

Unit 1 The Mighty Travelers

Words and Sentences (p. 4)

A.

1. journey
2. mighty
3. travel
4. current
5. feather
6. spread out
7. drift
8. survive

B.

1. carry
2. at
3. floats
4. droppings
5. travel

Main Ideas and Summary (p. 5)

A.

1. d. the different ways that seeds travel
2. a. seeds that travel by wind
3. b. seeds that travel by water

B.

space, travel, wind, drift, fruits, droppings

Unit 2 Banks for Seeds

Words and Sentences (p. 6)

A.

1. wasted
2. certain
3. valuable
4. destroy
5. increase
6. crop
7. have trouble doing
8. protect

B.

1. extinction
2. humidity
3. climate change
4. protect
5. Natural disasters

Main Ideas and Summary (p. 7)

A.

1. a. why seeds are protected in seed banks
2. b. how and why seeds are saved from extinction
3. e. how seeds are saved from climate change and natural disasters

B.

collect, extinction, humidity, valuable, disasters, protect

Unit 3 Helpful Clothes

Words and Sentences (p. 8)

A.

1. fabric
2. lightweight

3. block
4. suit
5. tear
6. be made of
7. athlete
8. decrease

B.

1. uniform
2. vapor
3. overheating
4. tore
5. pulls

Main Ideas and Summary (p. 9)

A.

1. e. uniforms that keep people safe and comfortable
2. a. the features of firefighting suits
3. c. the features of athletic uniforms

B.

safe, suits, fire, layers, Athletes, lightweight

Unit 4 Eco-Friendly Fashion Sense

Words and Sentences (p. 10)

A.

1. leftover
2. fashion
3. affect
4. process
5. label

6. renewable
7. industry
8. environment

B.

1. choice
2. Biodegradable
3. emissions
4. obtain
5. antibacterial

Main Ideas and Summary (p. 11)

A.

1. e. how some fabrics can be eco-friendly
2. c. the features of bamboo fabric
3. b. the features of soy silk

B.

affects, fabrics, biodegradable, Recycled, leftover, environment

Unit 5 Special Effects Makeup Artists

Words and Sentences (p. 12)

A.

1. effort
2. realistic
3. makeup
4. wound
5. turn ... into
6. liquid
7. create

8. apply

B.

1. bruise

2. such as

3. material

4. Thanks to

5. apply

Main Ideas and Summary (p. 13)

A.

1. b. the job of special effects makeup artists

2. c. how special effects makeup artists make wounds

3. e. how to turn Zoe Saldana into Gamora

B.

makeup, wounds, characters, silicone, details, alien

Unit 6 Movie Sounds from a Kitchen

Words and Sentences (p. 14)

A.

1. item

2. pour

3. underwater

4. in half

5. victim

6. footstep

7. break

8. twist

B.

1. juicy

2. Cornstarch

3. victim

4. snapped

5. crunched

Main Ideas and Summary (p. 15)

A.

1. b. making movie sounds with foods

2. e. how to create the sounds of serious injuries with foods

3. c. how to create different movie sounds with foods

B.

Sounds, kitchen, injuries, common, footsteps, bubbles

Unit 7 Science behind a Slide

Words and Sentences (p. 16)

A.

1. force

2. extra

3. invisible

4. work

5. slide

6. push

7. cause

8. rub

B.

1. force

2. unless
3. motion
4. working
5. caused

Main Ideas and Summary (p. 17)

A.

1. b. how science makes a slide work
2. d. how Newton's first law works on the top of a slide
3. c. how friction works when you slide down

B.

science, gravity, push, pulls, friction, safely

Unit 8 Engineering with Origami

Words and Sentences (p. 18)

A.

1. fold
2. room
3. come up with
4. flexible
5. practical
6. adult
7. shelter
8. have in common

B.

1. regular
2. pop-up
3. in
4. founder

5. homeless

Main Ideas and Summary (p. 19)

A.

1. c. how origami can be used to make things
2. d. folding kayaks made with origami
3. e. pop-up shelters made with origami

B.

practical, flexible, stored, shelters, recycled, stronger

Unit 9 Underwater Hockey

Words and Sentences (p. 20)

A.

1. in shape
2. require
3. take place
4. improve
5. intensive
6. score
7. participate
8. equipment

B.

1. objective
2. Unlike
3. ability
4. improve
5. halves

Main Ideas and Summary (p. 21)

- A.
1. a. the game of underwater hockey
 2. c. the rules of underwater hockey
 3. d. the equipment for underwater hockey

B.

improve, objective, underwater, equipment, play, championship

Unit 10 Aquatic Therapy

Words and Sentences (p. 22)

A.

1. receive
2. overweight
3. benefit
4. suffer
5. reduce
6. condition
7. patient
8. successful

B.

1. physical
2. operation
3. strength
4. mobility
5. vet

Main Ideas and Summary (p. 23)

A.

1. c. how aquatic therapy helps people and animals

2. d. the benefits of aquatic therapy for patients
3. e. aquatic therapy for animals

B.

water, benefits, relaxes, improve, mobility, animals

Unit 11 A Body's Thirst

Words and Sentences (p. 24)

A.

1. recommend
2. concentrate
3. contain
4. thirsty
5. throughout
6. depend on
7. sign
8. dizzy

B.

1. essential
2. generally
3. dehydration
4. as
5. recommend

Main Ideas and Summary (p. 25)

A.

1. d. why drinking water is essential for our body
2. c. how much water you should drink each day
3. b. the signs of dehydration

B.

survive, throughout, weather, enough, signs, dizzy

Unit 12 Unhealthy Eating Habits

Words and Sentences (p. 26)

A.

1. damage
2. common
3. little
4. struggle
5. unhealthy
6. limit
7. overeat
8. strict

B.

1. disorder
2. strict
3. empty
4. damage
5. common

Main Ideas and Summary (p. 27)

A.

1. c. what two common eating disorders are
2. b. people who have anorexia
3. a. people who have bulimia

B.

disorders, little, gain, much, control, damage

Unit 13 Zero

Words and Sentences (p. 28)

A.

1. digit
2. determine
3. indicate
4. position
5. century
6. accept
7. symbol
8. express

B.

1. crossed
2. position
3. civilization
4. accepting
5. express

Main Ideas and Summary (p. 29)

A.

1. d. the history and two functions of zero
2. e. placeholders in ancient numeral systems
3. b. the history of zero as a number

B.

Ancient, placeholder, symbol, number, accepted, important

Unit 14 Unlucky Numbers

Words and Sentences (p. 30)

A.

1. luck
2. bring
3. reason
4. Eastern
5. secret
6. language
7. consider
8. unlucky

B.

1. superstition
2. betray
3. considered
4. brings
5. reason

Main Ideas and Summary (p. 31)

A.

1. c. the superstitions of numbers
2. d. the number 4 and the superstition about it
3. b. the number 13 and the superstition about it

B.

numbers, considered, unlucky, sounds, originated, Superstitions

Unit 15 Melting Glaciers

Words and Sentences (p. 32)

A.

1. melt
2. adjust

3. provide

4. habitat
5. natural resource
6. rely on
7. concern
8. transportation

B.

1. compress
2. mass
3. feeds
4. marine
5. on

Main Ideas and Summary (p. 33)

A.

1. c. how melting glaciers affect us
2. e. how melting glaciers affect people in mountainous regions
3. d. how melting glaciers cause rising sea levels

B.

Glaciers, natural, freshwater, rising, ecosystems, reduce

Unit 16 A World without Forests

Words and Sentences (p. 34)

A.

1. rise
2. maintain
3. demand
4. conscious

5. slow down

6. convert

7. generate

8. release

B.

1. slashed

2. expense

3. absorb

4. indigenous

5. rising

Main Ideas and Summary (p. 35)

A.

1. b. why we need to protect the Amazon

2. a. why acres of the Amazon are disappearing

3. d. how the Amazon helps maintain salt levels in the oceans

B.

demand, save, convert, release, maintain, conscious