look for names, numbers or other specific information. Scanning helps to find specific information quickly when looking at things like schedules and lists.

Scan the text and answer the following questions.

- 1 How many times do you see the phrase *North Pole* in the text?  
\_\_\_\_\_
- 2 How many times does the phrase *Arctic Circle* appear?  
\_\_\_\_\_
- 3 Scan and write down all the other places found in the text.  
\_\_\_\_\_

### B. Main Text



1 The polar bear is a very big white bear. We call it the polar bear because  
it lives inside the **Arctic Circle**. The Arctic Circle is near the **North Pole**. There  
are no polar bears at the **South Pole**. The polar bear lives in a place with  
5 **snow** and **ice**. At the North Pole, there is **only** snow, ice, and water. There is  
no **land**.

People cannot see the polar bear in the snow very well because its **coat** is  
yellow-white. It has a very **warm** coat because the **weather** is very cold north  
of the Arctic Circle. Interestingly, its skin is black. Polar bears also have a lot  
of **fat** under their skin. The coat, black skin, and fat help keep the bear warm.

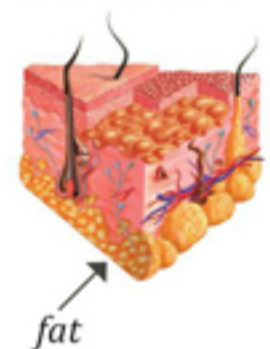
10 This bear is three meters long, and it can grow to be **about** 450 kilograms  
in **weight**. It can stand up on its back legs because it has very **wide** feet. Polar  
bears use their front legs like arms. The polar bear can swim very well. It can  
swim 120 kilometers out into the water. The longest a polar bear swam was  
354 kilometers (220 miles). It **catches** fish and other sea animals for food. It  
15 also goes into the sea when it is **afraid**. Polar bears sometimes fight brown  
bears. The oldest polar bear was 32 years old. Most polar bears die before  
they are 25 years old.

20 Like the panda, some people want to kill the polar bear. They want its  
beautiful white coat. Some people also eat the meat. Other people use the fat  
for cooking. The government of Norway says that no one can kill polar bears  
now. Many other countries say the same thing. They do not want all these  
beautiful animals to die.



*land:*  
on earth but not  
water

*coat:*  
fur on the skin



## ★ Comprehension

### A. Main Idea

Which is the main idea of the text?

- People like to kill polar bears because they have beautiful yellow-white coats.
- Animals live north of the Arctic Circle in the snow and ice and eat fish and sea animals.
- Yellow-white coated polar bears live in the Arctic Circle and eat fish and sea animals.

### B. Short Answer Questions

Answer the questions using information from the text.

- ① Why do we call the big white bear *the polar bear*?

\_\_\_\_\_

- ② Why can't people see the polar bear very well?

\_\_\_\_\_

- ③ Why does the polar bear have a warm coat?

\_\_\_\_\_

- ④ Where does the polar bear go when it is afraid?

- ⑤ Why do some people want to kill the polar bear?

\_\_\_\_\_

### C. Multiple Choice Questions

Circle the best answer.

- ① The polar bear lives \_\_\_\_\_.

a. at the South Pole

b. in warm countries

c. near the North Pole

d. on land only

- ② At the North Pole, there is no \_\_\_\_\_.

a. ice

b. snow

c. water

d. land

- ③ People cannot see the polar bear in the snow very well because \_\_\_\_\_.

a. it has a yellow-white coat

b. it goes under the snow

c. it can run very fast

d. it goes into the water

- ④ The polar bear's skin is \_\_\_\_\_.

a. black

b. yellow

c. white

d. fat

- ⑤ The polar bear \_\_\_\_\_ for food.

a. catches land animals

b. looks for snow

c. catches sea animals and fish

d. looks for fruit and vegetables

- 6 When the polar bear is afraid, it \_\_\_\_\_.  
 a. goes into the water  
 b. goes under the snow  
 c. runs away  
 d. stands up on its wide feet
- 7 The polar bear does not like \_\_\_\_\_.  
 a. water  
 b. fish  
 c. brown bears  
 d. ice
- 8 The government of Norway says that \_\_\_\_\_.  
 a. the polar bear is like the panda  
 b. people can kill the polar bear  
 c. a person cannot kill a polar bear  
 d. they want its white coat

## ★ Vocabulary

### A. Word Definitions

Match each word with the correct definition.

- |       |           |  |
|-------|-----------|--|
| _____ | 1 snow    | a not too hot                            |
| _____ | 2 ice     | b solid water below zero degrees Celsius |
| _____ | 3 only    | c soft white ice of different shapes     |
| _____ | 4 warm    | d how heavy something is                 |
| _____ | 5 weather | e from side to side; large               |
| _____ | 6 about   | f to take hold of something              |
| _____ | 7 weight  | g frightened or scared of something      |
| _____ | 8 wide    | h the conditions outside                 |
| _____ | 9 catch   | i no more and no less                    |
| _____ | 10 afraid | j around; somewhere near                 |

### B. New Context

Read and complete the sentences using words from the box.

snow	ice	only	warm	weather
about	weight	wide	catch	afraid

- 1 Polar bears \_\_\_\_\_ live in the North Pole and not in the South Pole.
- 2 How much is the \_\_\_\_\_ of a panda? Maybe 80 kilograms?



- ③ I like to stay \_\_\_\_\_ inside my house when it is cold outside.
- ④ She is \_\_\_\_\_ 25 years old. Maybe she is 24 or 27.
- ⑤ I like to \_\_\_\_\_ butterflies in the forest next to my house.
- ⑥ Do you want some \_\_\_\_\_ in your soft drink?
- ⑦ These shoes are no good. They are too \_\_\_\_\_.
- ⑧ The \_\_\_\_\_ outside is hot and sunny.

### C. Fun with Words

The **suffix -ly** makes an adjective into an adverb. Adverbs describe verbs and adjectives, and can introduce sentences.

**Example:** *interesting (adjective) → interestingly (adverb)*

*The teacher explained the new vocabulary **interestingly**.*

Complete the sentences with an adverb from the box.

easily

quickly

boringly

slowly

badly

prettily

cutely

sweetly

- ① I did the homework \_\_\_\_\_.
- ② I run \_\_\_\_\_.
- ③ I dance \_\_\_\_\_.
- ④ I sing \_\_\_\_\_.
- ⑤ I drive \_\_\_\_\_.



## ★ Grammar

### A. Possessive Pronouns

You can use **possessive pronouns** to show that something belongs to somebody or something.

Singular	Plural
I - my	we - our
you - your	you - your
she - her	they - their
he - his	
it - its	

**Examples:** Polar bears use **their** front legs like arms.  
She has a new dress. **Her** dress is yellow.





Fill in the spaces with the missing possessive pronoun.

- ① Maria likes \_\_\_\_\_ classes this year.
- ② I use \_\_\_\_\_ dictionary every day.
- ③ We go to university on \_\_\_\_\_ bicycles.
- ④ Do you have \_\_\_\_\_ books with you?
- ⑤ A mammal feeds \_\_\_\_\_ babies milk.



## ★ Discussion

Ask and answer the following questions.

- ① The polar bear has white hair. What other animals have white hair?
- ② Can a polar bear live in your country? Why / Why not?
- ③ The polar bear can live where it is cold. Do you want to live in a cold place?
- ④ Are you afraid of any animals? Why / Why not?
- ⑤ Are there any dangerous animals in your country?

## Speaking Hint:

**Giving Reasons:** Use *because* or *since* to give reasons and make your answers longer.

*Yes, it is because . . . (reason).*

*No, it can't since . . . (reason)*

## ★ Facts & Figures

There are many animals that live in the Arctic. The Arctic Fox and the Arctic Hare are two interesting animals that live there.

Do some research and complete the table.



Arctic Fox



Arctic Hare

	Height	Weight	Color
Arctic Fox	25-30 cm (10-12 in)	_____	white in winter and brownish gray in summer
Arctic Hare	_____	4-5.5 kg (9-12 lbs)	white in winter and brown in summer

