Reading Explorer 1 (2nd Edition) Teacher’s Guide

*Unit 1 – Amazing Animals*

**Warm Up**

Answer Key:

Answers will vary. Possible answers include:

1. Humans use a full range of language skills, deal with abstract thoughts and things that are not physically present, refer to the past and the future, and invent and design complex machines and buildings. 2. Animals rely more heavily on innate or inborn behaviors and are able to function on their own shortly after birth. Moreover, their senses of sight, smell, and sound are often greater than human senses. 3. Answers will vary, but ask students to provide reasons for their choices.

**Lesson 1A – The Incredible Dolphin**

Answer Key:

Before You Read

A. (counterclockwise from top left) 5. blowhole, 1. brain, 3. jaw, 4. flippers, 2. tail

B. b

Reading Comprehension

1. d; 2. c (line 7); 3. a (lines 8–9); 4. a (lines 3–4); 5. c (line 14); 6. b (lines 27–28); 7. a

Reading Skill

A. c B. 1. b; 2. a

Critical Thinking

The three ways to tell if an animal is intelligent are: communication, play, and teamwork (or making plans to get what they want). Answers will vary for other ways to tell if an animal is intelligent.

Vocabulary Practice

A. 1. method; 2. assist; 3. advantage; 4. specific; 5. smart

B. 1. alike; 2. intelligent; 3. strategy; 4. language system; 5. conversation

**Lesson 1B – Musical Elephants**

Answer Key:

Before You Read

A. (Answers from top to bottom) elephant, trunk, instruments, drum, xylophone

B. Predictions will vary. Actual answer is paint.

Reading Comprehension

1. d; 2. b (lines 10–11); 3. d (line 2); 4. c (lines 14–15); 5. b; 6. a; 7. a

Reading Skill

A. b

B. 1. b; 2. e; 3. a; 4. d

Critical Thinking

Answers will vary. Students should support their answers with examples and reasons.

Vocabulary Practice

A. 1. a; 2. a; 3. a; 4. b; 5. a

B. 1. trainers; 2. encourage; 3. creative; 4. artists; 5. earn

**Viewing: Monkey College**

Answer Key:

Before You Watch

A. 1. coconut; 2. monkey; 3. tree; 4. rope; 5. trainer

B. 1, 4, 2, 3

While You Watch

A. Students confirm their answers in Activity B, above: 1, 4, 2, 3.

B. 1. spin; 2. pick; 3. fall; 4. buy; 5. earn; 6. have; 7. work; 8. use

After You Watch

Answers will vary. Students should support their opinions with reasons.

*Unit 2 – Travel and Adventure*

**Warm Up**

Answer Key:

Answers will vary, but ask students to elaborate on their opinions. You might want to have students brainstorm about travel and vacation activities and write their responses on the board. Then ask students to categorize the ideas into conventional and adventure travel.

**Lesson 2A – Trip of a Lifetime**

Answer Key:

Before You Read

A. 1. They started at Prudhoe Bay, Alaska, U.S.A. and finished at Ushuaia, Argentina. They traveled by bicycle. 2. They traveled 30,500 km (19,000 miles) in two years.

B. Answers will vary. The passage gives no specific reason other than adventure.

Reading Comprehension

1. a; 2. d (lines 21–22); 3. b (line 8); 4. b (lines 20–22); 5. a; 6. a; 7. c (lines 29–30)

Reading Skill

A. (boxes from top center in clockwise direction) 1. key, 3. scale, 2. source, 4. title

B. 1. Asia; 2. west; 3. fewer; 4. 2005

Critical Thinking

Answers will vary. Students should support their ideas with reasons and examples.

Vocabulary Practice

A. 1. b; 2. a; 3. b; 4. a

B. 1. advice; 2. journey; 3. route; 4. relax;5. goals; 6. eventually

**Lesson 2B – Adventure Island**

Answer Key:

Before You Read

A. Answers will vary. Some people are excited by dangerous activities.

B. Answers will vary. The thing the activities have in common is that they are risky.

Reading Comprehension

1. b; 2. a; 3. d (lines 5–6); 4. c (lines 10–11);5. d (lines 18–20); 6. b; 7. d

Reading Skill

A. 1. a; 2. b; 3. a; 4. c

B. 1. off South Africa; 2. ten meters (33 feet);3. all a surfer needs is a wave and a board; 4. skateboarding

Critical Thinking

Answers will vary. Students should support their ideas with reasons and examples.

Vocabulary Practice

A. 1. escape; 2. nation; 3. native; 4. familiar;5. religious

B. 1. tie; 2. escape; 3. hit; 4. century; 5. natives; 6. nations; 7. bravery

**Viewing: Land Divers**

Answer Key:

Before You Watch

A. 1. T; 2. F; 3. T

B. 1. d; 2. b; 3. c; 4. a

While You Watch

A. Students should check items 2, 3, and 4.

B. 1. a; 2. a; 3. a; 4. b; 5. b

After You Watch

Answers will vary. Students should support their opinions with reasons and examples. Keep in mind that only male natives of Pentecost Island may land dive.

*Unit 3 – The Power of Music*

**Warm Up**

Answer Key:

Answers will vary. Possible answers include:

1. Kinds of music include rock, jazz, hip-hop, indie, rap, pop, and classical. Favorites may include individual performers or groups. 2. Some examples are reggae for Jamaica and samba for Brazil. 3. For this question, poll students about how different types of music affect them. Ask them about exciting vs. relaxing music. With the whole class, brainstorm types of music and names of groups that perform it.

**Lesson 3A – Hip-Hop Planet**

Answer Key:

Before You Read

A. 1. culture; 2. teenagers; 3. hardships

B. c.

Reading Comprehension

1. c; 2. d (line 12); 3. d; 4. d; 5. d (line 20); 6. b (lines 25–27); 7. a (line 25)

Reading Skill

A. Shameema Williams: a and d; Assane N’Diaye: b and c; Both: e

B.

|  |  |  |
| --- | --- | --- |
|  | Old School | New School |
| Time period | Late 1970s to mid-1980s | Mid-1980s to late 1990s |
| Influences | Disco and funk | Rock ‘n’ roll, soul |
| Style of music | Simple rapping style | Serious, angry |

Vocabulary Practice

A. 1. female; 2. belongs; 3. Clubs; 4. background; 5. Despite

B. 1. backgrounds; 2. issues; 3. peace; 4. dream of; 5. attitudes; 6. audiences

Critical Thinking

Answers will vary. Students should support their opinion with examples and reasons.

**Lesson 3B – A Musical Boost**

Answer Key

Before You Read

A. 1. Answers will vary according to students’ familiarity with parts of the brain. 2. Both involve receptive and productive skills, memory, and the ability to convert symbols (musical notes or writing systems) into meaningful sounds or ideas.

B. 1. a; 2. c

Reading Comprehension

1. a; 2. b (lines 8–9); 3. c; 4. d; 5. c (line 12); 6.c (lines 20–22); 7. d

Reading Skill

A. Circled words by paragraph: 1. because of; 2. Since; 3. due to

B. 1. because of its ability to express emotions across cultures; 2. since he wanted to include a variety of Western music types; 3. due to the fact that the rhythms and melodies of Western music are similar to the emotional features of human speech.

Critical Thinking

Answers will vary. Students should support their answers with examples.

Vocabulary Practice

A. 1. a; 2. a; 3. a; 4. b; 5. b

B. 1. connection; 2. improves; 3. damaged;4. normally; 5. sharp

**Viewing: Steel Drums**

Answer Key:

Before You Watch

A. 1. e; 2. f; 3. b; 4. c; 5. d; 6. a

B. Answers will vary.

While You Watch

A. Students should check these items: where steelband music comes from, the popularity of steelband music, steelband music’s relationship to Africa, and steelband’s place in local culture.

B. 1. b; 2. a; 3. c

After You Watch

A. People who play “by ear” play or sing without reading music.

B. Answers will vary.

*Unit 4 – Into Space*

**Warm Up**

Answer Key:

Answers will vary, but ask students to elaborate on their opinions. Build background knowledge by asking what would be necessary for life on other planets (air to breathe, water, moderate temperatures). Students should support their opinions with reasons and examples.

**Lesson 4A – Life Beyond Earth?**

Answer Key:

Before You Read

A. 1. Space; 2. planets; 3. galaxy; 4. astronomer; 5. telescope

B. a

Reading Comprehension

1. b; 2. d; 3. d; 4. b (lines 17–18); 5. d (line 21); 6. c; 7. a (lines 24–25)

Reading Skill

A. Answers will vary. Students should underline the main ideas and key details in the text, such as the information included in the concept map on page 54.

B. 1. 12 billion; 2. huge; 3. galaxies; 4. telescopes; 5. solar; 6. radio signals

Critical Thinking

Answers will vary. Students should support their ideas with reasons.

Vocabulary Practice

A. 1. powerful; 2. messages; 3. search for;4. identify; 5. allow

B. 1. a; 2. b; 3. a; 4. b; 5. a

**Lesson 4B – Living in Space?**

Answer Key:

Before You Read

A. 1. rocket; 2. astronauts; 3. establish; 4. colony

B. Answers will vary with personal opinions. Students should support their opinions with reasons.

Reading Comprehension

1. a; 2. c; 3. c (lines 5–8); 4. d (lines 8–10);5. c; 6. a; 7. d

Reading Skill

A. The main idea is that humans should colonize space (according to Robert Zubrin). The supporting reasons to underline are that 1) we can learn a lot; 2) we can create new human societies on other planets; and 3) any advances (made in space) will benefit us here on Earth.

B. 1. too expensive; 2. the journey is too long; 3. health problems; 4. dangers from the sun and air mean people will live indoors

Critical Thinking

Answers will vary. Students should support their opinion with reasons.

Vocabulary Practice

A. 1. independent; 2. surface; 3. mission;4. journeys; 5. survive

B. 1. a; 2. a; 3. b; 4. b; 5. a

**Viewing: Women in Space**

Answer Key:

Before You Watch

1. It can be reused and it allows up to eight astronauts to travel at a time; 2. Answers will vary. The real reason is because of lack of funding (note that this is not mentioned in the

Student Book or the video); 3. She was the first American woman in space.

While You Watch

A. (from left to right)e, f, g, b, c, d, a

B. Collins: e, f; Jemison: c, g; Ride: b, d; Tereshkova: a, h

After You Watch

Answers will vary. Students should support their answers with reasons and examples.

*Unit 5 – City Life*

**Warm Up**

Answer Key:

Answers will vary. Possible answers include:

1. People live in cities because they offer better health care, education, job opportunities, and chances for social mobility than rural areas do. 2. New York, London, Hong Kong, and Tokyo are international centers of commerce, communications, and transportation. 3. Answers will vary, but encourage students to support their opinions with reasons.

**Lesson 5A – Global Cities**

Answer Key:

Before You Read

A. 1. The city names are the color of the city’s strongest factor; 2. They all have a number of icons in each category, but the mix is slightly different for each of the four cities; 3. They are strong in all areas.

B. Predictions will vary, but students should provide reasons to support their predictions.

Reading Comprehension

1. a; 2. a; 3. b; 4. d (lines 13–15, 21–22);5. b; 6. a (line 26); 7. a

Reading Skill

A. 1. cities; 2. five; 3. entertainment; 4. red; 5. people; 6. green

B. 1. d; 2. b; 3. c.

Critical Thinking

Answers will vary. Students should support their answer with reasons.

Vocabulary Practice

A. 1. options; 2. especially; 3. international;4. factors; 5. attracts

B. 1. b; 2. a; 3. b; 4. b; 5. b

**Lesson 5B – Rio Reborn**

Answer Key:

Before You Read

A. 1. A favela is a poor neighborhood that typically lacks government services and has a high crime rate. Synonyms are slums, shanty towns, and barrios. About 1.5 million people in Rio live in favelas; 2.Favelas are found all over Rio; some are located on hillsides with amazing views; 3. Answers will vary. Life in a favela is generally rough and tough. Even now, many are controlled by drug dealers and there is a lot of violence.

B. a

Reading Comprehension

1. d; 2. a; 3. d (line 11); 4. a (paragraph 3);5. c (paragraph 3); 6. a; 7. d

Reading Skill

A. Underlined quotes should include:

1. In paragraph two, Nogueira’s quote; 2. In paragraph three, Miranda’s first quote; 3. In paragraph three, Miranda’s second quote.

Answers to why they are included will vary, but should be supported by reasons.

B. 1. a; 2. b; 3. a

Critical Thinking

Answers will vary, but ask students to say how they think diversity will affect favelas.

Vocabulary Practice

A. 1. provide; 2. residents; 3. develop;4. receive; 5. separate; 6. Crime

B. 1. a; 2. a; 3. b; 4. a

**Viewing: High-Rise Challenge**

Answer Key:

Before You Watch

A. 1. five years; 2. the top, 75 meters high; 3. the base or bottom; 4. It is a very busy location and a tight spot with not much room to move the construction materials and machines.

While You Watch

A. Students should check these items: digging the foundation, bringing materials to the building site, lifting materials up to the building, driving big trucks in city traffic, putting things together high above the ground

B. 1. 6th Avenue; 2. see what he’s lifting; 3. size; 4. above

After You Watch

Answers will vary, but students should support theirs with reasons. The video does not specify what is special about One Bryant Park—its energy conservation—so students may not have a basis for answering the two questions.

*Unit 6 – Small Worlds*

**Warm Up**

Answer Key:

Answers will vary. Possible answers include:

1. Many microorganisms are too small to be seen without a microscope. 2. Answers will vary depending on students’ experiences and backgrounds in biology. 3. Microbes are essential to life for digestion, decomposition of organic material, production of vitamins and proteins, and to counterbalance harmful microbes that cause disease.

**Lesson 6A – In One Cubic Foot**

Answer Key:

Before You Read

A. 1. tiny; 2. organisms; 3. soil

B. Although the organisms are tiny, they are essential to natural processes.

Reading Comprehension

1. b; 2. a; 3. b (line 9); 4. b (lines 23–25); 5. b; 6. a; 7. b

Reading Skill

A. Students should underline the following: when, later, eventually, then

B. a, e, d, f, b, c

Critical Thinking

Answers will vary. Students should support their answers with examples and reasons.

Vocabulary Practice

A. 1. species; 2. cycle; 3. environments;4. diversity; 5. Discover

B. 1. b; 2. a; 3. b; 4. b; 5. a

**Lesson 6B – A World Within Us**

Answer Key:

Before You Read

A. 1. T; 2. F; 3. F; 4. T

B. Students check their answers to Activity A, above.

Reading Comprehension

1. a; 2. c (line 3); 3. a; 4. d; 5. b; 6. a; 7. b

Reading Skill

A. 1. P; 2. C; 3. P; 4. P

B. Pros: Antibiotics can kill bad bacteria, curing bacterial infections.

Cons: Antibiotics can kill good bacteria, causing health problems and making us sick because we need the good bacteria in order to function.

Critical Thinking

Answers will vary. Students should support their answers with reasons and examples.

Vocabulary Practice

A. 1. harmful; 2. harmless; 3. invisible; 4. cure;5. depend on; 6. infection

B. 1. b; 2. b; 3. a; 4. a

**Viewing: Under Yellowstone**

Answer Key:

Before You Watch

A. 1. strange; 2. microbes; 3. environment; 4. hot spring

B. Answers will vary. Students should support their answers.

While You Watch

A. Students should check these items: temperatures of hot springs, creatures that survive in hot springs, different types of microbes, and possible life on other planets

B. 1. 200; 2. die; 3. Archaea; 4. microbes

After You Watch

1. environment; 2. perfect; 3. discovered; 4. information; 5. life; 6. universe; 7. similar

*Unit 7 – When Dinosaurs Ruled*

**Warm Up**

Answer Key:

Answers will vary. Possible answers include:

1. Dinosaurs lived on Earth from more than 200 million years ago and became extinct about 65 million years ago. 2. Answers will vary. 3. Although paleontologists have found many dinosaur fossils, questions about dinosaurs are still unanswered.

**Lesson 7A – The Truth About Dinosaurs**

Answer Key:

Before You Read

A. 1. reptiles, 65 million years ago; 2. A paleontologist is a scientist whostudies fossils of prehistoric life such as dinosaurs; 3. to die out

B. 1. both (see Teaching Notes); 2. no; 3. yes

Reading Comprehension

1. b; 2. d (lines 5–6); 3. d (lines 14–15); 4. a (line 24); 5. a (lines 20–23); 6. c (lines 33–34); 7. a (lines 17–19)

Reading Skill

A. 1. such as; 2. like; 3. For example

B. 1. c; 2. e; 3. f; 4. a; 5. d

Critical Thinking

Answers will vary. Students should support their answers with examples and reasons.

Vocabulary Practice

A. 1. In reality; 2. giant; 3. completely; 4. Physically

B. 1. relative; 2. heavy; 3. hunter; 4. museum

**Lesson 7B – Mystery of the Terrible Hand**

Answer Key:

Before You Read

A. 1. unearth; 2. fossils; 3. horns; 4. claws

B. Predictions will vary. What is unusual about this dinosaur are its huge “hands” with claws.

Reading Comprehension

1. d; 2. d (paragraphs 3 and 4); 3. c; 4. d (lines 15-16); 5. a; 6. a; 7. d

Reading Skill

A. 1. d; 2. a; 3. c; 4. b

B. 1. an area in southern Mongolia; 2. terrible hand; 3. a type of dinosaur that looked like a present-day ostrich

Critical Thinking

Answers will vary. Students should support their ideas with examples and reasons.

Vocabulary Practice

A. 1. b; 2. b; 3. b; 4. a; 5. b

B. 1. extended; 2. length; 3. seeking; 4. appearance; 5. estimate

**Viewing: Dinosaur Discovery**

Answer Key:

Before You Watch

A. 1. tail; 2. vertebrae; 3. rib; 4. backbone; 5. neck

B. Answers will vary. The correct answer is a.

While You Watch

A. 1. F; 2. T; 3. F; 4. T

B. (the caption on top is A, on the bottom B)

1. B; 2. A; 3. A; 4. B

After You Watch

Answers will vary. Students should support their ideas with reasons and examples.

*Unit 8 – Stories and Storytellers*

**Warm Up**

Answer Key:

Answers will vary, but encourage students to talk about stories they loved as children. Ask students about famous stories from their countries. As an extension, they could write, illustrate, and tell stories in a later class.

**Lesson 8A – The Brothers Grimm**

Answer Key:

Before You Read

Students’ predictions will vary. Actual answers include: 1. The Brothers Grimm were German scholars with a particular interest in folklore. 2. They published collections of folktales collected from European storytellers. 3. At first, these collections were intended for adults.

Reading Comprehension

1. d; 2. a; 3. c (lines 2–3); 4. b; 5. c; 6. d; 7. a (lines 22–23)

Reading Skill

A. Students’ annotations of the text will vary.

B. 1. storytellers; 2. similar; 3. forest; 4. adults; 5. children

Critical Thinking

Answers will vary. Students should support their opinions with reasons and examples.

Vocabulary Practice

A. 1. collection; 2. magical; 3. scary; 4. memorized; 5. Although; 6. published; 7. reflected

B. 1. text; 2. primarily; 3. scary; 4. although; 5. appropriate; 6. collection; 7. reflect; 8. memorize

**Lesson 8B – The Tale of the Seven Ravens**

Answer Key:

Before You Read

A. 1. 8; 2. to get water; 3. The boys fought, the water jug fell in the well.

B. Predictions will vary. The father gets irritated and wishes the boys were ravens. Eventually the sister finds them and they turn back into people.

Reading Comprehension

1. c; 2. a; 3. b; 4. d (lines 20–24); 5. c (line 25); 6. c (lines 30–33); 7. b

Reading Skill

A. 1. Hansel and Gretel; 2. their stepmother; 3. the children; 4. bread; 5. a house; 6. an old woman; 7. a witch; 8. the children; 9. the oven; 10. Hansel, Gretel, and their father

B. 1. the daughter; 2. her finger; 3. the seven plates and cups

Critical Thinking

Answers will vary. Students should support their opinions with reasons.

Vocabulary Practice

A. 1. a; 2. b; 3. b; 4. a; 5. a

B. 1. determined; 2. youths; 3. affect; 4. deep

**Viewing: Sleepy Hollow**

Answer Key:

Before You Watch

A. 1. headless; 2. pumpkin; 3. bridge

While You Watch

A. 1. c; 2. d; 3. b; 4. a

B. 1. fun; 2. after; 3. hard; 4. wasn’t

After You Watch

Students’ stories will vary.

*Unit 9 – Unusual Jobs*

**Warm Up**

Answer Key:

Answers will vary. Possible answers include:

1. They are botanists climbing high on a redwood tree to do research. 2. Some challenging jobs are firefighter, rescue worker, coal miner, construction worker on high buildings, explosive expert, deep sea fisherman, and logger. 3. Encourage students to give reasons for their answers.

**Lesson 9A – Meet the Meteorite Hunter**

Answer Key:

Before You Read

A. 1. a piece of rock or metal from space; hundreds; 2. Scientists can learn about the composition of space and about our own planet.

B. 1. He is a meteorite hunter. He travels throughout the world looking for meteorites that he later sells. 2. Some of the physical conditions, such as working in deserts, are difficult, but he has also been attacked by people trying to steal valuable meteorites. Also, he has to be careful to do his work legally in different countries, each with its own laws about meteorites.

Reading Comprehension

1. a; 2. b (lines 5–6); 3. b (lines 10–12); 4. a (lines 16–19); 5. c (lines 23–27); 6. a; 7. d (and a – see Teaching Notes on page 62.)

Reading Skill

A. Exact (circled): in 2011, the second-oldest;

Approximate (underlined): just over 300 grams, a hundred or so, around 2.1 billion years old, over a year of study, approximately ten times

B. 1. in 2013; 2. about 10,000 metric tons;3. about 70 countries; 4. $100,000; 5. around 4.5 billion years old; 6. 53 kilos (117 pounds)

Critical Thinking

Answers will vary. Students should support their opinions with reasons.

Vocabulary Practice

A. 1. illegal; 2. law; 3. in demand; 4. valuable; 5. collect

B. 1. a; 2. b; 3. b; 4. a; 5. a

**Lesson 9B – Smokejumpers**

Answer Key:

Before You Read

A. 1. dangerous; 2. burn; 3. hectare; 4. wildfire

B. Predictions will vary. Correct answers include:

1. a special type of firefighter who works in remote areas; 2. They figure out how to stop the fire from spreading; 3. strong people of a certain size who can cope in the wilderness

Reading Comprehension

1. b; 2. d; 3. d (lines 10–11); 4. c (lines 17–20);5. a; 6. b (lines 27–28); 7. c (lines 25–26)

Reading Skill

A. 1. b; 2. b; 3. a

B. 1. A smokejumper’s job is not typical/ is very different. 2. There are more men smokejumpers than women. 3. The fire hurt many people.

Critical Thinking

Answers will vary. Students should support their answers with reasons and examples.

Vocabulary Practice

A. 1. a; 2. b; 3. b; 4. a

B. 1. employed; 2. race; 3. equipment;4. capable; 5. majority; 6. occupation

**Viewing: Wildfire Photographer**

Answer Key:

Before You Watch

A. 1. camera; 2. photographer; 3. smoke; 4. wildfires

While You Watch

A. 1. F; 2. F; 3. T; 4. T; 5. F

B. (the caption on top is A, on the bottom B) 1. A; 2. A (See Teaching Notes); 3. A; 4. A

After You Watch

Answers will vary. Students should support their ideas with reasons and examples.

*Unit 10 – Uncovering the Past*

**Warm Up**

Answer Key:

Answers will vary. Possible answers include:

1. They were meant to protect the tomb of an important Chinese ruler. 2. Some important archeological discoveries were the Inca mountaintop city of Machu Picchu in 1911, the tomb of Tutankhamun in 1923, the discovery of early hominid fossils in Africa, and finding the Dead Sea Scrolls in the 1940s. 3. Answers will vary, but encourage students to share what they know about ancient monuments in their countries.

**Lesson 10A – The Army’s True Colors**

Answer Key:

Before You Read

A. 1. Archeologists; 2. Artifacts; 3. soldier, army; 4. tomb

B. Answers will vary. Essentially, the soldiers lost their original color when they were exposed to the air during excavation.

Reading Comprehension

1. c; 2. d (lines 7–8); 3. a; 4. a (lines 19–20); 5. b; 6. d; 7. d (lines 30–33)

Reading Skill

A. 1. b; 2. a; 3. a; 4. b; 5. b; 6. a; 7. a

Critical Thinking

Answers will vary. Students should support their opinions with reasons.

Vocabulary Practice

A. 1. constructed; 2. protect; 3. techniques; 4. exposed; 5. vivid; 6. revealed; 7. network

B. 1. T; 2. F; 3. T; 4. F; 5. T; 6. T; 7. F; 8. T

**Lesson 10B – Wonders of Egypt**

Answer Key:

Before You Read

A. 1. T; 2. T; 3. T

B. c

Reading Comprehension

1. a; 2. a; 3. d (lines 11–12); 4. b; 5. c; 6. c; 7. b (last paragraph)

Reading Skill

A. 1A. ordinary Egyptians; 1B. 80 years to build, teams and roles; 2A. arthritis, 30–35 years; 2B. medical care; 2C. proud of work, national project

Critical Thinking

Answers will vary. Students should support their opinions with examples from the reading.

Vocabulary Practice

A. 1. competed; 2. According to; 3. role; 4. task; 5. proud; 6. timeless

B. 1. ordinary; 2. task; 3. confirmed; 4. block; 5. involved

**Viewing: Peru’s Hidden Treasure**

Answer Key:

Before You Watch

A. 1. c; 2. a; 3. b; 4. d

While You Watch

A. 1. is true.

B. 1. traders; 2. jigsaw puzzle; 3. probably (see Teaching Notes); 4. a museum

After You Watch

Answers will vary.

*Unit 11 – Legends of the Sea*

**Warm Up**

Answer Key:

Answers will vary. Possible answers include:

1. Old ships, weapons, coins, jewelry, plates, pottery, and so on. 2. Some possibilities are ancient legends about Poseidon, myths of sea monsters and mermaids, stories about naval heroes, and Moby Dick. 3. One of the most famous was finding the wreck of the Titanic.

**Lesson 11A – Pirates: Romance and Reality**

Answer Key:

Before You Read

A. a. captain; b. maritime; c. goods

B. 1. T; 2. F; 3. T

Reading Comprehension

1. b; 2. a; 3. d (lines 10–11); 4. b; 5. a; 6. d (lines 24–25); 7. b (lines 28–29)

Reading Skill

A. Movie Pirates: a, c, e; Real Pirates: f, d; Both: b

B. Similarities: both, neither; Differences: however, while; Pirates: b, d; Privateers: c;

Both: a, e

Critical Thinking

Answers will vary. Students should support their ideas with examples.

Vocabulary Practice

A. 1. income; 2. purchased; 3. freedom; 4. stole; 5. divided; 6. factors; 7. average

B. 1. disease; 2. equality; 3. Factors; 4. buried; 5. Income

**Lesson 11B – Women of the Waves**

Answer Key:

Before You Read

A. 1. hurt; 2. ships; 3. take

B. Answers will vary. Possible answers include:

1. The two cases are different. Read wanted adventure and Ching Shih took over when her husband died. 2. Again, they are different. Read was captured and Ching Shih retired.

Reading Comprehension

1. a; 2. b; 3. b; 4. d (lines 15–16); 5. b; 6. a (line 27); 7. b (line 23)

Reading Skill

A. 1. a; 2. c; 3. b; 4. c

B. 1. a; 2. b; 3. d; 4. c

Critical Thinking

Answers will vary. Students should support their ideas with reasons and examples.

Vocabulary Practice

A. 1. sail; 2. fearless; 3. target; 4. pretend; 5. avoid; 6. shoot

B. 1. T; 2. F; 3. T; 4. T

**Viewing: Blackbeard’s Cannons**

Answer Key:

Before You Watch

A. Information about Blackbeard is given on pages 148 and 151. Students read that

Blackbeard was a famous pirate during the Golden Age of Piracy (1660–1730) whose actual name was Edward Teach. They also read that he was a fearsome pirate who was said to wear burning ropes in his long beard in battle.

B. Answers will vary. The object pictured is a cannon. Cannons are often marked with the name of the ship to which they belonged.

While You Watch

A. 1. 1718; 2. Queen Anne’s Revenge; 3. name; 4. before

B. 1.A. 1717; 1.C. 1718; 2.A. Carolina; 2.B. cannons; 3.A. dirty, 300, water; 3.B. X-rays, salt; 4. Goals

After You Watch

Answers will vary. Students should support their opinions with information from the video.

*Unit 12 – Vanished*

**Warm Up**

Answer Key:

Answers will vary. Possible answers include:

1. Extreme places such as the highest mountains, thick jungles, or parts of the oceans that are not well known. 2. Answers will vary, but some examples are people who have climbed the highest mountains or explored the deep seas. 3. In addition to the people featured in this unit—Mallory and Irvine on Mount Everest, Amelia Earhart, and Jim Thompson—there are others such as Michael Rockefeller in the New Guinea jungles and Roald Amundsen, a Norwegian explorer who disappeared in the Arctic in 1928.

**Lesson 12A – Mystery on Everest**

Answer Key:

Before You Read

A. 1. 8,850; 2. 4; 3. Nepal; 4. 1953; 5. cold; 6. oxygen; 7. 200

B. Answers will vary. The actual answer is that the reading is about the Mallory-Irvine expedition in 1924. Did the men reach the summit? What happened to them?

Reading Comprehension

1. b; 2. d (lines 8–9, 12–13); 3. a; 4. d (lines 14–16); 5. d (lines 20–21); 6. a; 7. c

Reading Skill

A. Reasons for (underlined): evidence he and Irvine were near the top (line 10); In addition...no photos (lines 12–15); Reasons against (circled): Difficult path/Poor equipment (line 20); Without the right tools, it is doubtful (lines 23–24); No frostbite (line 25)

B. Reasons for: 1. oxygen; 2. body;3. photo; 4. leave Reasons against: 5. difficult; 6. equipment; 7. frostbite; 8. camp

Critical Thinking

Answers will vary. Students should support their opinions with evidence from the reading.

Vocabulary Practice

A. 1. significant; 2. achievement; 3. proved;4. path; 5. Suffered

B. 1. a; 2. b; 3. a; 4. a; 5. b

**Lesson 12B – The Missing Pilot**

Answer Key:

Before You Read

A. She was the first woman to fly a plane alone across the Atlantic Ocean.

B. Answers will vary, but many people believe they either ran out of fuel and crashed in the ocean or landed on a remote island and died there.

Reading Comprehension

1. c; 2. d (lines 2–3); 3. b (lines 3–4); 4. d (lines 13–14); 5. c; 6. b; 7. a (line 23)

Reading Skill

A. 1. However; 2. and; 3. also

B. 1. e; 2. a; 3. b; 4. c

Critical Thinking

Answers will vary. Students should support their opinions with reasons.

Vocabulary Practice

A. 1. headed; 2. effort; 3. investigation;4. disappearance; 5. bright

B. 1. a; 2. a; 3. a; 4. a; 5. b

**Viewing: Earhart Mystery**

Answer Key:

Before You Watch

A. 1. c; 2. b; 3. a

B. Answers will vary. According to the reading passage, the most likely theory is that her plane sank in the ocean when it ran out of fuel. The least likely theory is that Earhart returned to the

U.S. under a different name.

While You Watch

A. (from top left clockwise) 2, 3, 4, 1. The missing words are, in order, reef, thirst, and spy.

B. 1. gas; 2. ocean; 3. different; 4. captured; 5. died; 6. spy; 7. reason; 8. housewife

After You Watch

Answers will vary. Students should support their ideas and opinions with reasons and examples.