

Chapter 1 Places

Unit 1 Lake Baikal, the Blue Eye of Siberia

Vocabulary in Context

A

- 1 sustain
- 2 vast
- 3 volume
- 4 sediment
- 5 exile
- 6 crescent

B

- 1 d
- 2 b
- 3 a

Reading Skill

- ❶ natural wonders
- ❷ by volume
- ❸ fresh water
- ❹ surrounding region

Reading Comprehension

- 1 d
- 2 b
- 3 Because it is the deepest lake in the world
- 4 a
- 5 c
- 6 It has closed a paper mill, rerouted an oil pipeline away from the lake, and provided more funds to protect it.
- 7 b

Summary

- ❶ vast region
- ❷ deepest lake
- ❸ unfrozen fresh water
- ❹ species of plants
- ❺ pollution and oil spills

Language Focus

- 1 (Being) Built of wood, the house was clearly a fire risk.

2 (Being) Looked after carefully, the plant can live through the winter.

3 (Being) Annoyed by the boys' behavior, she complained to the principal.

Unit 2 The Harbor of Rio De Janeiro

Vocabulary in Context

A

- 1 recognition
- 2 hunchback
- 3 intervention
- 4 debase
- 5 urbanization
- 6 colony

B

- 1 c
- 2 a
- 3 b

Reading Skill

- ❶ human intervention
- ❷ river of January
- ❸ established the city
- ❹ natural environment

Reading Comprehension

- 1 a
- 2 It means the river of January.
- 3 d
- 4 b
- 5 Because it resembles a hunchback
- 6 a
- 7 d

Summary

- ❶ geological pace
- ❷ has been modified
- ❸ French colonizers
- ❹ the capital of Brazil
- ❺ reduce the damage

Language Focus

- 1 They called the harbor Rio de Janeiro, which means

the river of January.

2 I recently talked to Mr. Richmond, who lectures in art at the local college.

3 One step is the closure of one of the world's largest landfills, which is located near the harbor.

Chapter 2 Social Issues

Unit 3 The Global Refugee Crisis

Vocabulary in Context

A

- 1 relief
- 2 uproot
- 3 humanitarian
- 4 persecution
- 5 asylum seeker
- 6 sanitation

B

- 1 b
- 2 c
- 3 c

Reading Skill

- ❶ their homelands
- ❷ persecution or pressure
- ❸ are displaced
- ❹ providing access

Reading Comprehension

- 1 d
- 2 It is a person who escapes to another region or country due to events that disturb public order.
- 3 c
- 4 d
- 5 It provides them with clean food and water, sanitation and healthcare services.
- 6 d
- 7 a

Summary

- ❶ uprooted from
- ❷ humanitarian organizations
- ❸ leave their homeland

❹ asylum seekers

❺ social services

Language Focus

- 1 You have to show your ticket to the woman at the gate.
- 2 The UNRWA offers education and social services to these people.
- 3 A lot of banks are unwilling to lend large amounts of money to new businesses.

Unit 4 Too Many College Graduates

Vocabulary in Context

A

- 1 welder
- 2 hover
- 3 labor
- 4 compound
- 5 vocational
- 6 minimum wage

B

- 1 a
- 2 d
- 3 b

Reading Skill

- ❶ college degree
- ❷ find jobs
- ❸ remain vacant
- ❹ unemployment rate

Reading Comprehension

- 1 c
- 2 Because the number of college graduates is more than the number of jobs requiring college degrees
- 3 d
- 4 b
- 5 Because of a lack of skilled workers (and because few degree holders are willing to work them)
- 6 d
- 7 d

Summary

- ❶ college degrees
- ❷ low-paying jobs
- ❸ their student loans
- ❹ skilled labor jobs
- ❺ vocational training

Language Focus

- 1 In my opinion, the finest wines are those from Italy.
- 2 A dog's intelligence is much greater than that of a cat.
- 3 Hemingway's novels are more entertaining than those of Dickens.

Chapter 3 Art & People

Unit 5 Andy Warhol, Inventor of Pop Art

Vocabulary in Context

A

- 1 commercial
- 2 mass-produced
- 3 churn out
- 4 devote
- 5 disorder
- 6 prolific

B

- 1 c
- 2 a
- 3 b

Reading Skill

- 5 - ❶ prolific artist
- 4 - ❷ pop culture
- 2 - ❸ magazine industry
- 1 - ❹ pictures of celebrities
- 3 - ❺ mass-produced images

Reading Comprehension

- 1 d
- 2 b
- 3 a

4 Warhol meant that his artwork has no deeper meaning.

5 d

6 It is the largest museum in the United States displaying artwork from one artist.

7 b

Summary

- ❶ media and celebrities
- ❷ commercial artist
- ❸ mass-produced items
- ❹ no deeper meaning
- ❺ a single artist

Language Focus

- 1 Having spent her childhood in Berlin, she knew the city well.
- 2 Having found a hotel, we looked for some place to have dinner.
- 3 Having already seen the movie twice, I didn't want to go again with my friends.

Unit 6 What Is Pop Music?

Vocabulary in Context

A

- 1 oriented
- 2 corporate
- 3 verse
- 4 aim at
- 5 synthesizer
- 6 hook

B

- 1 a
- 2 c
- 3 a

Reading Skill

- ❶ a clear origin
- ❷ in the U.S.
- ❸ medium tempo songs
- ❹ Regional varieties

Reading Comprehension

- 1 c
- 2 Any music that is distinct from classical, jazz, and rock music.
- 3 a
- 4 Because they aim to appeal to as many people as possible
- 5 d
- 6 b
- 7 d

Summary

- ❶ Early pop songs
- ❷ aimed at teenagers
- ❸ good rhythms
- ❹ faster tempo
- ❺ lacking creativity

Language Focus

- 1 The hotel that we had booked turned out to be a luxury one.
- 2 Normally I don't like wearing a scarf, but it was so cold that I put one on.
- 3 I answered most of the questions, but had to skip some very difficult ones.

Chapter 4 Food & Environment

Unit 7 Staple Foods Around the World

Vocabulary in Context

A

- 1 edible
- 2 cultivate
- 3 dominant
- 4 macronutrient
- 5 temperate
- 6 staple

B

- 1 c
- 2 d
- 3 b

Reading Skill

- ❶ without decaying
- ❷ produced crop
- ❸ warm, wet regions
- ❹ temperate climates

Reading Comprehension

- 1 d
- 2 Because they make up the dominant portion of people's diets
- 3 c
- 4 b
- 5 d
- 6 It was first grown in the Fertile Crescent, which was located south of Turkey from Egypt to Iraq.
- 7 c

Summary

- ❶ dominant portion
- ❷ readily available
- ❸ food supply
- ❹ more than half
- ❺ the Fertile Crescent

Language Focus

- 1 to have forgotten
- 2 to have lost
- 3 to be

Unit 8 Free-Range Farming

Vocabulary in Context

A

- 1 humane
- 2 forage
- 3 slaughterhouse
- 4 roam
- 5 susceptible
- 6 specify

B

- 1 a
- 2 c
- 3 d

Reading Skill

- ❶ roam outside
- ❷ get exercise
- ❸ healthier and tastier
- ❹ become sick

Reading Comprehension

- 1 d
- 2 It refers to a farming system that allows animals to roam outdoors during the daytime.
- 3 a
- 4 d
- 5 Because they are not given growth hormones or antibiotics
- 6 d
- 7 c

Summary

- ❶ part of their days
- ❷ forage for food
- ❸ from the sun
- ❹ too vague
- ❺ receive antibiotics

Language Focus

- 1 John was asked to mail those letters tomorrow.
- 2 The renovation is expected to be completed by the end of August.
- 3 The animals are allowed to spend some time outdoors during the daytime.

Chapter 5 Science

Unit 9 The Spaceship Cemetery

Vocabulary in Context

A

- 1 meticulously
- 2 cemetery
- 3 inaccessibility
- 4 debris
- 5 decommissioned
- 6 gravitational

B

- 1 c
- 2 b
- 3 a

Reading Skill

- ❶ decommissioned spaceships
- ❷ populated areas
- ❸ gravitational pull
- ❹ extensive calculations

Reading Comprehension

- 1 b
- 2 It is located there because there is almost no chance of debris crashing into populated areas.
- 3 b
- 4 b
- 5 It is over 100 meters long and weighs more than 500 tons.
- 6 c
- 7 a

Summary

- ❶ Southern Pacific Ocean
- ❷ its inaccessibility
- ❸ landing in the cemetery
- ❹ drag the craft
- ❺ a greater challenge

Language Focus

- 1 Her illness was far more serious than we thought at first.
- 2 The shops are always much more crowded just before Christmas.
- 3 It's a lot easier to learn a foreign language in a country where it is spoken.

Unit 10 Ancient Chinese and Egyptian Astronomy

Vocabulary in Context

A

- 1 align
- 2 reverse

- 3 catalog
- 4 observatory
- 5 burial
- 6 constellation

B

- 1 c
- 2 d
- 3 a

Reading Skill

- ❶ map the sky
- ❷ large observatories
- ❸ astronomical phenomena
- ❹ priestly roles
- ❺ essential information

Reading Comprehension

- 1 d
- 2 a
- 3 Because modern telescopes send an object's light to a computer and it forms images of planets or stars
- 4 b
- 5 They observed Halley's Comet, a nova, sunspots, and meteor showers.
- 6 a
- 7 b

Summary

- ❶ pictures of the planets
- ❷ special buildings
- ❸ the Nile River
- ❹ devised calendars
- ❺ locations of the pyramids

Language Focus

- 1 The valley in which the town lies is heavily polluted.
- 2 There are a number of safety procedures of which you should be aware.
- 3 Details are in the instruction manual with which the camera was supplied.

Chapter 6 Business & Marketing

Unit 11 Advertising in the Internet Age

Vocabulary in Context

A

- 1 potential
- 2 integrate
- 3 embed
- 4 jingle
- 5 banner ad
- 6 budget

B

- 1 c
- 2 d
- 3 d

Reading Skill

- ❶ potential customers
- ❷ control the content
- ❸ advertising budgets
- ❹ integrate advertisements

Reading Comprehension

- 1 c
- 2 b
- 3 It is different because it allows users to control the content they see.
- 4 d
- 5 They are radio, newspapers, magazines, and television.
- 6 d
- 7 a

Summary

- ❶ advertising budgets
- ❷ control over
- ❸ website's content
- ❹ embedding advertisements
- ❺ alongside posts

Language Focus

- 1 They arrived too late to get seats.
- 2 There are too many people here for me to talk to all

of them.

3 The suitcase was too small for him to get all his clothes in.

Unit 12 Customized Online Ads

Vocabulary in Context

A

- 1 relevant
- 2 opt out of
- 3 make for
- 4 contend
- 5 packet
- 6 customize

B

- 1 c
- 2 b
- 3 a

Reading Skill

- ❶ more relevant
- ❷ see ads
- ❸ packet of information
- ❹ search preferences

Reading Comprehension

- 1 b
- 2 that they make for a better browsing experience
- 3 a
- 4 d
- 5 Because cookie tracks people's search preferences on their computer
- 6 c
- 7 b

Summary

- ❶ some drawbacks.
- ❷ key words
- ❸ provide free content
- ❹ users' privacy
- ❺ from cookies

Language Focus

- 1 She does look so beautiful in her wedding dress.
- 2 My memory isn't very good, but I do remember what she was wearing.
- 3 I don't get much exercise now, but I did play football a lot when I was younger.

Chapter 7 Animals

Unit 13 Why Can't Ostriches Fly?

Vocabulary in Context

A

- 1 outclass
- 2 rump
- 3 attribute
- 4 predator
- 5 stimulus
- 6 beak

B

- 1 c
- 2 b
- 3 b

Reading Skill

- ❶ superior to
- ❷ physical characteristics.
- ❸ flat breastbone
- ❹ power of flight

Reading Comprehension

- 1 c
- 2 It uses the claws on its feet to defend itself.
- 3 b
- 4 c
- 5 b
- 6 Because the predators they would have flown away from disappeared from their environment
- 7 c

Summary

- ❶ claws on their feet
- ❷ the keel bone
- ❸ short wings

- ④ more feathers
- ⑤ disappeared from

Language Focus

- 1 My rock flew the highest of all the rocks.
- 2 Love is the most important thing in the world.
- 3 The Atacama Desert is the driest place on Earth.

Unit 14 The Swimming Nose

Vocabulary in Context

A

- 1 submerge
- 2 misconception
- 3 grip
- 4 undertake
- 5 adept
- 6 fin

B

- 1 d
- 2 c
- 3 b

Reading Skill

- ① a dangerous predator
- ② bees or wasps
- ③ thousands of sharks
- ④ studying them underwater.

Reading Comprehension

- 1 a
- 2 People usually think of sharks as harmful predators.
- 3 d
- 4 b
- 5 Because its nonslip surface provided a good grip
- 6 a
- 7 a

Summary

- ① skins and organs
- ② tiny teeth-like objects
- ③ Shark liver oil
- ④ well-developed senses

- ⑤ during the nighttime

Language Focus

- 1 high
- 2 high
- 3 highly
- 4 highly

Chapter 8 History & Origins

Unit 15 The First Modern Olympics

Vocabulary in Context

A

- 1 overrun
- 2 countryman
- 3 reinvigorate
- 4 aristocrat
- 5 delegate
- 6 step in

B

- 1 a
- 2 c
- 3 b

Reading Skill

- 2 - ① French aristocrat
- 5 - ② win the marathon
- 3 - ③ A Greek businessman
- 1 - ④ invaded France
- 4 - ⑤ 14 countries

Reading Comprehension

- 1 c
- 2 d
- 3 Because there were funding problems in Greece
- 4 b
- 5 d
- 6 It was the same route run by a Greek soldier who declared Greece's victory over Persia.
- 7 b

Summary

- ❶ German army
- ❷ fighting wars
- ❸ revive the Olympics
- ❹ held in Greece
- ❺ over forty events

Language Focus

- 1 It was my uncle that[who] took Peter to New York yesterday.
- 2 It was in 1876 that Alexander Graham Bell invented the telephone.
- 3 It is his attitude towards other people that really annoys me.

Unit 16 Calendar Systems of the World

Vocabulary in Context

A

- 1 modification
- 2 adopt
- 3 straightforward
- 4 in line with
- 5 leap year
- 6 auspicious

B

- 1 b
- 2 a
- 3 d

Reading Skill

- ❶ a unique day
- ❷ in Guatemala
- ❸ leap years
- ❹ special events
- ❺ Julian calendar

Reading Comprehension

- 1 d
- 2 By combining the dates from the *Tzolkin and Haab'* calendars
- 3 a
- 4 It is still used by some people living in Guatemala.

5 d

6 d

7 a

Summary

- ❶ determine the date
- ❷ specify the year
- ❸ lucky days
- ❹ 12 or 13 months
- ❺ the sun's movements

Language Focus

- 1 Jim hurt his knee while playing tennis.
- 2 When in Madrid, you must visit the Prado Museum.
- 3 When combined, the dates of the *Tzolkin and Haab'* calendars can specify a unique day within a 52-year cycle.