Unit 1 How We Smell

Words and Sentences (p. 4)

A.

1. complicated

2. recognize

3. particle

4. distinguish

5. interpret

6. breathe

7. process

8. expert

B.

1. odor

2. sniff

3. stuffy

4. recognize

5. closely

Main Ideas and Summary (p. 5)

A.

1. a. people's sense of smell

2. b. the process of smelling

3. c. how your nose is ready for a new smell

B.

complicated, brain, receptors, interprets, distinguish, taste

Unit 2 How Some Animals Smell

Words and Sentences (p. 6)

A.

1. scent

2. identify

3. prey

4. wave

5. predator

6. antenna

7. source

8. sense

B.

1. nearby

2. organs

3. environment

4. identify

5. source

Main Ideas and Summary (p. 7)

A.

1. e. how some animals smell

2. b. how marine crabs smell

3. a. how snakes smell

B.

noses, antennas, hairs, tongues, organ, sources

Unit 3 Town Squares for Everyone

Words and Sentences (p. 8)

A.

1. rally

2. reflect

3. trade

4. meetup

5. gather

6. feature

7. goods

8. marketplace

B.

1. ancient

2. function

3. gathered

4. worshipped

5. temple

Main Ideas and Summary (p. 9)

A.

1. e. the functions of town squares

2. c. the ancient Greek agora

3. d. the ancient Roman forum

B.

open, together, agora, forum, meetups, important

Unit 4 Famous Town Squares

 (p. 10)

A.

1. numerous

2. independence

3. frequently

4. located

5. hub

6. be named after

7. attraction

8. crossroads

B.

1. rebel

2. Revolution

3. celebrate

4. colonizers

5. located

Main Ideas and Summary (p. 11)

A.

1. d. two of the world's famous town squares

2. b. the history of Plaza de Mayo

3. e. Times Square in New York City

B.

political, hub, located, named, gather, attraction

Unit 5 Projection Mapping

Words and Sentences (p. 12)

A.

1. choose

2. still

3. surface

4. image

5. technique

6. cover

7. project

8. fit

B.

1. software

2. technique

3. flat

4. choosing

5. surface

Main Ideas and Summary (p. 13)

A.

1. b. the art of projection mapping

2. c. what is possible with projection mapping

3. d. how to change a 3D object into digital art

B.

flat, 3D object, technique, images, software, still

Unit 6 VR Painting

Words and Sentences (p. 14)

A.

1. exist

2. virtual

3. decoration

4. share

5. enter

6. physically

7. artwork

8. simulated

B.

1. quite

2. tools

3. sculpting

4. share

5. choose

Main Ideas and Summary (p. 15)

A.

1. b. virtual reality and VR painting

2. a. what virtual reality is

3. e. what you need to do VR painting

B.

virtual, exist, enter, controller, canvas, share

Unit 7 Unmanned Aerial Vehicles

Words and Sentences (p. 16)

A.

1. control

2. imagine

3. military

4. innovation

5. possible

6. advanced

7. on board

8. emergency

B.

1. remote control

2. recreational

3. possible

4. imagine

5. aerial

Main Ideas and Summary (p. 17)

A.

1. e. the use of drones today and in the past

2. d. how drones were used in the past

3. c. how drones are used today

B.

unmanned, board, controlled, military, advanced, recreational

Unit 8 How Drones Save Lives

Words and Sentences (p. 18)

A.

1. collect

2. situation

3. stuck

4. disaster

5. rescue

6. allow

7. wildfire

8. predict

B.

1. cliffs

2. thermal

3. ledge

4. hectares

5. predict

Main Ideas and Summary (p. 19)

A.

1. a. how drones are helpful in emergencies

2. b. the role of drones in the 2020 California wildfires

3. c. the role of drones in rescuing a hiker in Utah

B.

emergencies, real-time, predict, thermal, lights, lives

Unit 9 Folk Wrestling

Words and Sentences (p. 20)

A.

1. folk

2. alike

3. tie

4. develop

5. match

6. wrap

7. knot

8. cloth

B.

1. wrapped

2. several

3. overweight

4. develop

5. whereas

Main Ideas and Summary (p. 21)

A.

1. c. two styles of folk wrestling in East Asia

2. d. the similarities between sumo and ssireum

3. e. the differences between sumo and ssireum

B.

old, rings, belts, knots, overweight, goal

Unit 10 Thumb Wrestling

Words and Sentences (p. 22)

A.

1. decide

2. find out

3. rule

4. pin down

5. declare

6. lock

7. opponent

8. face to face

B.

1. casual

2. rhymes

3. round

4. decide

5. find

Main Ideas and Summary (p. 23)

A.

1. e. thumb wrestling and the world championships

2. b. the rules of a casual thumb wrestling match

3. d. the rules of the World Thumb Wrestling Championships

B.

game, friend, casual, opponent's, pin, playing

Unit 11 Why We Get Sick

Words and Sentences (p. 24)

A.

1. include

2. itchy

3. invade

4. avoid

5. factor

6. sickness

7. spread

8. sneeze

B.

1. cancer

2. organism

3. infectious

4. runs

5. get

Main Ideas and Summary (p. 25)

A.

1. c. different causes of diseases

2. d. the cause of infectious diseases

3. e. the cause of noninfectious diseases

B.

germs, infectious, washing, vaccinated, unhealthy, exercising

Unit 12 The Immune System

Words and Sentences (p. 26)

A.

1. previously

2. look for

3. defend

4. be made up of

5. disease

6. cell

7. attack

8. patrol

B.

1. tissues

2. at

3. diseases

4. of

5. for

Main Ideas and Summary (p. 27)

A.

1. d. the body and its defense system

2. b. what white blood cells do

3. a. why we get vaccinated

B.

defends, cells, White, patrol, safe, vaccinated

Unit 13 Hexagons in Nature

Words and Sentences (p. 28)

A.

1. curved

2. space

3. vision

4. hive

5. spot

6. shell

7. pack

8. efficient

B.

1. empty

2. lens

3. surroundings

4. space

5. efficient

Main Ideas and Summary (p. 29)

A.

1. e. hexagons found in nature

2. b. how hexagons are in a bee hive

3. c. the compound eyes of dragonflies

B.

six-sided, spaces, efficient, hive, lenses, shells

Unit 14 The Shape of a Soccer Ball

Words and Sentences (p. 30)

A.

1. rubber

2. remain

3. regular

4. factory

5. surround

6. sphere

7. inflated

8. angle

B.

1. irregular

2. introduced

3. iconic

4. bladder

5. surround

Main Ideas and Summary (p. 31)

A.

1. b. the shape of a soccer ball

2. a. soccer balls in the past

3. c. the iconic black-and-white soccer ball

B.

inflated, irregular, sphere, pentagons, introduced, remains

Unit 15 The Danger of Video Games

Words and Sentences (p. 32)

A.

1. spend

2. happen

3. popular

4. enough

5. mental

6. quality

7. diet

8. reward

B.

1. poor

2. addict

3. spend

4. enough

5. happen

Main Ideas and Summary (p. 33)

A.

1. d. the danger of video game addiction

2. b. what video game addiction is

3. c. the life of video game addicts

B.

addiction, happen, addicts, spend, poor, reward

Unit 16 Computer Vision Syndrome

Words and Sentences (p. 34)

A.

1. regular

2. discomfort

3. return

4. fade away

5. stare

6. relax

7. headache

8. symptom

B.

1. reduce

2. viewed

3. preventable

4. returns

5. regular

Main Ideas and Summary (p. 35)

A.

1. b. what computer vision syndrome is

2. e. the symptoms of computer vision syndrome

3. d. how to prevent computer vision syndrome

B.

symptoms, headaches, stare, preventable, rule, reduce