

Class

Name

Unit 1. Hyperloop

| Word | PoS | English Definition | Sample Sentence |
|-------------|-------|---|---|
| above | prep. | in a higher position than something else | We were flying above the clouds. |
| apart | adv. | away from each other | The two houses stood 300 meters apart. |
| between | prep. | in the middle of two people or things | I sat down between Sue and Jane. |
| billion | n. | the number one followed by nine zeroes | Worldwide sales reached 3.5 billion. |
| cost | v. | to have a particular price | How much would it cost us to replace the engine? |
| float | v. | to stay above the ground without touching it or on the surface of water | She spent the afternoon floating on her back in the pool. |
| ground | n. | the surface of the Earth | I found her lying on the ground. |
| inventor | n. | a person who creates new things | Thomas Edison was a great inventor. |
| magnet | n. | a piece of metal that pulls other metal to it | The magnet attracts iron. |
| passenger | n. | someone traveling in a car, train, plane, or boat | Neither the driver nor the passengers were hurt. |
| pressure | n. | the force on an object | The pressure of the water turns the wheel. |
| ride | v. | to be a passenger on or in a vehicle that moves or travels | He had never learned to ride a bicycle. |
| travel | v. | to visit places other than where one lives | He has travelled extensively in China. |
| tube | n. | a long cylinder with a space inside it | The air in my tube is leaking out little by little. |
| underground | adj. | below the surface of the earth | The parking lot is underground. |

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Unit 2. The City of Moose

| Word | PoS | English Definition | Sample Sentence |
|----------|-------|--|---|
| mind | v. | to be bothered by | I hope you don't mind the noise. |
| moose | n. | a large type of animal with big, flat horns | I used to hunt moose and deer in the countryside. |
| cause | v. | to make something happen | Do they know what caused the fire? |
| few | adj. | not many | Few people understand the difference. |
| special | adj. | not ordinary | We marked the special occasion with a dinner party. |
| look for | ph. | try to find | I am looking for the address of Bill Wilson. |
| plenty | pron. | a large amount of something | There is plenty of comedy in life. |
| branch | n. | a part of tree that grows out from the trunk | He is sitting on a branch of the tree. |
| driver | n. | a person who drives a vehicle | She climbed into the driver's seat. |
| city | n. | a large, important town | The nearest big city was St. Louis. |
| safe | adj. | not in danger of being harmed, lost, or stolen | She doesn't feel safe in the house on her own. |
| wild | adj. | living in a natural state, not changed or controlled by people | Banana trees were growing wild on the edge of the forest. |
| yard | n. | the area around a house, usually covered with grass | The kids were playing in the back yard. |
| climb | v. | to go up something, especially through much effort or using the hands and feet | Boys were climbing trees along the river bank. |
| symbol | n. | something that represents something else | The dove is a symbol of peace. |

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Unit 3. Ways to Travel

| Word | PoS | English Definition | Sample Sentence |
|--------------|-------|---|--|
| airport | n. | a place for airplanes to land and take off | The plane landed at Heathrow Airport. |
| allow | v. | to let someone do something | My parents wouldn't allow me to go to the party. |
| channel | n. | an area of water two areas of land | The word Chunnel is a mix of the words Channel and Tunnel. |
| country | n. | a nation, including its land and its people | He lives in the country, far from the city. |
| great | adj. | very good | The weather here is great. |
| idea | n. | a new thought | It was my wife's idea to move house. |
| later | adv. | at a time after the present time | He became a senator two years later. |
| laugh at | ph. | to show that you think something is funny or amusing | Don't laugh at me! I'm doing my best! |
| now | adv. | at this moment | Where are you living now? |
| possible | adj. | able to be done | Is it possible to get tickets for the game? |
| put together | ph. | to create by joining or gathering parts together | This model was put together incorrectly. |
| slow | adj. | not fast | The car was travelling at a very slow speed. |
| tunnel | n. | a passage that goes under the ground or through a hill, mountain, etc | They drilled a tunnel through the mountain. |
| under | prep. | in or at a place below or beneath someone or something | We sailed under the Golden Gate Bridge. |
| use | n. | consuming or operating something | The software is designed for use in schools. |

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Unit 4. Manaus

| Word | PoS | English Definition | Sample Sentence |
|------------|------|---|---|
| business | n. | the activity of making, buying, or selling things | He works as a business consultant. |
| deep | adj. | extending far down from the top or far back from the front | The castle is on an island surrounded by a deep lake. |
| delightful | adj. | very pleasant | We had a delightful time at your party. |
| electronic | adj. | using or produced by electronic equipment | People are playing with electronic devices. |
| goods | n. | things to buy or sell | The man is putting goods in storage. |
| instead of | ph. | in place of somebody or something | I'll have tea instead of coffee, please. |
| middle | n. | a place or time halfway between two ends or sides | He's right in the middle of something. |
| rainforest | n. | a tropical forest with tall trees that are very close together, growing in an area where it rains a lot | Plants grow quickly in a rainforest. |
| rapidly | adv. | quickly | The child is growing up rapidly. |
| rich | adj. | having a lot of money | She found herself a rich husband. |
| rubber | n. | a strong material that stretches | Rubber and plastic are flexible materials. |
| screen | n. | the part of a television or computer that shows the picture | Her picture appeared on the screen. |
| signal | n. | a sign that gives information | This man ignored the traffic signal. |
| such | adv. | so much; really | It's such a beautiful day! |
| surprised | adj. | having a feeling of surprise | We were greatly surprised at the news. |

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Unit 5. Control Your Dreams

| Word | PoS | English Definition | Sample Sentence |
|-------------|------|--|--|
| asleep | adj. | not awake | The baby was sound asleep. |
| change | v. | to cause something to become different | Her life changed completely when she won the lottery. |
| control | v. | to have power over something | Strictly speaking, you need to control yourself. |
| developer | n. | a person or an organization that works on a new idea, product etc. to make it successful | This product is available directly from the developer. |
| enter | v. | to come or go into something | He entered the store. |
| fantasy | n. | interesting thoughts and visions in the mind, somewhat like a dream | I have a fantasy of meeting aliens. |
| ideal | adj. | perfect | He is my ideal type. |
| imagine | v. | to think of someone or something | Imagine that you have just won a million pounds. |
| practice | v. | to do something again and again | You need to practice fixing the engine as well. |
| send out | ph. | to broadcast or produce a signal, light, sound etc. | The sun sends out light to the earth, and part of that light is invisible UV rays. |
| sense | v. | to know, feel, or understand | Lisa sensed the earthquake. |
| temperature | n. | how hot or how cold something is | The thermometer measures temperature. |
| track | v. | to follow the trail of a person or other creature | The research project involves tracking the careers of 400 graduates. |
| wave | n. | the form that some types of energy such as heat, sound, light, etc. take as they move | His brain wave activity is normal. |
| whole | adj. | the entire thing; not just a part | He ate the whole pizza. |

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Unit 6. The Science of Sleep

| Word | PoS | English Definition | Sample Sentence |
|---------------|------|--|--|
| active | adj. | busy doing things, especially physical or mental activities | She's over 80 but is still very active. |
| get rid of | ph. | to remove or throw away | Let's get rid of the garbage. |
| grow | v. | to increase in amount, size, number, or strength | But if I water the lawn, the grass will grow. |
| grumpy | adj. | being in a bad and unhappy mood | Mina's always a bit grumpy first thing in the morning. |
| immune system | n. | a system in the body that fights infections and diseases | Stress can weaken your immune system. |
| information | n. | facts, data, details, and knowledge about things | According to my information, work was due to start last week. |
| lie | v. | to put oneself in a flat position | Don't lie in the sun for too long. |
| muscle | n. | tissue in the body that moves body parts | She tried to relax her tense muscles. |
| phase | n. | one of the stages of a process of development or change | It's just a phase he's going through. |
| refreshed | adj. | having new strength or energy | After a deep sleep, I feel refreshed. |
| relax | v. | to become less worried | Just relax and enjoy the movie. |
| repair | v. | to fix something | How long will it take to repair it? |
| reset | v. | to place something in the correct position again | Push the button to reset the machine to its original settings. |
| strengthen | v. | to become stronger or make something stronger | Our friendship has steadily strengthened over the years. |
| tissue | n. | a collection of cells that form the different parts of humans, animals, and plants | As we age, we lose muscle tissue. |

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Unit 7. Sleeping Habits

| Word | PoS | English Definition | Sample Sentence |
|---------------|------|--|--|
| adequate | adj. | enough | The room was small but adequate. |
| amount | n. | a quantity of something | We've had an enormous amount of help from people. |
| approximately | adv. | about; around | The plane will be landing in approximately 20 minutes. |
| concentrate | v. | to give a lot of attention | Adrian was finding it difficult to concentrate. |
| enable | v. | to make something possible | Money will enable you to do anything and everything. |
| grade | n. | a mark given on an exam or for a piece of school work | She got good grades on her exams. |
| habit | n. | a usual way of acting | You need to change your eating habits. |
| improve | v. | to become better than before | I hope my French will improve when I go to France. |
| internal | adj. | connected with the inside of your body | The medicine is not for internal use. |
| lack | n. | a shortage of something | The trip was cancelled due to a lack of interest. |
| performance | n. | how well someone or something does work or an activity | This evening's performance will begin at 8o'clock. |
| regular | adj. | usual; typical; normal | Do you get regular exercise? |
| respond | v. | to say or do something as a reaction | Dave didn't respond to any of her emails. |
| serious | adj. | bad or dangerous | The consequences could be serious. |
| simple | adj. | easy to understand or do | The answer is really quite simple. |

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Unit 8. Sweet Dreams

| Word | PoS | English Definition | Sample Sentence |
|-------------|------|---|---|
| affect | v. | to cause something to happen or change | Your opinion will not affect my decision. |
| agree | v. | to have the same opinion | I'm afraid I don't agree with that. |
| avoid | v. | to keep away from | I left early to avoid the rush hour. |
| experiment | n. | a test to find something out | The result of the experiment was interesting. |
| interesting | adj. | causing interest or curiosity | That's an interesting question. |
| interview | v. | to have a meeting where someone asks questions to get information | We interviewed ten people for the job. |
| make sure | ph. | to check something and be certain about it | I wanted to make sure you were alright. |
| next | adj. | following; nearest in sequence after | The next train to Baltimore is at ten. |
| result | n. | the outcome of an event | His success in business is a result of his hard work. |
| rotten | adj. | food that is too old, spoiled, and not good to eat | The fruit is starting to go rotten. |
| scientist | n. | someone who studies and works in science | The scientist is planning to begin a new experiment. |
| seem | v. | to appear to be a certain way | Ann didn't seem very pleased. |
| smell | v. | to sense something with the nose | Dinner smells good. |
| terrible | adj. | very bad | I've just had a terrible thought. |
| test | v. | to use or try a machine, substance, etc. to find out how well it works or to find out more information about it | The water is regularly tested for purity. |

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Unit 9. The History of Drones

| Word | PoS | English Definition | Sample Sentence |
|-------------|------|--|--|
| advanced | adj. | greatly developed from an earlier stage | Sweden has a reputation for advanced and stylish design. |
| battlefield | n. | a place where a battle is being fought or has been fought | He was wounded on the battlefield. |
| deliver | v. | to take something to someone | The morning mail has just been delivered. |
| exist | v. | to happen or be present in a particular situation or place | Opportunities exist for students to gain sponsorship. |
| machine | n. | a device created to do some kind of work | Is the washing machine working now? |
| military | n. | relating to the armed forces and soldiers | The United States is prepared to use military force to achieve its aims. |
| movement | n. | moving; changing position in time or space | There was no sign of movement. |
| pilot | n. | someone who flies a plane | He was trained as a pilot. |
| rescue | v. | to save somebody/something from a dangerous or harmful situation | You rescued me from an embarrassing situation. |
| reusable | adj. | able to be used again | We can save money by using reusable things. |
| revolution | n. | a sudden, very big change | In the last ten years, there has been a revolution in education. |
| search | v. | to look for something or someone | It was too dark to search further. |
| set off | ph. | to leave for something or some place | We set off for Springfield three hours late. |
| situation | n. | what is happening at some time and place | We have all been in similar embarrassing situations. |
| target | n. | a mark to shoot at | I slowly aimed at the target. |

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Unit 10. Amelia Earhart

| Word | PoS | English Definition | Sample Sentence |
|------------|------|--|---|
| accident | n. | a sudden, serious event that causes a problem | He was killed in an accident. |
| afraid | adj. | feeling fear | Are you afraid of spiders? |
| be able to | ph. | can; to have the ability to | Will I be able to use the ticket at any time? |
| become | v. | to start to be something | She's studying to become a teacher. |
| cloudy | adj. | covered with clouds; with a lot of clouds | The next night was dark and cloudy. |
| famous | adj. | known about by many people in many places | She was more famous as a writer than as a singer. |
| first | adj. | before any others; number one | I was the first one to ask the question. |
| fly over | ph. | to soar or glide over someone or something | We saw an eagle fly over us. |
| invite | v. | to ask someone to do something with you | Have you been invited to their party? |
| island | n. | a piece of land that is completely surrounded by water | We spent a week on the Greek island of Kos. |
| land | v. | to take an airplane down to the ground | The pilot landed the plane safely. |
| problem | n. | a thing that is difficult to deal with or to understand | Let me know if you have any problems. |
| run into | ph. | to want to do something and take action to do it | Be careful not to run into debt. |
| trip | n. | a journey between two places | We went on a trip to the mountains. |
| try | v. | to attempt; to put effort into something to make it happen | Don't try to do it too quickly. |

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Unit 11. Chuck Yeager

| Word | PoS | English Definition | Sample Sentence |
|------------|------|---|---|
| aircraft | n. | a machine that can fly | The Air Force maintains many kinds of aircraft. |
| astronaut | n. | someone who travels and works in a spacecraft | This girl wants to be an astronaut. |
| distance | n. | the amount of space between two places or things | Measure the distance between the two points. |
| flight | n. | flying; a trip made by an airplane | I'm leaving on the New York flight. |
| hero | n. | someone who is honored and respected for bravery or courage | He is the hero of the movie Iron Man. |
| impossible | adj. | not able to be done | It is impossible to finish the work on time. |
| join | v. | to become a member of an organization, a company, a club, etc. | She joined the company three months ago. |
| mark | n. | a particular level, number, amount etc. | In 1976, unemployment in Britain passed the one million mark. |
| mechanic | n. | someone who fixes machines | The mechanic is seated on the floor of the car. |
| pioneer | n. | someone who is the first to do something | He is a pioneer in computer programming. |
| reach | v. | to arrive at; to get as far as | We reached the airport on time. |
| serve | v. | to do a job | He served as a waiter there. |
| sound wave | n. | the movement of air as it travels away from the source of the sound | Sound waves cannot travel through a vacuum. |
| speed | n. | how fast something moves | The speed of that car was incredible. |
| train | v. | to teach someone the skills of a particular job or activity, or to be taught these skills | All staff will be trained in customer service skills. |

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Unit 12. Try, Crash, Fly

| Word | PoS | English Definition | Sample Sentence |
|------------|------|---|--|
| again | adv. | one more time | When will I see you again? |
| almost | adv. | only a little less than; nearly | It was almost midnight. |
| balloon | n. | a thin rubber bag filled with air or gas | A balloon is floating high up in the air. |
| build | v. | to make something, especially a building, by putting parts together | Robins build nests almost anywhere. |
| crash | v. | to hit something hard | The planes crashed each other. |
| dream | v. | to think about something that you would like to happen or have | She dreamed of becoming a chef. |
| engine | n. | a machine that changes energy into motion | He switched off the car's engine and waited. |
| fix | v. | to repair | Ellis was able to quickly find and fix the problem. |
| gift | n. | a thing that you give to somebody, especially on a special occasion or to say thank you | This watch is just the thing for a wedding gift. |
| helicopter | n. | a kind of aircraft | The only way to reach the island is by helicopter. |
| model | n. | a copy of something, usually smaller than the original object | The boy devoted his attention to constructing a model plane. |
| receive | v. | to get | She received a small gift. |
| second | n. | a unit for measuring time | Hold your breath for six seconds. |
| take | v. | to need or use; to require | It doesn't take much to make her angry. |
| toy | n. | an object for children to play with | The children were playing happily with their toys. |

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Unit 13. New Technologies for Sportswear

| Word | PoS | English Definition | Sample Sentence |
|---------------|-------|--|---|
| appropriate | adj. | right for the time and place | It would not be appropriate for me to discuss that now. |
| clothes | n. | the things that people wear to cover their body or keep warm | What sort of clothes was he wearing? |
| coach | n. | a sports teacher or trainer | The coach called the whole team over. |
| comfortable | adj. | giving a good feeling | This couch is comfortable. |
| each | pron. | every one of two or more things or people, considered separately | She had a bottle in each hand. |
| efficient | adj. | working quickly in an organized way; using time or resources in the best possible way | Modern houses are much more energy efficient. |
| goggles | n. | protective glasses set in a flexible frame (as a rubber or plastic) that fits the face | Wear protection goggles when using power tools. |
| international | adj. | connected with or involving two or more countries | Does your father work in international trade? |
| introduce | v. | to make something happen or exist for the first time | June, let me introduce you to Bob. |
| most | adv. | in or to the greatest degree | I guess the most important thing is your health. |
| piece | n. | a part of something bigger | Can I have a piece of paper? |
| professional | adj. | relating to work that needs special education or training | I think you need to seek professional help. |
| sportswear | n. | clothes that are worn for playing sports, or in informal situations | They have cornered the market in sportswear. |
| technology | n. | the science and study of the mechanical and industrial sciences | There have been major new developments in satellite technology. |
| tiny | adj. | extremely small | The earrings were tiny. |

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Unit 14. Swimming to Survive

| Word | PoS | English Definition | Sample Sentence |
|----------|------|--|---|
| a lot of | ph. | many; lots of | There are a lot of people from every country. |
| calm | adj. | relaxed; not worried, afraid, or excited | It is important to keep calm in an emergency. |
| clearly | adv. | in a way that is easy to see and understand | Slow down and speak more clearly. |
| die | v. | to stop living and become dead | He died in 1985 at the age of 76. |
| drown | v. | being under water and unable to breathe for too long | Two children drowned after falling into the river. |
| happen | v. | to occur; to take place | When did the accident happen? |
| leaf | n. | one of the flat green parts of a plant that are joined to its stem or branches | The plant was almost dead; only one leaf remained. |
| panic | n. | a sudden feeling of strong fear | They were in a state of panic. |
| real | adj. | actual; true | There is no real reason to worry. |
| rise | v. | to increase in number, amount, or value | Sales rose by 20% over the Christmas period. |
| risk | n. | the possibility of something bad happening | There are a lot of risks involved when you start your own business. |
| sink | v. | to go below water | The wheels started to sink into the mud. |
| solution | n. | a way of fixing a problem | Is there any solutions to this problem. |
| survive | v. | to stay alive, especially after a difficult or dangerous time | She survived the attack. |
| unsafe | adj. | dangerous or likely to cause harm | It is unsafe to ride a car without the seatbelt. |

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Unit 15. Dodgeball

| Word | PoS | English Definition | Sample Sentence |
|-----------|------|--|---|
| aim | n. | the goal of some action | The aim is to get A on the test. |
| clever | adj. | quick at learning and understanding things | How clever of you to work it out! |
| different | adj. | not the same as somebody or something | American English is significantly different from British English. |
| dodge | v. | to avoid something by moving quickly | He ran across the road, dodging the traffic. |
| eliminate | v. | to remove or get rid of something | Credit cards eliminate the need to carry a lot of cash. |
| even | adj. | able to be divided exactly by two | 2, 4, 6 and 8 are even numbers. |
| exercise | n. | activities you do to make your body strong and healthy | Working in an office, I don't get much exercise. |
| field | n. | an area of land in the country used for growing crops or keeping animals in, usually surrounded by a fence, etc. | We camped in a field near the village. |
| flexible | adj. | something that can change easily | He was flexible to touch the floor. |
| hit | v. | to touch somebody or something with force | My parents never used to hit me. |
| odd | adj. | not able to be divided exactly by two | 1, 3, 5 and 7 are odd numbers. |
| perfect | adj. | exact and accurate | She speaks perfect English. |
| simple | adj. | easy to understand and do | There is no simple answer to this question. |
| team | n. | a group of people who play a particular game or sport against another group of people | Whose team are you on? |
| winner | n. | a person, a team, an animal, etc. that wins something | The winners of the competition will be announced next month. |

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Unit 16. Golden Time that Saves Lives

| Word | PoS | English Definition | Sample Sentence |
|-------------|------|--|--|
| beat | v. | to hit someone or something, especially repeatedly | Somebody was beating at the door. |
| breathe | v. | to take air in and let it out | Take a deep breathe. |
| chest | n. | the front part of your body where your heart is | Her heart was pounding in her chest. |
| compression | n. | the act of pressing something to make it smaller | Check and record the compression of each cylinder. |
| continue | v. | to not stop happening, existing, or doing something | He will be continuing his education in the US. |
| grandparent | n. | one of the parents of your mother or father | My grandparents live in Sussex. |
| move | v. | to change from one place or position to another, or to make something do this | Please keep the doors closed while the train is moving. |
| on top of | ph. | on the highest surface of something | There should be an envelope on top of the fridge. |
| push down | ph. | to press down on something, such as a button, stamp, etc. | Push down on this button if you want room service. |
| put | v. | to move something into a particular place or position | Put the cases down there, please. |
| release | v. | to make free; let something go | She released the dogs. |
| remember | v. | to have or keep an image in your memory of an event, a person, a place, etc. from the past | I can't remember her exact words. |
| repeat | v. | to say or do something more than once | She kept repeating his name softly over and over again. |
| suddenly | adv. | quickly; by surprise | Suddenly the boy came out. |
| weight | n. | how heavy or light something is | The average weight of a baby at birth is just over seven pounds. |