

Class

Name

Unit 1 – Robot Helpers

A. Choose the correct answer.

1. Robots (overcome / provide) many services, like making products, driving, and taking food orders.
2. Robots can do a (variety / company) of jobs.
3. Robots are (especially / slowly) helpful for taking care of the elderly.
4. (Advances / Challenges) in technology will make life easier.
5. Robots can help people who have difficulties with social skills and (servers / speech).

B. Match the sentences. Rewrite the sentences in order.

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

C. Circle T for true or F for False.

- | | |
|--------------------------------------------------------------|-------|
| 1. Robots can teach people proper interactions. | T / F |
| 2. There will be more young people than old people. | T / F |
| 3. Robots will be able to keep the elderly company. | T / F |
| 4. Robotic cars are replacing servers in restaurants. | T / F |
| 5. People will keep their jobs as robots become more common. | T / F |

Class

Name

Unit 2 – Confidence Through Volunteering

A. Fill in the blank with the correct word.

1. Volunteering is a very r_____ thing to do.
2. People who help s_____ feel better about themselves.
3. Helping people can make you feel s_____.
4. Putting away food in a c_____ center is one way volunteers can help others.
5. Reading to elderly people is another w_____ way to helps others.

B. Unscramble the sentences. Rewrite the sentences in order.

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

Questions continue next page

C. Choose the best answer.

1. How much time do you need to volunteer?

- a. a few minutes
- b. a long time
- c. a whole week
- d. a few hours

2. What does it mean to volunteer?

- a. Getting paid to work
- b. Giving your time to help others
- c. Talking to strangers
- d. Challenging your self-esteem

3. What can you learn from volunteering?

- a. To connect with people
- b. To make free time
- c. To organize books
- d. To do a research study

4. What makes people feel more connected to others?

- a. Meeting and talking
- b. Putting away books
- c. Feeling satisfied
- d. Helping themselves

5. What do you feel more of when you volunteer?

- a. Challenging
- b. Bored
- c. Confidence
- d. Smart

Class

Name

Unit 3 – A National Hero

A. Choose the correct answer.

1. While (growing up / developing), Terry loved to play sports.
2. One day, Terry felt pain in his right (news / knee).
3. (So far /Although) doctors had to cut off his leg, Terry decided to run across Canada.
4. He had to (quit / inspire) when his cancer came back.
5. Terry is a (national / young) hero who has raised a lot of money for cancer research.

B. Unscramble the sentences. Rewrite the sentences in order.

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

C. Write the correct words from the box.

Over \$400 million	22	April 12, 1980	1958	143
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1. What year was Terry Fox born in? _____
2. When did Terry start his Marathon of Hope? _____
3. How many days did Terry run? _____
4. How old was Terry when he died? _____
5. How much has the Terry Fox Run raised so far? _____

Class

Name

Unit 4 – The Boy Who Grew His Hair

A. Choose the correct answer.

1. Vinny is a very (generous / rare) boy who always helps people.
2. His story is sad, but he is (optimistic / painful).
3. Kids laughed at his long hair, but he didn't mind the (battle / criticism).
4. Doctors discovered that Vinny had a (swollen / rare) bone cancer.
5. Now the (brave / tragic) boy is fighting against cancer.

B. Match the sentences. Rewrite the sentences in order.

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

Questions continue next page

C. Match the correct questions and answers.

- | | | |
|------------------------------------------|---|-------------------------------------------|
| 1. Why did Vinny donate his hair? | * | * a. A wig |
| 2. How long did Vinny grow his hair for? | * | * b. 13 inches |
| 3. How much hair did he donate? | * | * c. Two years |
| 4. What did doctors discover? | * | * d. To make wigs for kids
with cancer |
| 5. What will Vinny need? | * | * e. That Vinny had cancer |

Class

Name

Unit 5 – How to Be a Writer

A. Fill in the blank with the correct word.

1. The internet is a good place to s_____ ideas.
2. People who write b_____ write about their hobbies or travels.
3. Bloggers can write about their d_____ lives.
4. Writers have the f_____ to write about anything they want.
5. Advertisers will n_____ when a writer has become popular.

B. Match the sentences. Rewrite the sentences in order.

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

Questions continue next page

C. Circle T for true or F for False.

- | | |
|-------------------------------------------------------------|-------|
| 1. Followers are people who read blogs often. | T / F |
| 2. Advertisers give feedback to followers. | T / F |
| 3. Advertisers want bloggers to write about their passions. | T / F |
| 4. Bloggers can make money by working with advertisers. | T / F |
| 5. A blogger's work should be fun to read. | T / F |

Class

Name

Unit 6 – Time Machine

A. Fill in the blank with the correct word.

1. *The Time Machine* is a famous s_____ book.
2. In *The Time Machine*, a man i_____ that it is possible to travel through time.
3. To the man's s_____, his time machine works!
4. In the future world, he d_____ creatures called the Eloi.
5. The Eloi are simple and p_____ people who help the man.

B. Match the sentences. Rewrite the sentences in order.

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

Questions continue next page

C. Match the correct questions and answers.

- | | |
|-------------------------------------------------------------------|----------------------------------|
| 1. Where does the time machine take the man? * | * a. 800,000 years in the future |
| 2. What does the future Earth seem like at first? * | * b. The Morlocks |
| 3. What does the man find while searching for his time machine? * | * c. Underground |
| 4. Where do the Morlocks live? * | * d. Read the book |
| 5. How can you find out what happens at the end? * | * e. Paradise |

Class

Name

Unit 7 – The Two Faces of Dr. Jekyll

A. Choose the correct answer.

1. Oscar hates reading and (will be / would rather) play soccer outside.
2. Oscar wants to (change / borrow) a book from Katie.
3. Dr. Jekyll always worked in his (library / laboratory).
4. He made a potion, drank it, and his appearance and (personality / research) changed.
5. Mr. Hyde was very dangerous and (violent / generous).

B. Unscramble the sentences. Rewrite the sentences in order.

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

C. Match the correct questions and answers.

- | | | |
|--------------------------------------------------------|---|-------------------------------|
| 1. Who was Dr. Jekyll? | * | * a. He turned into Mr. Hyde. |
| 2. What did Dr. Jekyll make
in his laboratory? | * | * b. A potion |
| 3. What happened after Dr. Jekyll
drank the potion? | * | * c. Control Mr. Hyde |
| 4. What violent thing did Mr. Hyde do? * | | * d. He killed a person. |
| 5. What couldn't Dr. Jekyll do? * | | * e. A quiet scientist |

Class

Name

Unit 8 – The Real Robin Hood?

A. Fill in the blank with the correct word.

1. Robin Hood was a h_____ for the people in England.
2. Some people say that Robin Hood was not a r_____ person.
3. These people believe that he is just a l_____.
4. A real man named Robert Hood joined a group to f_____ the King of England.
5. Robert Hood became a r_____ living in the woods.

B. Unscramble the sentences. Rewrite the sentences in order.

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

C. Circle T for true or F for False.

- | | |
|----------------------------------------------------------------|-------|
| 1. Robin Hood took things from poor people. | T / F |
| 2. There was a real man named Robert Hood in the early 1300s. | T / F |
| 3. Robert Hood's group won against the King of England's army. | T / F |
| 4. All the members of Robert Hood's group were killed. | T / F |
| 5. Robert Hood was married before he became a robber. | T / F |

Class

Name

Unit 9 – Living to 150!

A. Choose the correct answer.

1. The (special / average) lifespan for men is just over 68.
2. Medical science has made advances in the past (age / century).
3. Now, people understand the (importance / modern) of avoiding diseases.
4. Scientists believe the (maximum / uncommon) lifespan will be over 122 years.
5. Some scientists think that people could live (forever / ever).

B. Match the sentences. Rewrite the sentences in order.

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

Questions continue next page

C. Write the correct words from the box.

34	recover	122	72	aging
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1. What is the average age for women? _____
2. What was the average lifespan a hundred years ago? _____
3. How old was the oldest person in history? _____
4. What does modern medical techniques help people to do? _____
5. What are scientists studying? _____

Class

Name

Unit 10 – People with Super Taste

A. Fill in the blank with the correct word.

1. A recent s_____ has found that there are three types of tasters.
2. A person's t_____ has a number of taste buds.
3. Super-tasters are more s_____ to strong tastes.
4. Chocolate and coffee have a lot of this b_____ chemical in them.
5. Non-tasters h_____ notice any bitter taste at all.

B. Match the sentences. Rewrite the sentences in order.

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

Questions continue next page

C. Choose the best answer.

1. Which of the following is NOT a group of tasters?

- a. super-taster
- b. average-taster
- c. medium-taster
- d. non-taster

2. What is the difference between the groups of tasters?

- a. hot and cold
- b. men and women
- c. food chemicals
- d. number of taste buds

3. How many taste buds do non-tasters have?

- a. 1
- b. 96
- c. 10%
- d. 425

4. How many percentage of women are super-tasters?

- a. 1%
- b. 10%
- c. 35%
- d. 425%

5. Which of the following is a super-taster sensitive to?

- a. salt
- b. milk
- c. fish
- d. grapefruit

Class

Name

Unit 11 – Children’s Heights

A. Choose the correct answer.

1. Children grow differently at different (stages / heights) of their lives.
2. Most babies are 50 cm at (birth / regular).
3. They (typically / less) grow between 18 and 25 cm during the first year.
4. During middle school, (faster / growth) speeds up for about two years.
5. This stage of life when children grow fast again (ends / lasts) two years.

B. Unscramble the sentences. Rewrite the sentences in order.

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

C. Match the correct questions and answers.

- | | |
|----------------------------------------------------------------|--------------------------------|
| 1. In what year does growth slow down? * | * a. 10 to 12 cm |
| 2. How many centimeters do babies grow in their second year? * | * b. Fall and winter |
| 3. How many centimeters do children between 2 and 9 grow? * | * c. When children grow faster |
| 4. In what seasons do children grow the slowest? * | * d. 6 cm |
| 5. What is a growth spurt? * | * e. The second year of life |

Class

Name

Unit 12 – Your Powerful Lungs

A. Fill in the blank with the correct word.

1. The (lungs / bodies) are very important organs.
2. The lungs are responsible for sending (oxygen / organs) into the blood.
3. The lungs are not (equal / upper) in size.
4. We use air to breath, sing, laugh, and (fill / whistle).
5. The organs in our bodies keep us (giant / alive).

B. Match the sentences. Rewrite the sentences in order.

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

Questions continue next page

C. Choose the best answer.

1. What does your heart need the lungs for?

- a. two lobes b. healthy blood c. one minute d. tiny pockets

2. What color are healthy lungs?

- a. pink b. white c. blue d. purple

3. What does the body use air for?

- a. oxygen b. sponge c. room d. lobes

4. What gets bigger when you breathe air in?

- a. eye b. mouth c. heart d. chest

5. How many times do we breathe every minute?

- a. 2 b. 6 c. 15 d. 60

Class

Name

Unit 13 – Big Data and Math

A. Fill in the blank with the correct word.

1. Companies g_____ data from online activities.
2. Companies can get data from e_____ who plays an online game.
3. The data is h_____ for finding the best age for their advertising targets.
4. Teachers can also use big data to learn about their p_____.
5. If you love numbers and m_____, you can work with big data as a career.

B. Match the sentences. Rewrite the sentences in order.

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

Questions continue next page

C. Circle T for true or F for False.

1. There is a lot of data from online activities. T / F
2. Companies look at every bit of data they collect. T / F
3. Companies throw away the data they gather. T / F
4. Big data can be used to help companies find new customers. T / F
5. Big data can show teachers where students need more help. T / F

Class

Name

Unit 14 – The Origin of Measurement

A. Fill in the blank with the correct word.

1. Inches and feet are u_____ of measurement.
2. A long time ago, people used their t_____, feet, and elbows to measure things.
3. D_____ the French Revolution, the metric system was developed.
4. The meter is the b_____ unit.
5. At first, the people of France did not a_____ the new system.

B. Unscramble the sentences. Rewrite the sentences in order.

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

Questions continue next page

C. Write the correct words from the box.

3	body parts	French scientists	a cubit	100 cm
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1. What was used to measure things a long time ago? _____
2. What was the distance between an elbow to the end of a finger called?

3. Who created the metric system? _____
4. What is one meter equal to? _____
5. How many countries use the Imperial system today? _____

Class

Name

Unit 15 – Beautiful Examples of Balance in Nature

A. Choose the correct answer.

1. A (symmetry / pattern) is a design that is repeated.
2. Bees make (tiny / center) shapes that have six equal sides.
3. Bees (store / waste) honey in the honeycomb.
4. Peacocks have patterns on their tail (halves / feathers).
5. The male birds' tail feathers are (attractive / spaced) to the female birds.

B. Unscramble the sentences. Rewrite the sentences in order.

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

C. Choose the best answer.

1. What is the shape with six equal sides called?

- a. wax
- b. honeycomb
- c. hexagon
- d. pattern

2. What is an example of bilateral symmetry?

- a. space
- b. spider webs
- c. bees
- d. peacocks

3. What is bilateral symmetry?

- a. An object with two same halves
- b. A repeated pattern
- c. A center point
- d. A circle with lines

4. What kind of symmetry do have spider webs have?

- a. full
- b. radial
- c. wallpaper
- d. bilateral

5. What the spider web design do?

- a. Makes the web stronger
- b. Helps spiders store food
- c. Helps spiders sleep
- d. Makes male spiders attractive

Class

Name

Unit 16 – Probability

A. Fill in the blank with the correct word.

1. Probability is the p_____ something happening.
2. The o_____ of many events cannot be predicted.
3. E_____ use math to find out how likely something will happen.
4. You have one in six chances of rolling a 3 on a d_____.
5. The chance of getting hit by l_____ is one in 12,000.

B. Unscramble the sentences. Rewrite the sentences in order.

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

Questions continue next page

C. Write the correct words from the box.

one in 175 million nine three six three-in-nine

1. How many possible outcomes are there when rolling a dice? _____
2. How many possible outcomes are there when playing Rock, Paper, Scissors?

3. What is the probability of winning at Rock, Paper, Scissors? _____
4. How many ways can you tie in Rock, Paper, Scissors? _____
5. What are your chances of winning a big lottery? _____