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Unit 1. Robot Helpers

Robots are already a part of daily life. Factories use robots to make products. ① Engineers are working on a variety of helper robots for people to use in hospitals and in their homes.

Some robots can move and talk a little like people. These provide fun interactions. ② They can guide a person's movements to help them overcome physical challenges. ③ Some people have difficulties with social skills and speech. ④

[A-D] Complete the sentence. Then add the sentence to the right place.

A. can help / practice. / them / Robots

Robots can help them practice.

B. can teach / too. / valuable lessons, / robots / But

C. important body motions. / can help / learn / that person / They

D. food orders / Robot servers / in restaurants. / can take

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Unit 2. Confidence Through Volunteering

① We help our friends and family, and we usually feel good afterward. ② Volunteering isn't just a nice thing to do. It can even make us more confident.

A researcher studied kids between the ages of 11 and 14. Every year for four years, she asked them to describe how they helped others. ③ Teens who helped both loved ones and strangers had higher self-esteem one year later.

④

[A-D] Complete the sentence. Then add the sentence to the right place.

A. every day. / try to be kind / to the people / Many of us / we see

B. friends and family / Teens / did not. / who only / helped

C. However, / is important / helping strangers / as well.

D. about themselves. / also asked them / She / how they felt

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Unit 3. A National Hero

Terry Fox was born in Canada in 1958. While growing up, Terry loved to play sports. ① He went to a doctor and got some terrible news. He had cancer. ②

Terry didn't let that stop him. He learned how to use an artificial leg. ③ But now, Terry wanted to do more. While in the hospital, Terry met other young cancer patients. He decided to run across Canada to raise money for cancer research. ④

[A-D] Complete the sentence. Then add the sentence to the right place.

A. play sports. / continued / He / to

B. cut off / The doctors / Terry's right leg. / had to

C. the Marathon / this / He called / of Hope.

D. developed pain / Terry / When he was 18, / in his right knee.

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Unit 4. The Boy Who Grew His Hair

Vinny Desautels has always been a generous boy. ① Often, they lose their hair because of their medicine. They need wigs. ②

But first, he had to let it grow long. ③ His hair grew below his shoulders. Some other kids thought he looked strange. They even laughed at him. ④ He knew it was for a good cause.

[A-D] Complete the sentence. Then add the sentence to the right place.

A. haircuts. / stopped / Vinny / getting

B. that some kids / he found out / get cancer. / When he was five,

C. didn't mind / But / Vinny / the criticism.

D. his hair. / wanted to help, / decided to donate / so he / Vinny

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Unit 5. How to Be a Writer

Blogs provide freedom for writers. ① Many write about their hobbies or travels. Some just write about their daily lives. Blogs let writers write about their passions.

Also, blogs can help improve a writer's work. There are millions of blogs online. To succeed, the writing must be interesting and original. ② Bloggers can get feedback from readers and other writers. ③

When a writer has a lot of readers, advertisers begin to notice. ④ Advertisers might ask the blogger to write about their products

[A-D] Complete the sentence. Then add the sentence to the right place.

A. will help / This / a blogger / readers. / attract

B. better and better. / their writing / That way, / gets

C. They want / to reach / the opportunity / those readers.

D. they choose. / write about / can / Bloggers / anything

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Unit 6. The Time Machine

One of the earliest and most famous science fiction books is The Time Machine. ① The Time Machine is about a creative man who insists it is possible to travel through time. He builds a time-travel machine. ②

The future Earth is very different. ③ The Eloi are a happy, simple, and peaceful people. ④ At first, he enjoys his visit to the future very much. The future Earth seems like paradise.

[A-D] Complete the sentence. Then add the sentence to the right place.

A. and give him / help him / food / They / to eat.

B. into the future! / 800,000 years / he tries it out, / it takes him / When

C. the Eloi. / The people / call themselves / he meets

D. was written / in 1895. / by H. G. Wells / It

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Unit 7. The Two Faces of Dr. Jekyll

In the story, Dr. Jekyll is a nice, hard-working scientist. ① He has a troublesome friend named Mr. Hyde. Hyde is dangerous and violent. ② But the story has a big surprise: ③ Dr. Jekyll has invented a special liquid. When he drinks it, he becomes the dangerous Mr. Hyde. For a while, he enjoys being two different people. But then something goes wrong. ④ Now what should he do? Can he live as Mr. Hyde forever?

[A-D] Complete the sentence. Then add the sentence to the right place.

A. in his laboratory. / always doing / He is / research

B. cannot change / Dr. Jekyll. / back into / He

C. someone. / even / He / kills

D. Jekyll and Hyde / same / person! / are the

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Unit 8. The Real Robin Hood?

We know that in the early 1300s, a man named Robert Hood lived in England. He joined a group to fight against the king, but the group lost. ① For years, he was part of a group of robbers living in the forest. Maybe he was the hero that people now call Robin Hood.

But not everything about Robert Hood's life matches the stories. ② In the stories, Robin Hood fell in love with a woman named Maid Marian. ③ ④

[A-D] Complete the sentence. Then add the sentence to the right place.

A. then had to / in the woods. / hide / They

B. Matilda. / was / wife's name / His

C. long before / In contrast, / a robber. / Robert was married / he became

D. Maid Marian. / One difference / is

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Unit 9. Living Longer

Over the past century, medical advances have improved children's health.
① Now the average lifespan for women is just over 72 years. ② Of course, some people live much longer than average. ③
Lifespans in most countries are still going up. ④ Most scientists say that 123 is close to the maximum lifespan for humans.

[A-D] Complete the sentence. Then add the sentence to the right place.

A. forever. / probably cannot / they / keep rising / But

B. over 68. / For men, / is just / it

C. medical care / of all ages / as well. / People / get better

D. in history / to 123. / The oldest person / lived

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Unit 10. People with Super Taste

Some people love spicy foods. ① Scientists now think they know why. Studies have found that people can be divided into three groups: nontasters, medium-tasters, and super-tasters.

② Taste buds are the parts of your tongue that taste food. They are in the tiny bumps that you can see on your tongue. Some people have a lot more of these bumps than others do. ③ Count how many bumps you have in one square centimeter. Non-tasters have about 96, while super-tasters have about 425! Interestingly, studies show that there are many more super-taster women than men. ④

[A-D] Complete the sentence. Then add the sentence to the right place.

A. they have / taste buds. / That means / more

B. stand / Others / them. / can't

C. of all women / while only 10 percent / About 35 percent / are super-tasters, / of men are.

D. of taste buds / among these groups / that they have. / The difference / is the number

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Unit 11. Children's Heights

If you have a younger brother or sister, you may remember how fast he or she grew as a baby. ① During the first year of life, a baby usually grows between 18 and 25 centimeters. ② Growth slows down during the second year of life, when most babies grow only 10 to 12 centimeters more.

After the first year, growth becomes more regular. ③ This growth may be faster during some months. ④ Typically, growth spurts happen more often in spring and summer than at other times of the year.

[A-D] Complete the sentence. Then add the sentence to the right place.

A. at birth. / are about 50 centimeters / most babies / That is a lot, / considering

B. per year. / Between the ages of 2 and 9, / grow about / 6 centimeters / most children

C. These / "growth spurts". / called / are

D. look back / baby photos. / If not, / at your own

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Unit 12. Your Powerful Lungs

Many people think of the heart as the most important organ in the human body. ① ② Without your lungs, your heart would not have any healthy blood to circulate.

③ They are not equal in size, as the left lung is a little smaller to make room for your heart. Healthy lungs are pink and look like giant sponges. When you breathe in, your chest gets bigger because tiny pockets in your lungs fill with air. Air has oxygen, and the lungs send the oxygen into your blood. ④

[A-D] Complete the sentence. Then add the sentence to the right place.

A. to the rest / Your blood / this oxygen / of your body. / then carries

B. equally / However, / are / your lungs / important.

C. upper chest. / are / Your lungs / your / in

D. for putting oxygen / They / are responsible / into your blood.

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Unit 13. Big Data and Math

For example, think about a video game you like. ① This data includes how long you played, players you talked with online, even how many times you played that day.

Of course, just gathering data is not enough. ② Experts in statistics look for patterns and trends. ③ They learn which cities have the most players. They discover what players like and don't like. ④

[A-D] Complete the sentence. Then add the sentence to the right place.

A. each time / is collected / online to play. / Data / you go

B. they learn / age of the players. / By studying / the average / gaming data,

C. the numbers / In order to / be studied. / be useful, / the numbers must

D. This helps / find new customers / their games. / companies / and improve

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Unit 14. The Origin of Measurement

If you visit the U.S., you will notice something about the road signs: They measure distance in miles, not kilometers. Miles, feet, and inches are units of measurement in the Imperial system. ① This system is centuries old. An inch was originally defined as the width of a thumb. A foot was the length of a man's foot. ② Similar units were used in other countries, but their exact lengths differed from place to place. ③

In the 1790s, a team of French scientists decided to develop a common system of measurement. ④ The meter is the basic unit.

[A-D] Complete the sentence. Then add the sentence to the right place.

A. was / 1,000 steps. / A mile

B. a lot of / This / confusion. / caused

C. because / in the former British Empire. / It is called "Imperial" / it was used

D. the metric system. / The result / was

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Unit 15. Balance in Nature

Honeycombs have wallpaper symmetry. The shapes in the pattern are repeated over a surface. Bees use wax to form the pattern of a honeycomb. ① These shapes are called hexagons. ② This creates the maximum amount of room to store honey.

③ That is when an object can be divided into two halves that are exactly the same. Peacocks, which are male birds, have this symmetry in their body shape and on their tail feathers. ④

[A-D] Complete the sentence. Then add the sentence to the right place.

A. no space / fit together perfectly / is wasted. / They / so that

B. six equal sides. / make shapes / They / that have

C. bilateral symmetry. / an example of / are / Peacocks

D. them / to female birds / very attractive / of their kind. / It makes

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Unit 16. Probability

When we predict future events, we usually can't be certain we're right. ①
② Simply divide the number of outcomes you are predicting by the number of all possible outcomes.
③ Imagine you want to roll a 3. That is one possible outcome. But there are six total possible outcomes: a 1, 2, 3, 4, 5, or 6. ④

[A-D] Complete the sentence. Then add the sentence to the right place.

A. useful. / That is / probability / when / is

B. of rolling a 3. / Therefore, / one-in-six chance / there is a

C. how likely it is, / The probability / expressed as a number. / of an event / is

D. the roll of a die. / A good example / is