

Class

Name

Unit 1. Robot Helpers

Word	PoS	English Definition	Sample Sentence
person	n.	a human being	There is a person at the door.
variety	n.	many different types	There is a large variety of fruit available at the supermarket.
daily	adv.	happening every day	The newspaper comes out daily, so it always reports the latest news.
provide	v.	to give or supply something that someone needs	My father provided me with a great education.
especially	adv.	more than other things or people, or more than usual	Dinner with my family was especially good tonight.
teach	v.	to help someone learn about something or how to do something	My mom and dad teach mathematics at the high school.
overcome	v.	to be successful during a hard time	He overcame his shyness and gave a beautiful speech.
advance	n.	a new discovery or invention	This study will help scientific advances
children	n.	a young girl or boy	Joy can't walk to school alone. She's a child.
guide	v.	to show or help	He gently guided her back to her chair.
challenge	n.	something difficult	He faces the hardest challenge.
product	n.	something that is made or grown to be sold	The company makes computer products that it sells online.
speech	n.	the act of talking	I have to give a speech to my class at my graduation.
future	n.	a time that has not happened yet	I think that cars will fly in the future.
important	adj.	necessary or very useful	His email is important so I want you to read it.

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Unit 2. Confidence Through Volunteering

Word	PoS	English Definition	Sample Sentence
stranger	n.	someone you do not know	Kids should not talk to strangers.
crisis	n.	a very difficult time	Many European countries had a financial crisis after the war.
volunteering	v.	to offer to do something without being asked to do it	Rob volunteered to look after the kids.
nice	adj.	acting in a pleasant and enjoyable way	My brother is nice because he shares his games.
satisfied	adj.	happy with; content	Are you satisfied with the new arrangement?
afterward	adv.	at a later time, after something else has happened	I did my homework and went swimming afterwards.
extra	adj.	additional; more	Our teacher gave us extra homework because we were being noisy in class.
feel	v.	to be emotional about something	I feel happy whenever I visit the beach.
rewarding	adj.	worthwhile; valuable	I have a rewarding experience.
confidence	n.	a feeling of being sure or certain of something	I have confidence that my teacher will help me learn math.
library	n.	a place where there are many books to borrow	I borrow books from the library at school.
organize	v.	to put into order	I organized all of the socks in my drawer by color.
elderly	adj.	old and past middle age	My elderly aunt needs help getting to the grocery store.
self-esteem	n.	belief and confidence in your own ability and value	She suffers from low self-esteem
wonderful	adj.	very good; fantastic	I had a wonderful time with my family.

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Unit 3. A National Hero

Word	PoS	English Definition	Sample Sentence
cancer	n.	a disease caused by tumors	People who smoke increase their risk of lung cancer.
national	adj.	related to the whole country	Public health is a national issue that affects the whole country.
grow up	v.	to become older or an adult	She grew up in Madrid.
decide	v.	to choose something after thinking about it	She takes a long time to decide what to eat.
artificial	adj.	being made by a person and not found in nature	I have artificial plants in my office because they don't die.
knee	n.	the part of the leg that bends at the middle	Bend your knees to jump high.
let	verb	to allow or permit	My mom and dad let me watch TV after I do my homework.
Although	conj.	despite the fact that	Although Tom is athletic, he does not like playing sports.
research	n.	careful study to find and report new knowledge	She does research into language development.
in memory of	phr.	make or done to honor someone who has died	He founded the charity in memory of his late wife
million	n.	the number 1,000,000	He was very rich because he had 10 million dollars.
quit	v.	to stop doing something	My sister quit her job, so she stays home.
cut off	v.	to stop providing something such as electricity or water	If we don't pay the bill, the gas will be cut off.
So far	adv.	until now	What do you think of the show so far?
hospital	n.	a place where sick people get help	My brother is at the hospital because his leg is broken.

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Unit 4. The Boy Who Grew His Hair

Word	PoS	English Definition	Sample Sentence
generous	adj.	willing to give or share	He was generous to pay for everyone's dinner last night.
always	adv.	at all times	I always eat breakfast.
healthy	adj.	not sick or injured	I exercise to be healthy.
rare	adj.	not common or usual	It's very rare to see these birds in winter.
donate	v.	to give money or goods to someone that need help	Four hundred new computers were donated to the college.
criticism	n.	talking about the problems, faults, and weaknesses of a person or thing	The politician's views have attracted a lot of criticism from the public.
below	prep.	under something	The basement is below the kitchen.
haircut	n.	the way you look after someone cuts your hair	I really need a haircut.
medicine	n.	a substance that is used to treat illness of injury	My mom gave me cough medicine for my cold.
help	v.	to do work with someone	I help my mother make dinner.
battle	n.	a fight against a bad situation	There were many battles in the American Civil War.
painful	adj.	hurting or feeling uncomfortable	Getting my tooth taken out at the dentist was very painful.
disease	n.	a type of long-lasting sickness	My grandmother has a lung disease because she smokes.
brave	adj.	showing no fear	The firefighter was brave and saved the child from the fire.
optimistic	adj.	believing that good things will happen in the future	We're optimistic about our chances of success.

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Unit 5. How to Be a Writer

Word	PoS	English Definition	Sample Sentence
publish	v.	to produce and sell a book, magazine, or newspaper	The magazine will publish a story about fashion.
improve	v.	to make something better	Dan improved his grades by studying every night.
hobby	n.	a special activity that someone does for fun	My hobby is painting pictures.
succeed	v.	to do what you are trying to do	He succeeds the project by working hard.
freedom	n.	the condition of being able or allowed to do what you want to do	I have the freedom to do what I want.
daily	adv.	happening every day	The newspaper comes out daily, so it always reports the latest news.
advertiser	n.	a company or person that advertises a product or service	Every time a user clicks on the advertiser's link
passion	n.	something a person feels very strongly about	She always had a passion for cooking.
interest	n.	the feeling of wanting to know more about something	I have always had an interest in science.
original	adj.	existing since the beginning, or being the earliest form of something	Do you still have the original document?
attract	v.	to cause someone to have a liking for or interest in something	People are attracted to the country's beautiful beaches.
notice	v.	to become aware of	I just noticed that you had a haircut.
opportunity	n.	a good chance or situation	Teaching summer school is a great opportunity.
travel	n.	the activity of travelling	I travel every summer vacation.
explore	v.	to look at closely	I would like to explore other countries.

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Unit 6. The Time Machine

Word	PoS	English Definition	Sample Sentence
science fiction	n.	books, films, or cartoons especially about space travel or other planets	There are many science fictions about events that take place in the future
machine	n.	a thing that has parts and uses power to work	Cars are the best machines ever made.
creative	adj.	having an ability to make new things or think of new ideas	She is a very creative person and works as an artist.
insist	v.	to say very firmly that something is true	She insisted on paying for dinner because it was my birthday.
peaceful	adj.	without violence	I found a peaceful spot in the park where there was no noise or people.
paradise	n.	a perfect place or situation	The area is a birdwatcher's paradise.
discover	v.	to find or get information about something for the first time	I discovered a great new restaurant before it became popular.
friendly	adj.	being nice to others	You must be friendly if you want friends.
underground	adj.	located or occurring below the surface of the Earth	Paul parked in an underground parking lot.
adventure	n.	an exciting and sometimes dangerous experience	I went on an adventure in Peru last summer.
scary	adj.	making people feel afraid	I don't like watching horror movies because they are scary.
quite	adv.	a little of a lot but not completely	I'm not quite ready for dinner, but I will be in five minutes.
build	v.	to make something	I build houses with my blocks.
entertain	v.	to keep someone interested and help them enjoy themselves	Actors entertain people during a musical.
begin	v.	to start doing something	Class begins at 9 o'clock.

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Unit 7. The Two Faces of Dr. Jekyll

Word	PoS	English Definition	Sample Sentence
good	adj.	being convenient or suitable for a purpose	Is this a good time to talk? Are you free right now?
suddenly	adv.	quickly and unexpectedly	I suddenly recognized who she was.
dangerous	adj.	being unsafe or risky	Walking alone at night is dangerous.
evil	adj.	very cruel, bad, or harmful	The evil character killed the princess.
hard-working	adj.	always doing a lot of work	She is hard-working student.
invent	v.	to create a new type of thing	Every year people invent new words that go in the dictionary.
research	n.	careful study to find and report new knowledge	She does research into language development.
troublesome	adj.	causing a lot of problems, especially over a long period of time	This is a small but troublesome work.
laboratory	n.	a room used for scientific work	The scientists study in the laboratory.
change	v.	to make something different	I am changing the time of the party from 1pm to 2pm.
violent	adj.	involving the use of physical force to cause damage	The violent girl stabbed her friend with a pencil.
obviously	adv.	in a way that is easy to understand or see	Obviously, we want to start as soon as possible.
novel	n.	a long-written story about real or imaginary characters and events	He is writing a science-fiction novel about life on other planets.
language	n.	the words people put together to talk to each other	I speak 2 different languages: Japanese and English.
personality	n.	the way you are as a person	My personality is quiet and shy.

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Unit 8. The Real Robin Hood?

Word	PoS	English Definition	Sample Sentence
real	adj.	existing in fact; not imagined	A horse is real, but a unicorn is not.
hero	n.	a person who is admired for great or brave acts	He is a hero for fighting for his country during the war.
rich	adj.	having a lot of money	Rich people can buy a lot of things like cars and houses.
fight	v.	to use physical force to try to hurt someone	My brothers are fighting over who gets to eat the last cookie.
enemy	n.	a person you do not like or who is against you	The girl's enemy pushed her into a wall.
name	v.	to give someone or something a name	We named our son Edward.
hide	v.	to put something of someone in a place where cannot be seen or found	I hide my computer under my bed so my brother doesn't use it.
robber	n.	a criminal who steals money or things	A robber is someone who steals money or property
join	v.	to become a member of a group	I am joining a gym so I can work out there.
before	prep.	earlier	I wash my hands before dinner.
match	v.	to be the same as something else	You have to match each capital city to its country.
marry	v.	to become the husband or wife of someone	My wife and I got married 10 years ago.
difference	n.	a way in which people or things are not the same	I can taste the difference between salt and sugar.
in contrast	adv.	the situation in front and behind is not same and similar.	In contrast, Korean students learn it up to nine.
legend	n.	an old story or set of stories	Legend has it that the lake was formed by the tears of a god.

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Unit 9. Living Longer

Word	PoS	English Definition	Sample Sentence
average	n.	calculated by adding amounts together and dividing by the number of amounts	The student always got average test scores in school.
natural	adj.	bring real and made from nature	The natural yogurt didn't have any added sugar.
worldwide	adj.	everywhere in the world	Ten million copies have been sold worldwide.
often	adv.	many times; frequently	My mom often tells me to be careful when walking home alone.
lifespan	n.	the length of time for which a person, animal, or thing exists	Worms have a lifespan of a few months.
century	n.	a period of 100 years	My grandfather is 98, so he is almost a century old.
survive	v.	to remain alive	It is difficult to survive without water.
rise	v.	to increase	Prices rose by ten percent.
mean	v.	to carry an idea or information	I do not know what any words in Spanish mean.
forever	adv.	for all time	Some people want to live forever but it is impossible to do.
half	n.	the number 1/2	One-half of 1 is 1/2.
history	n.	the study of things that happened in the past	We learned about Independence Day in history class.
close	v.	near in position, time, or condition	Jane closed the window.
maximum	adj.	the largest possible number of amount	I got the maximum score on my math test.
go up	v.	to become higher in level	House prices keep going up.

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Unit 10. People with Super Taste

Word	PoS	English Definition	Sample Sentence
study	n.	a research project; a long experiment	For years, studies have shown the link between smoking and cancer.
scientist	n.	a person who studies things by doing careful tests	I want to be a scientist that studies sharks when I grow up.
tongue	n.	the soft, movable part in the mouth	I burned my tongue when I took a sip of hot tea.
square	n.	the area of a square with sides that are a centimeter/meter/mile, etc. long	A square has four sides that are all the same size.
taste	n.	the flavor of a particular food in your mouth	It 's got a very strong taste.
flavor	n.	the tastes of particular type of food or drink	What is your favorite flavor of ice cream?
bump	n.	to hurt part of your body by hitting it against something hard	I bumped my head on the door.
sensitive	adj.	affected by or able to notice small changes	Joan is very sensitive and cries easily.
bitter	adj.	having a strong, unpleasant taste	The coffee tastes bitter to me.
certain	adj.	completely sure	I am certain the baseball game starts at 6 p.m.
notice	v.	to see, hear or understand something for the first time	I just noticed he is missing.
chemical	n.	a substance that is sometimes made by a chemical process	It's dangerous to drink chemicals.
tiny	adj.	very small	The baby bird was tiny when it was first born.
grapefruit	n.	a large, yellow-orange fruit with a slightly strong taste	Lemon and grapefruit is a common citrus fruit.
divide	v.	to separate something into two or more parts	I will divide the cookie into three pieces.

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Unit 11. Children's Heights

Word	PoS	English Definition	Sample Sentence
birth	n.	coming into life or being born	I watched the birth of a baby elephant.
photo	n.	a picture taken with a camera	I like to take photos with my camera.
growth	n.	an increase in size	He had a growth spurt last year and is now 5'10.
during	prep.	happening at a time	I eat during lunch.
considering	prep.	used for saying that you have a particular opinion about something, because of a particular fact about it	Considering the weather, we got here really quickly.
regular	adj.	generally or normally	The regular girl was not very tall or very short.
between	prep.	in the middle of two things	I am sitting between my mom and my dad.
typically	adv.	not changing; even	Schools in the area typically start at 8.30.
stage	n.	a step that is only one part of the whole	The stage is higher than the seats so that everyone can see the actors.
last	v.	to continue in time	How long will the meeting last?
reach	v.	to come to a place after travelling	After eight hours in the car, we finally reached Chicago.
height	n.	the measurement of how tall a person or thing is	She is the same height as her mother.
contrast	v.	a great difference between two or more things	The black dress contrasted with the white shoes.
period	n.	a small dot at the end of sentences	What period do you take Math class?
fast	adj.	doing something quickly, not slow	My dog runs fast.

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Unit 12. Your Powerful Lungs

Word	PoS	English Definition	Sample Sentence
lung	n.	a part of your body that helps you breath	We have two lungs, but many people can still breathe with one.
responsible for	phr.	to be the person whose job is to deal with something or someone	The city council is responsible for keeping the streets clean.
think	v.	to have an opinion	What do you think about this movie?
equal	adj.	the same in number, amount, or quality	I cut the cake into eight equal pieces so we all get the same amount.
however	adv.	going to happen anyway	I am busy today; however, I can go tomorrow.
upper	adj.	above something else	The kite was in the upper air
giant	adj.	very great in size	I ate three giant pieces of pizza and am now very full.
circulate	v.	to move around	Hot water circulates through the pipes.
air	n.	the mixture of gases that surrounds the Earth and that we breathe	I cannot see the air that I breathe.
chest	n.	the part of the body below the neck and above the stomach	I can feel my heart beating in my chest.
fill	v.	to make something full	I fill my bottle with water.
whistle	n.	to make a high sound by blowing air through your lips	My coach blew her whistle to end practice.
powerful	adj.	strong; having a great effect	The president is the most powerful person in the country.
keep	v.	to make someone or something stay in a particular state	He keeps his car very clean.
alive	adj.	not dead	Do you know if she is still alive after all these years?

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Unit 13. Big Data and Math

Word	PoS	English Definition	Sample Sentence
include	v.	to have as a part of something larger or more general	Jane asked to be included on the guest list to the party.
business	n.	a company that buys, sells, or makes things	My parents own a business that sells beds.
gather	v.	to collect; to bring together	I gathered the papers all over my desk.
expert	n.	someone with a lot of skill in for knowledge about something	Amy is a computer expert since she studied for 10 years.
talk	v.	to speak about something	I talk to my friends at school.
statistics	n.	the subject that involves collecting and studying numbers to show information	The statistics study is very difficult.
most	adv.	almost all	Most kids like to play games.
trend	n.	a general development or change in a situation	Smartphones are a popular trend around the world.
improve	v.	to make something better	If Dan improves his grades, he will get into a good university.
helpful	adj.	useful	My sister is very helpful. She helps mom clean the house.
education	n.	the process of teaching and learning	She learned a lot during her high school education.
career	n.	a job or profession that someone does for a long time	I chose a career in medicine so now I work as a doctor.
average	n.	calculated by adding amounts together and dividing by the number of amounts	The student always got average test scores in school.
technique	n.	a particular of special way of doing something	It's a new technique.
discover	v.	to find or get information about something for the first time	I discovered a great new restaurant downtown.

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Unit 14. The Origin of Measurement

Word	PoS	English Definition	Sample Sentence
unit	n.	one piece that is part of a bigger thing; a standard measure used to show amounts	Centimeter is a unit of measure.
length	n.	how long something is from one end to the other	The room is over eight meters in length.
originally	adv.	at the beginning	I originally planned to stay for a week, but ended up staying for a month.
visit	v.	to go to a place for a short time	We visited New York to see the museums.
thumb	n.	the short, thick finger that is apart from the other four	I cut my thumb while chopping food, but missed my other fingers.
confusion	n.	a state in which people do not understand what is happening or what to do	The new system has caused a lot of confusion.
define	v.	to say what something means	Can you define the meaning?
road	n.	a hard surface that cars travel on	The roads are very busy.
result	n.	the outcome of something	Three scientists got the same results.
basic	adj.	serving as the base or stating point	The basic part of a car is the engine.
distance	n.	the amount of space between two places	What is the distance from your house to the park?
equator	n.	an imaginary line around the middle of the Earth between the North and South Poles	The county is positioned above the terrestrial equator
require	v.	to need something	Humans require food for living.
accept	v.	to approve or agree to something	Will you accept this ring?
officially	adv.	according to what is approved by the government or someone in power	The new hospital was officially opened yesterday.

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Unit 15. Balance in Nature

Word	PoS	English Definition	Sample Sentence
symmetry	n.	the quality of having parts of either side that match each other	The design of the house had a pleasing symmetry.
shape	n.	the outline of something	My birthday cake has a round shape.
pattern	n.	a design that is repeated	I like the pattern of circles and squares on that wallpaper.
honeycomb	n.	a wax structure containing many small holes, made by bees to store their honey	A honeycomb is a wax structure consisting of rows of six-sided spaces
example	n.	a thing that shows what something is like	Brown is an example of a color.
hexagon	n.	a flat shape with six straight sides	A hexagon is a shape that has six straight sides.
divide	v.	to separate something into two or more parts	I will divide the cookie into 3 pieces.
equal	adj.	the same in number, amount, or quality	I cut the cake into eight equal pieces so we all get the same amount.
fit	v.	to be of the right shape and size	The suit fits me perfectly.
space	n.	an empty area that is free to be used	There wasn't enough space for everyone.
waste	v.	to use too much without thinking	Don't waste paper towels when you dry your hands.
object	n.	a thing or an item	He saw many objects that people dropped into the ocean.
store	v.	to keep for later use	He stored his junks in the attic.
feather	n.	one of the soft pieces that covers a bird's body	Peacock feathers are very colorful and beautiful.
attractive	adj.	beautiful or nice to look at	The handsome actor is very attractive.

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Unit 16. Probability

Word	PoS	English Definition	Sample Sentence
event	n.	something that happens that usually involves many people	Big events are things like parties, festivals, and weddings.
certain	adj.	completely sure	I am certain the baseball game starts at 6 p.m.
predict	v.	to say that something will or might happen in the future	Things often change so we cannot predict future events.
useful	adj.	using or doing something helpful	The tools are useful for fixing.
probability	n.	the level of chance that something may happen	What is the probability of winning?
imagine	v.	to make a picture in your mind	Imagine what the people look like as I read the story.
express	v.	to communicate a thought or idea	I hope this gift expresses how much I care about you.
outcome	n.	the final result of an activity or process	We are waiting to hear the final outcome
lightning	n.	flashes of light in the sky	I heard the thunder and saw the lightning.
expert	n.	someone with a lot of skill in for knowledge about something	He is an expert in this field since he studied for 5 years.
lifetime	n.	the period of times that someone is alive	She saw such huge changes in her lifetime.
population	n.	the number of people or animals in an area	The world's population is over 7 billion people.
report	v.	to describe what is happening	The journalist reported the details of the crime.
lottery	n.	a game in which many tickets are sold and a few of the tickets are chosen by chance to win prizes	A lottery is a type of gambling game.
drop	v.	to fall in amount	The stock dropped by 10%.