UNIT 1
Robot Pianists

Pre-Reading
(Sample Answers)
1. Robots won't make mistakes; robots can play more songs; humans play with more expression.
2. I would like to see robot guitar players, robot drummers, and robot singers.
3. Yes, because they can play more complicated things than humans. /
No, because audiences appreciate interacting with real performers.

Vocabulary Preview
1. e
2. d
3. a
4. b
5. c

Themes
1. 3
2. 4
3. 5

Key Points
1. b
2. a
3. b
4. c

True or False
1. T
2. F
3. F
4. T
5. T

Missing Word
1. sing
2. fingers
3. bench

Vocabulary Practice
1. interact
2. robotics
3. resemble
4. reproduce
5. facial

Summary
1. progress
2. robotics

1. Teotronica can talk and sing in any language.
2. Not surprisingly, Teotronica can play the piano faster than any human pianist.
3. Robot pianists come in many more shapes and sizes than human pianists.
4. There is one big difference between Teotronica's hands and a human player's hands.
5. Arpeggio reproduces the piano performances of great performers.

Details
a. popular in
b. resembles
c. humanoid
d. reproduce
e. human

Mind Map
Player Pianos: 2, 6
Arpeggio: 1, 5
Teotronica: 4, 3

UNIT 2
A Sandwich from Germany

Pre-Reading
(Sample Answers)
1. There is a delicious Thai noodle restaurant near my home.
2. My favorite hamburger is the one with bacon at McDonald's.
3. I like to put cheese and ketchup on my hamburgers.

Vocabulary Preview
1. d
2. e
3. b
4. c
5. a

Themes
1. 4
2. 1
3. 2
4. 3

Key Points
1. c
2. b
3. a
4. a

True or False

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

Missing Word
1. tomato
2. ground meat (or beef)
3. Wholegrain

Vocabulary Practice
1. popular
2. chain
3. mixture
4. Raw
5. Grilled

Summary
1. Use a capital letter/ Most
2. Use a lowercase letter/ know
3. Add a question mark/ healthy?
4. Add a period/ fire.
5. No correction
→ 4 errors

Unscramble
1. How is a hamburger cooked?
2. How do different people like their meat cooked?
3. What is unhealthy to eat?

Details
a. ground beef
b. first chain
c. Hamburg
d. grilled
e. healthy

Mind Map
History: 3, 4
Ingredients: 1, 6
Preparation: 2, 5

UNIT 3
The Great Kingdom of Britain

Pre-Reading
(Sample Answers)
1. I have never been to the UK. I would like to visit London someday.
2. I think people speak English in the UK.
3. The UK has a queen and a prime minister.

Vocabulary Preview
1. c
2. b
3. a
4. e
5. d

Themes
1. 4
2. 3
3. 2
4. 1

Key Points
1. b
2. a
3. b
4. b

True or False
1. T
2. F
3. F
4. F
5. T

Missing Word
1. size
2. counties
3. dialects

Vocabulary Practice
1. part
2. Sometimes
3. dialect
4. own
5. different

Summary
1. Kingdom
2. Britain
3. Scottish
4. Irish
5. county

Unscramble
1. The southern part of Ireland is the Republic of Eire, and it is not part of the UK.
2. The UK is called a "kingdom" because it has a king or a queen.
3. The UK has many different kinds of people living in it who all speak the same language but also have their own languages.
4. Whereas China is divided into provinces, the UK is divided into counties.
5. The UK is a very small island, and most people live in towns and cities.

Details
a. into parts
b. president
c. dialects of
d. Republic of Eire
e. local

Mind Map
Language: 1, 4
Geography: 2, 5
Government: 3, 6

UNIT 4
Antoni Gaudí

Pre-Reading
(Sample Answers)
1. Gyeongbokgung Palace and North Seoul Tower.
2. Other buildings and architects, nature, history, technology, other cultures.
3. My perfect house would look like an English castle. It would have lots of towers and hidden passages, and there would be a pool inside it and a movie theatre, too.

Vocabulary Preview
1. e
2. a
3. d
4. b
5. c

Themes
1. 2
2. 1
3. 3

Key Points
1. c
2. b
3. b
4. a

True or False
1. F
2. T
3. F
4. T
5. F

Missing Word
1. church
2. figure eight
3. statues

Vocabulary Practice
1. columns
2. sharp
3. designing
4. influenced
5. material

Summary
1. Use a capital letter / Antoni Gaudí
2. Remove words / are unusual
3. No correction
4. Add a period / straight lines.
5. No correction
→ 3 errors

Unscramble
1. Where are the buildings that Antoní Gaudi designed?
2. What did Antoní Gaudi say about nature?
3. What shape is the Casa Mila?

Details
a. filled with
b. statues
c. built
d. materials
e. form of

Mind Map
Antoni Gaudí: 6, 3
Natural Shapes: 1, 5
Natural Designs and Materials: 2, 4

UNIT 5
Around the World on Two Wheels

Pre-Reading
(Sample Answers)
1. I like riding a bicycle because it's a fun way to get exercise.
2. I think a good age to learn to ride a bicycle is about four years old.
3. People might like to ride for fun or to get from place to place.

Vocabulary Preview
1. c
2. e
3. b
4. d
5. a

Themes
1. 3
2. 1
3. 2

Key Points
1. c
2. a
3. c
4. a

True or False
1. T
2. F
3. T
4. F
5. F

Missing Word
1. pedals
2. transportation
3. invented

Vocabulary Practice
1. transportation
2. partly
3. Modern
4. prefer
5. invented

Summary
1. transportation
2. invented
3. pedals
4. modern
5. upright

Unscramble
1. In China, people use bicycles because they are the cheapest way to get around.
2. The Dutch use bicycles mainly because they prefer this form of transport to any other.
3. The bicycle was improved in 1839 by a Scottish blacksmith, Kirkpatrick Macmillan, who invented pedals.
4. The modern bicycle was invented in the last twenty years of the nineteenth century.
5. Nowadays, women's bicycles have become more useful to those involved in sports.

Details
a. practical
b. Pedals were
c. a popular vehicle
d. riders
e. partly

Mind Map
A History of Invention: 1, 2, 5
Modern Bicycle Facts: 3, 4, 6

UNIT 6
A Brief History of Chocolate

Pre-Reading
(Sample Answers)
1. I do like chocolate because it's a tasty and sweet treat.
2. Chocolate can be served as candy, cake, or even as a drink.
3. I think the main ingredients are cocoa beans and sugar.

Vocabulary Preview
1. e
2. d
3. a

4. b
5. c

Themes
1. 3
2. 2
3. 1

Key Points
1. a
2. b
3. c
4. a

True or False
1. F
2. F
3. T
4. T
5. T

Missing Word
1. 1500s
2. nib
3. emperor

Vocabulary Practice
1. custom
2. pudding
3. ingredients
4. manufactured
5. roasted

Summary
1. Use a capital letter/ European
2. No correction
3. Remove words/ who took
4. Add a period / drink.
5. Use a lowercase letter/ a drink
→ 4 errors

Unscramble
1. Who was the first European to taste chocolate?
2. What kind of tree is the cocoa tree?
3. What is sometimes used as an ingredient in cakes and puddings?

Details
a. treats
b. cocoa bean
c. first tasted
d. roasted
e. cracked

Mind Map
Popularity: 1, 2
Process: 3, 5, 6
History: 4

UNIT 7
Literature as a Reflection of Life

Pre-Reading
(Sample Answers)
1. Yes. I felt bored last Wednesday.
2. I thought of going to the beach.
3. One way could be walking around in a new city.

Vocabulary Preview
1. c
2. d
3. e
4. a
5. b

Themes
1. 2
2. 3
3. 1

Key Points
1. b
2. a
3. b
4. c

True or False
1. F
2. F
3. T
4. F
5. T

Missing Word
1. ridiculous
2. family
3. prisoner

Vocabulary Practice
1. dividends
2. knight
3. support
4. eager
5. immersed

Summary
1. ridiculous
2. knight
3. solider
4. bravery
5. quiet

Unscramble
1. Don Quixote features the adventures of an elderly man who believes that he is a knight.
2. Cervantes was taught to read by a family member.
3. He became known for his bravery and was eager to prove himself in battle.
4. Cervantes was captured when he was sailing home to Spain.
5. Although Don Quixote was a great success, it provided little wealth or fame for Cervantes.

Details
a. Spanish
b. meager
c. has inspired
d. quiet
e. family

Mind Map
Early Life: 2, 5
Later Life: 1, 4
Literary Contributions: 3

UNIT 8
Sweet Dreams

Pre-Reading
(Sample Answers)
1. I remember dreaming about a family trip to Disneyland.
2. I wake up scared when I have a bad dream.
3. I think She is having a good dream. She looks peaceful and happy.

Vocabulary Preview
1. c
2. e
3. b
4. a
5. d

Themes
1. 3
2. 4
3. 1
4. 2

Key Points
1. b
2. a
3. c
4. b

True or False
1. F
2. F
3. T
4. T
5. F

Missing Word
1. rapidly

2. Nightmares
3. suggest

Vocabulary Practice
1. interpretation
2. even though
3. However
4. suggest
5. specific

Summary
1. Use a lowercase letter/ everyone
2. Add a period/ having them.
3. Use a capital letter/ Books
4. No correction
5. Remove words/ to the dreamer
→ 4 errors

Unscramble
1. What kind of dreams are frightening?
2. Do most people remember all their dreams?
3. In what way are our dreams special to us?

Details
a. interpreted
b. nightmare
c. your brain
d. Rapid
e. suggested

Mind Map
Science: 1, 6
Asleep: 3, 5
Awake: 2, 4

UNIT 9
Healthy Food, Healthy Life

Pre-Reading
(Sample Answers)
1. I like to eat healthy foods because it is good for me.
2. Fruits and vegetables are some examples of healthy foods.
3. It's important to eat healthy foods so our bodies get the right kinds of nutrients.

Vocabulary Preview
1. c
2. d
3. a
4. b
5. e

Themes

1. 4
2. 1
3. 2
4. 3

Key Points
1. a
2. b
3. b
4. b

True or False
1. T
2. F
3. F
4. T
5. T

Missing Word
1. nutritional
2. diet
3. junk food

Vocabulary Practice
1. overweight
2. plenty
3. fiber
4. fat
5. recent

Summary
1. fish
2. traditionally
3. sugar
4. American
5. contain

Unscramble
1. Rice, fruit, and fresh green vegetables were always staples in most Japanese diets.
2. American food is much less healthy than traditional Japanese food.
3. Dairy foods contain a great deal of fat.
4. Snack foods, such as potato chips and candy have low nutritional value.
5. A healthy diet should consist mainly of grains, fruits, and vegetables.

Details
a. overweight
b. nutritonal
c. too much
d. contains fruits
e. fiber

Mind Map
Healthy Choices: 4, 5
Unhealthy Choices: 1, 2, 3

UNIT 10
Raising Awareness: Endangered Species

Pre-Reading
(Sample Answers)
1. My favorite animal is the kangaroo because they are soft and can jump high.
2. People work to protect animals so that the animals can continue to survive.
3. They are no longer living; there are no more of that kind of animal.

Vocabulary Preview
1. e
2. d
3. c
4. b
5. a

Themes
1. 3
2. 2
3. 1

Key Points
1. a
2. c
3. b
4. c

True or False
1. F
2. F
3. T
4. T
5. T

Missing Word
1. disappear
2. ivory
3. habitats

Vocabulary Practice
1. planet
2. habitat
3. species
4. risk
5. reasons

Summary
1. Use a lowercase letter / fish
2. No correction
3. Use a capital letter / Some
4. Remove words / are becoming
5. No correction
→ 3 errors

Unscramble

1. What is an endangered species?
2. What is a species' habitat?
3. What are four species that are endangered?

Details
a. Diseases
b. famous
c. hunt
d. are marsupials
e. insects

Mind Map
Koala Bear: 2, 5
Giant Panda: 1, 3
African Elephant: 4, 6

UNIT 11
An Ever-Changing World

Pre-Reading
(Sample Answers)
1. I do like to travel because it's exciting to see new places.
2. I would like to go to Rome someday. It's a beautiful city and has a lot of history.
3. People can travel by car, plane, train, or boat.

Vocabulary Preview
1. d
2. a
3. e
4. c
5. b

Themes
1. 2
2. 4
3. 1
4. 3

Key Points
1. c
2. a
3. b
4. a

True or False
1. F
2. T
3. F
4. T
5. F

Missing Word
1. increasingly
2. tourist
3. common

Vocabulary Practice
1. common
2. character
3. national
4. wedding
5. traveler

Summary
1. difficult
2. places
3. century
4. different
5. teenagers

Unscramble
1. A hundred years ago, each of <u>the big cities of the world</u> had its own unique character.
2. Nowadays, <u>travelers often find it hard to see differences</u> between major cities.
3. Many buildings, cars, buses,<u> and trains look similar</u>.
4. The people in big cities <u>are also increasingly looking the same.</u>
5. The world <u>is becoming less traditional and more</u> modern.

Details
a. century
b. National dress
c. common for
d. unique
e. Increasingly

Mind Map
Before: 2, 5
Both: 3
Now: 1, 4, 6

UNIT 12
A Trip to London

Pre-Reading
(Sample Answers)
1. I would like to travel to London someday. It looks like a fun city to visit.
2. I know about Buckingham Palace and Big Ben.
3. The large city might be the most populated city, and the government will be able to serve more people directly.

Vocabulary Preview
1. a
2. b
3. c
4. e
5. d

Themes

1. 2
2. 3
3. 1

Key Points
1. b
2. b
3. c
4. b

True or False
1. T
2. F
3. F
4. T
5. T

Missing Word
1. Westminster
2. crowned
3. comprised

Vocabulary Practice
1. located
2. royal
3. crowned
4. comprised
5. visit

Summary
1. Use a capital letter / Great Britain
2. Use a capital letter / United Kingdom
3. Remove words / are located
4. No correction
5. Use a lowercase letter/ railway
→ 4 errors

Unscramble
1. Where do people come from to visit London?
2. Where are some famous people buried?
3. What is an important bridge in London?

Details
a. population
b. crowned
c. boasts
d. capital
e. are located

Mind Map
Geography: 4, 1
Attractions: 6, 3
Government: 2, 5

UNIT 13
Tobacco Through History

Pre-Reading
(Sample Answers)
1. Leaves can be used to make tea; seeds can be used to make butter or bread.
2. Large crops need to be taken care of by a large number of workers or farmers.
3. They might choose to smoke tobacco because their friends do.

Vocabulary Preview
1. c
2. e
3. a
4. b
5. d

Themes
1. 2
2. 4
3. 3
4. 1

Key Points
1. a
2. a
3. b
4. c

True or False
1. F
2. F
3. T
4. F
5. T

Missing Word
1. smoking
2. colony
3. Spain

Vocabulary Practice
1. medicine
2. export
3. pipe
4. addicted
5. colonies

Summary
1. Tobacco
2. brought
3. history
4. smoked
5. become

Unscramble
1. Tobacco is now usually smoked, but it is also sometimes used as medicine.
2. It is said that tobacco was "discovered" by Christopher Columbus in 1492.
3. Tobacco provided the farmers with cash and the government with tax income.
4. Many are addicted to the nicotine in the plant.
5. There is so much evidence that smoking causes ill health and even death.

Details
a. After
b. export of
c. including medicine
d. sniffed
e. pipe

Mind Map
History: 1, 3
Use: 4, 5
Present Day: 2, 6

UNIT 14
Performing on the World's Stage

Pre-Reading
(Sample Answers)
1. Yes, I saw a group of dancers.
2. I have a beautiful singing voice.
3. I would like to see great dancers because I can't dance well.

Vocabulary Preview
1. b
2. d
3. a
4. e
5. c

Themes
1. 2
2. 3
3. 1

Key Points
1. c
2. c
3. b
4. b

True or False
1. F
2. T
3. F
4. T
5. T

Missing Word
1. obtain
2. crowd
3. lights

Vocabulary Practice
1. cyber
2. talent
3. donations
4. constraint
5. progresses

Summary
1. Add a period/ busking.
2. Use a capital letter/ These
3. No correction
4. Add a period/ others.
5. Use a lowercase letter/ millions
→ 4 errors

Unscramble
1. What is the act of performing in the streets to get donations?
2. At what shows do crowds grow and circle around buskers?
3. What kind of busker makes videos of a performance and posts them online?

Details
a. and art
b. planned
c. modern
d. street
e. types of

Mind Map
What It Is: 4, 1
How It Is Done: 5, 2
How It Is Changing: 3, 6
UNIT 15
A Tasty Delicacy

Pre-Reading
(Sample Answers)
1. I like to eat fish and shrimp because they taste delicious.
2. I once had an amazing steak dinner. The meat was so delicious; it was very much worth the price.
3. Grilled abalone is in the picture. I have never tried it.

Vocabulary Preview
1. d
2. e
3. b
4. a
5. c

Themes
1. 3
2. 1
3. 4
4. 2

Key Points
1. a
2. c
3. c
4. b

True or False
1. T
2. F
3. T
4. T
5. F

Missing Word
1. owner
2. signature
3. snail

Vocabulary Practice
1. demand
2. orphanage
3. abalone
4. supply
5. situation

Summary
1. Abalone
2. supply
3. famous
4. sells
5. wealthy

Unscramble
1. Abalone, a kind of sea snail, is a very popular dish among Chinese people.
2. Abalone is now so expensive that criminals are trying to take over the supply.
3. Abalone is delicious when it is properly prepared.
4. Yeung Koon Yat was born in Shanghai in 1932.
5. Yeung's Forum Restaurant in Hong Kong became a popular place to eat for its abalone dishes.

Details
a. an orphanage
b. demand for
c. smuggle
d. famous
e. expert

Mind Map
Supply: 2, 3, 4
Yeung Koon Yat: 1, 5, 6

UNIT 16
The Mystery at Loch Ness

(Sample Answers)
1. I am not very interested in mysteries. I like to know what is happening when I read a story.
2. I can see fossils at natural history museums.
3. I know about Big Foot in America and the Loch Ness monster in Scotland.

Vocabulary Preview
1. a
2. c
3. b
4. e
5. d

Themes
1. 2
2. 1
3. 3

Key Points
1. c
2. a
3. b
4. c

True or False
1. F
2. F
3. T
4. F
5. T

Missing Word
1. Scientists
2. tourist
3. Inverness

Vocabulary Practice
1. prehistoric
2. including
3. equipment
4. hoping
5. mystery

Summary
1. Add a question mark / Scotland?
2. Use a capital letter / Many people
3. No correction
4. Remove words / has been
5. Use a lowercase letter/ photograph of
→ 4 errors

Unscramble
1. When was the monster seen for the first time?
2. What do some people say the monster is like?
3. Why is the monster still a mystery?

Details
a. hoping
b. exist
c. equipment
d. prehistoric
e. attraction that

Mind Map
Geography: 5, 3
Science: 2, 4
Tourism: 1, 6

UNIT 17
Musical Stylings

Pre-Reading
(Sample Answers)
1. I like to listen to pop music, and classical music sometimes.
2. A violin and a cello are instruments that have strings.
3. Rock music uses a guitar.

Vocabulary Preview
1. c
2. e
3. b
4. a
5. d

Themes
1. 3
2. 4
3. 1
4. 2

Key Points
1. b
2. a
3. c
4. c

True or False
1. T
2. F
3. F
4. T
5. F

Missing Word
1. instruments
2. pleasant
3. plucked

Vocabulary Practice
1. take over
2. part of

3. related to
4. relied on
5. come from

Summary
1. old
2. music
3. sitar
4. different
5. accompanies

Unscramble
1. The guitar has a very prominent musical sound.
2. When groups such as the Beatles became popular, the guitar took over as the most widely played instrument.
3. The modern guitar comes from similar instruments that have been played worldwide for centuries.
4. The guitar is similar to the lute.
5. The guitar is not too difficult to learn how to play.

Details
a. plucked
b. relied on
c. widely
d. popular
e. related to

Mind Map
History: 3, 5
Geography: 1, 4
Instruments: 2, 6

UNIT 18
Yes! We Have No Bananas
Pre-Reading
(Sample Answers)
1. I like bananas because they're easy to eat.
2. Smoothies and shakes, bread and muffins, banana pops, frozen bananas, pancakes, cakes, cookies, peanut butter and banana sandwiches, pudding.
3. Almost any country with tropical or subtropical climate is likely correct, as 135 or so countries grow them, including Ecuador, Brazil, Cameroon, Kenya, Rwanda, India, China, and the Philippines.

Vocabulary Preview
1. c
2. a
3. d
4. b
5. e

Themes
1. 4
2. 2
3. 5

Key Points
1. b
2. a
3. c
4. a

True or False
1. F
2. T
3. F
4. T
5. T

Missing Word
1. seeds
2. 1960s
3. lyrics

Vocabulary Practice
1. replacement
2. extinct
3. Pesticides
4. devastated
5. lyrics

Summary
1. No correction
2. Add a period/banana.
3. Use a capital letter/ Cavendish bananas
4. Remove words / good, and
5. Remove words / to create
→ 4 errors

Unscramble
1. What are three places where TR4 has spread?
2. What devastated the world's most popular banana in the 1950s and 1960s?
3. What disease is the Cavendish banana resistant to?

Details
a. shelf life
b. extinct
c. replacement for
d. engineer
e. devastating

Mind Map
Banana Diseases: 6, 1
The Cavendish: 2, 4
The Future: 3, 5

UNIT 19
Zorba the Greek

Pre-Reading
(Sample Answers)
1. Greece is located in Europe.
2. Many stories have inspired me, but the stories

by Dr. Seuss are not only fun, but they inspire me to be positive and to appreciate what life offers me.
3. I think to 'live life to the fullest' means to not take anything for granted and to be the best person you can be because you only live once.

Vocabulary Preview
1. e
2. a
3. d
4. b
5. c

Themes
1. 3
2. 2
3. 1

Key Points
1. c
2. a
3. c
4. b

True or False
1. T
2. T
3. F
4. F
5. T

Missing Word
1. life
2. travel
3. adventures

Vocabulary Practice
1. inspiration
2. novel
3. foreman
4. appreciate
5. impressive

Summary
1. narrator
2. Crete
3. friendship
4. inspires
5. appreciate

Unscramble
1. *Zorba the Greek* is a classic novel that was first published in 1946.
2. Zorba and the narrator's unlikely friendship begins when he asks the narrator for work.
3. The narrator decides to hire Zorba as a foreman, and the two travel to Crete together.
4. The exaggerated tales told by Zorba to the

narrator are what make *Zorba the Greek* such an interesting story.
5. Zorba is a unique figure in literature invites readers to appreciate and enjoy their life.

Details
a. is about
b. friendship
c. a foreman
d. appreciate
e. character

Mind Map
About the Novel: 1, 3
About the Narrator: 2, 5
About Alexis Zorba: 4, 6

UNIT 20
The Waxworks of Madame Tussaud

Pre-Reading
(Sample Answers)
1. I do enjoy going to museums to see all the artifacts from historical events and places.
2. I have been to history, science, and art museums.
3. Wax is soft and can be easily changed and sculpted.

Vocabulary Preview
1. e
2. a
3. c
4. b
5. d

Themes
1. 3
2. 1
3. 4
4. 2

Key Points
1. c
2. b
3. b
4. c

True or False
1. F
2. T
3. T
4. F
5. T

Missing Word
1. Great Britain
2. inherited
3. permanent

Vocabulary Practice
1. modeling
2. collection
3. married
4. skill
5. destroyed

Summary
1. Use a capital letter / England
2. Remove words / home of the
3. Use a capital letter / Dr. Curtius
4. Use a lowercase letter / how to make
5. Add a period / Dr. Curtius's
→ 5 errors

Unscramble
1. When was Madame Tussaud born?
2. When did Marie and her mother move to Paris?
3. When did Marie inherit the waxworks museum?

Details
a. skilled
b. museum in
c. housekeeper
d. permanent
e. set up

Mind Map
Madame Tussaud: 3, 1
Museums: 4, 6
Dr. Curtius: 5, 2