

Answer Key: Unit 1 Robot Helpers

A.

1. provide
2. variety
3. especially
4. Advances
5. speech

B.

1. Robots provide fun interactions.
2. They can also teach valuable lessons.
3. Some people need to overcome physical challenges.
4. Robots are able to guide a person's movement.
5. They can help people practice important body motions.

C.

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

Answer Key: Unit 2 Confidence Through Volunteering

A.

1. rewarding
2. strangers
3. satisfied
4. crisis
5. wonderful

B.

1. Do you have extra time in your day?
2. You will feel great about helping others.
3. Teens who help strangers feel more confident one year later.
4. That means they feel better about themselves.
5. Think about ways you can give your time to others.

C.

1. d
2. b
3. a
4. a
5. c

Answer Key: Unit 3 A National Hero

A.

1. growing up
2. knee
3. Although
4. quit
5. national

B.

1. Terry went to a doctor and got terrible news.
2. He learned how to use an artificial leg.
3. While in the hospital, Terry met other young cancer patients.
4. He decided to raise money for cancer research.
5. People around the world do the Terry Fox Run once a year.

C.

1. 1958
2. April 12, 1980
3. 143
4. 22
5. Over \$400 million

Answer Key: Unit 4 The Boy Who Grew His Hair

A.

1. generous
2. optimistic
3. criticism
4. rare
5. brave

B.

1. When Vinny was five, he started growing his hair for charity.
2. He wanted to help children who were fighting cancer.
3. Other kids laughed at Vinny.
4. But he didn't mind because he knew it was for a good cause.
5. Vinny finally got a haircut.

C.

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

Answer Key: Unit 5 How to Be a Writer

A.

1. share
2. blogs
3. daily
4. freedom
5. notice

B.

1. There are not many opportunities to write for newspapers and magazines.
2. However, many writers can find success on the internet.
3. These days, many internet writers have blogs.
4. If writers share regularly, they will get lots of followers.
5. Followers are like fans for internet writers.

C.

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

Answer Key: Unit 6 Time Machine

A.

1. science-fiction
2. insists
3. surprise
4. discovers
5. peaceful

B.

1. *The Time Machine* is a very well-known book.
2. It is about a creative man who builds a time machine.
3. He travels many years into the future.
4. The future Earth has no creatures except for the Eloi.
5. At first, he enjoys his visit to the future very much.

C.

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

Answer Key: Unit 7 The Two Faces of Dr. Jekyll

A.

1. would rather
2. borrow
3. laboratory
4. personality
5. violent

B.

1. Katie started reading an interesting book in English class.
2. One day, Dr. Jekyll makes a potion and drinks it.
3. It changes his personality and turns him into Mr. Hyde.
4. In the end, Dr. Jekyll couldn't control Mr. Hyde.
5. Finally, Dr. Jekyll decides to do something about Mr. Hyde.

C.

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

Answer Key: Unit 8 The Real Robin Hood?

A.

1. hero
2. real
3. legend
4. fight
5. robber

B.

1. Some people think Robin Hood was a real person.
2. Many things that Robert Hood did match the stories about Robin Hood.
3. In contrast, not everything about Robert Hood's life matches the stories.
4. One interesting difference is Maid Marian.
5. Robin Hood loved a woman named Maid Marian.

C.

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

Answer Key: Unit 9 Living to 150!

A.

1. average
2. century
3. importance
4. maximum
5. forever

B.

1. In the past, disease has been a factor in preventing a long life.
2. But now people are trying to live a healthy life.
3. They have learned more about healthy lifestyles.
4. The first person who will live to 150 may be alive right now.
5. Some scientists believe that there may be no maximum lifespan.

C.

1. 72
2. 34
3. 122
4. recover
5. aging

Answer Key: Unit 10 People with Super Taste

A.

1. study
2. tongue
3. sensitive
4. chemical
5. hardly

B.

1. Taste buds tell us the taste of food.
2. Some people have a lot of taste buds.
3. Other people do not have very many taste buds.
4. The best way to find out is to count your taste buds.
5. You can count how many you have in a 1cm-by-1cm square.

C.

1. b
2. d
3. b
4. c
5. d

Answer Key: Unit 11 Children's Heights

A.

1. stages
2. birth
3. typically
4. growth
5. lasts

B.

1. Children start growing faster again in middle school.
2. Most girls start this growth period before boys.
3. It starts between the ages of 8 and 13 in girls.
4. Most girls add 18 cm to their height.
5. On average, this stage of life lasts two years.

C.

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

Answer Key: Unit 12 Your Powerful Lungs

A.

1. lungs
2. oxygen
3. equal
4. whistle
5. alive

B.

1. Without your lungs, your heart would not have any healthy blood.
2. Your lungs consist of two parts, or lobes.
3. The left lobe is smaller than the right lobe.
4. It is smaller because your heart needs room.
5. When you breathe, tiny air pockets in your lungs fill with air.

C.

1. b
2. a
3. a
4. d
5. c

Answer Key: Unit 13 Big Data and Math

A.

1. gather
2. everyone
3. helpful
4. pupils
5. math

B.

1. Collecting big data is a big business today.
2. Big data is helpful to all kinds of businesses.
3. When you play a video game online, data is collected
4. This data tells how long you played.
5. They use this data to make their games better.

C.

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

Answer Key: Unit 14 The Origin of Measurement

A.

1. units
2. thumbs
3. During
4. basic
5. accept

B.

1. King Henry decided the length of a yard.
2. A yard was the distance between his nose to his thumb.
3. However, the lengths of these things differed from people to people.
4. In 1837, the French people had to use the metric system.
5. Today, almost every country in the world uses it.

C.

1. body parts
2. a cubit
3. French scientists
4. 100 cm
5. 3

Answer Key: Unit 15 Beautiful Examples of Balance in Nature

A.

1. pattern
2. tiny
3. store
4. feathers
5. attractive

B.

1. Symmetry means something has the exact same parts facing each other.
2. Honeycombs, peacocks, and spider webs are beautiful examples of symmetry.
3. Bees use wax to form the pattern of a honeycomb.
4. The shapes fit together perfectly so that no space is wasted.
5. This creates the most room to keep the honey.

C.

1. c
2. d
3. a
4. b
5. a

Answer Key: Unit 16 Probability

A.

1. possibility
2. outcome
3. Experts
4. dice
5. lightning

B.

1. Have you ever wondered about the probability of events?
2. Some events cannot be predicted.
3. However, you can use math to find the probability of different events.
4. Since a dice has six sides, there is a one-in-six chance you will roll a 3.
5. Your chances of winning a big lottery is low.

C.

1. six
2. nine
3. three-in-nine
4. three
5. one ins 175 million