

Class

Name

Unit 1. Robot Helpers

Word	PoS	한글 뜻	English Definition	Sample Sentence
advance	n.	발전	a forward movement of something	Recent advances in genetics have raised moral questions.
challenge	n.	도전	something difficult	The company is ready to meet the challenges of the next few years.
company	n.	동무	when you are with other people and not alone	The two men enjoy each other's company.
continue	v.	계속하다	to not stop happening, existing, or doing something	Sheila continued to work after she had her baby.
elderly	adv.	연세가 드신	used as a polite word for 'old'	They never offer their seat to an elderly person.
especially	adv.	특별히	mainly; very	I never liked long walks, especially in winter.
factory	n.	공장	a building or group of buildings where goods are made	The factory workers didn't know about the wrong truck.
guide	v.	도움을 주다	to show or help	He guided us through the narrow streets to the central mosque.
interaction	n.	상호작용	a process by which two or more things affect each other	Price is determined through the interaction of demand and supply.
keep	v.	~를 위해 ~을 남겨두다	to save something for somebody	Please keep me a seat.
motion	n.	운동	the process of moving or the way that someone or something moves	The rocking motion of the boat made Sylvia feel sick.
overcome	v.	극복하다	to be successful during a hard time	He struggled to overcome his shyness.
provide	v.	제공하다	to give something that someone needs	The hotel provides a shoe-cleaning service for guests.
replace	v.	대체하다	to be used instead of something/somebody else	Teachers will never be replaced by computers in the classroom.
robotic	adj.	로봇의	robotic equipment etc. is related to robots or is part of a robot	The robotic arm hit a hard surface.
server	n.	서버	a computer program that controls or supplies information to several computers connected in a network	What will happen to the main server?

social	adj.	사회의	relating to human society and its organization, or the quality of people's lives	Man is born a social animal.
speech	n.	연설, 말하기	the act of talking	Each child had to give a short speech to the rest of the class.
valuable	adj.	가치 있는	worth a lot of money	Their most valuable belongings were locked in a safe in the bedroom.
variety	n.	다양성	many different types	I really like the variety the store has to offer.

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Unit 2. Confidence Through Volunteering

Word	PoS	한글 뜻	English Definition	Sample Sentence
boost	n.	북돋우다	to increase or improve something and make it more successful	The new resort area has boosted tourism.
challenge	n.	도전	a new or difficult task that tests somebody's ability and skill	The role will be the biggest challenge of his acting career.
confidence	n.	자신감	the feeling that you can trust, believe in and be sure about the abilities or good qualities of somebody/something	She has every confidence in her students' abilities.
confident	adj.	자신감 있는	sure that something will happen in the way that you want or expect	We are confident next year's profits will be higher.
connect	v.	연결하다	to form a good relationship with somebody so that you like and understand each other	They met a couple of times, but they didn't really connect.
crisis	n.	위기	a very difficult time	You will bring your family to a crisis.
enrich	v.	풍요롭게 하다	to improve the quality of something, often by adding something to it	The study of science has enriched all our lives.
extra	adj.	추가	additional; more	I worked extra hours, but they didn't pay me overtime!
great	adj.	훌륭한	very good or pleasant	It's great to see you again.
library	n.	도서관	a place where there are many books to borrow	A school built over a library two years ago.
look for	ph.	찾다, 구하다	to try to find something that you have lost, or someone who is not where they should be	I'm looking for Steve – have you seen him?
organize	v.	조직하다	to put into order	The course was organized by a training company.
put away	ph.	치우다	to put something in the place where it is kept because you have finished using it	The men are putting away some groceries.
rewarding	adj.	보람 있는	worthwhile; valuable	The job is tiring but rewarding.

satisfied	adj.	만족하는	happy with; content	I am definitely satisfied with the current job.
self-esteem	n.	자존감	the feeling of being satisfied with your own abilities, and that you deserve to be liked or respected	Playing a sport can boost a girl's self-esteem.
stranger	n.	이방인	someone you do not know	There was a stranger on the other side of the fence.
teen	n.	십대	a teenager	The teen was failing the class.
volunteer	v.	자원봉사자	a person who does a job without being paid for it	Schools need volunteers to help children to read.
wonderful	adj.	아주 멋진	very good; fantastic	The composition of your work is wonderful.

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Unit 3. A National Hero

Word	PoS	한글 뜻	English Definition	Sample Sentence
grow up	ph.	성장하다	to become an adult gradually	Their children have all grown up and left home now.
knee	n.	무릎	the part of the leg that bends at the middle	He went down on one knee and asked her to marry him.
let	v.	~하게 하다	to allow or permit	They won't let him leave the country.
quit	v.	그만두다	to stop doing something or leave a job	If I don't get more money, I'll quit.
although	conj.	비록 ~일지라도	despite the fact that	Although the sun was shining, it wasn't very warm.
in memory of	ph.	~를 추모해서	made or done to honor someone who has died	He founded the charity in memory of his late wife.
national	adj.	국가의	related to the whole country	In the future, people will be a national power.
so far	ph.	지금까지	until now	So far this year, he has split up with five girlfriends.
while	conj.	~하는 동안	during the time that something is happening	They arrived while we were having dinner.
develop	v.	(문제가) 생기다	to begin to have something such as a disease or a problem	Her son developed asthma when he was two.
pain	n.	고통	the feelings that you have in your body when you have been hurt or when you are ill/sick	You get more aches and pains as you get older.
terrible	adj.	끔찍한	very unpleasant	I've just had a terrible thought.
cancer	n.	암	a serious disease in which growths of cells, also called cancers, form in the body and kill normal body cells	Most skin cancers are completely curable.
cut off	ph.	~을 자르다	to remove something from something larger by cutting	He had his finger cut off in an accident at work.
artificial	adj.	인공적인	made or produced to copy something natural	He lost his leg in an accident and wears an artificial limb.

patient	n.	환자	a person who is receiving medical treatment, especially in a hospital	The patient is much better today.
raise	v.	(돈을) 모으다	to bring or collect money or people together	We are raising money for charity.
unfortunately	adv.	불행하게도	used to say that a particular situation or fact makes you sad or disappointed, or gets you into a difficult position	Unfortunately, I won't be able to attend the meeting.
finish	v.	끝내다	to stop doing something or making something because it is complete	Haven't you finished your homework yet?
inspire	v.	영감을 주다	to give somebody the desire, confidence or enthusiasm to do something well	The actors' enthusiasm inspired the kids.

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Unit 4. The Boy Who Grew His Hair

Word	PoS	한글 뜻	English Definition	Sample Sentence
battle	n.	전투	a fight against a bad situation	In the heat of battle, soldiers fight for their lives.
below	prep.	아래로	at or to a lower level or position than somebody/something	Please do not write below this line.
brave	adj.	용감한	showing no fear	I wasn't brave enough to tell her what I thought of her.
cause	n.	원인	the person or thing that makes something happen	Unemployment is a major cause of poverty.
charity	n.	자선단체	an organization that gives money, goods, or help to people who are poor, sick etc.	Several charities sent aid to the flood victims.
criticism	n.	비판	the act of finding fault with someone or something	Ben is very sensitive, he just can't take criticism.
donate	v.	기부하다	to make a gift of something	He donated thousands of pounds to charity.
generous	adj.	관대한	willing to give or share	It was generous of him to offer to pay for us both.
haircut	n.	이발	the result when someone cuts your hair	I see you've had a haircut.
laugh	v.	웃다	to make the sounds and movements of your face that show you are happy or think something is funny	She laughed to cover her nervousness.
mind	v.	언짢아하다	to be upset, annoyed or worried by something	I don't mind the cold—it's the rain I don't like.
optimistic	adj.	낙천적인	hoping that good things will happen in the future	He has an optimistic philosophy of life.
proudly	adv.	자랑스럽게	in a way that shows that somebody is proud of something	She proudly displayed her prize.
rare	adj.	드문	not common or usual	This weekend, visitors will get a rare chance to visit the private apartments.
reaction	n.	(약물 등에 대해 인체가 보이는) 반응	a response by the body, usually a bad one, to a drug, chemical substance, etc.	Nuts can trigger off a violent allergic reaction.

remain	v.	남다	to be still in the same state or condition	Train fares are likely to remain unchanged.
soon	adv.	곧	in a short time from now, or a short time after something else happens	David arrived sooner than I expected.
swollen	adj.	부은	larger than normal, especially as a result of a disease or an injury	Her eyes were red and swollen from crying.
tragic	adj.	비극적인	a tragic event or situation makes you feel very sad, especially because it involves death or suffering	Lillian Board's death at 22 was a tragic loss for British athletics.
wig	n.	가발	artificial hair that you wear on your head	In England judges still have to wear wigs.

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Unit 5. How to Be a Writer

Word	PoS	한글 뜻	English Definition	Sample Sentence
advertiser	n.	광고주	a person or company that advertises	To an advertiser, that means a future market.
at the top	ph.	맨 위에	the highest part or point of something	Shoes are at the top of the list.
blog	n.	블로그	a website for writers to express themselves	Many students leave comments on her blog.
daily	adj.	매일의	happening every day	He has a daily radio show on KQFB.
dream of	ph.	~을 꿈꾸다	to think about something that you would like to happen or have	I dream of him from time to time.
explore	v.	자세히 살피다	to look at closely	I'm going to explore the possibility of a part-time job.
feedback	n.	피드백	advice, criticism or information about how good or useful something or somebody's work is	I'd appreciate some feedback on my work.
follower	n.	따르는 사람	someone who believes in a particular system of ideas, or who supports a leader who teaches these ideas	I'm not an avid follower of fashion.
freedom	n.	자유	the condition of being able or allowed to do what you want to do	People here like their freedom and privacy.
hobby	n.	취미	an activity that you enjoy doing in your free time	Susan's hobbies include reading, cooking, and drama.
improve	v.	향상하다	to make something better, or to become better	You could use the money for improving your home.
magazine	n.	잡지	a large thin book with a paper cover that contains news stories, articles, photographs etc., and is sold weekly or monthly	She's the editor of a popular women's magazine.
notice	v.	알아차리다	to become aware of	He noticed a woman in a black dress sitting across from him.
often	adv.	종종	many times	I've often wondered what happened to him.
opportunity	n.	기회	a good chance or situation	I'd like to take this opportunity to thank you all.

passion	n.	열정	something a person feels very strongly about	His eyes were burning with passion.
sadly	adv.	슬프게	in a way that shows that you are sad	Peter shook his head sadly.
share	v.	공유하다	to divide and use together	They shared the cake between them.
travel	n.	여행	the activity of travelling	The new job involves a fair amount of travel.
writer	n.	작가	someone who writes books, stories etc., especially as a job	Dr. Johnson was already a great writer at the age of thirty-five.

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Unit 6. Time Machine

Word	PoS	한글 뜻	English Definition	Sample Sentence
adventure	n.	모험	an exciting experience in which dangerous or unusual things happen	I wanted to share the adventure.
build	v.	짓다	to make something, especially a building or something large	The purpose is to build new houses for local people.
creative	adj.	창의적인	involving the use of skill and the imagination to produce something new or a work of art	It was you who was creative of the idea.
creature	n.	생물	anything that is living, such as an animal, fish, or insect, but not a plant	Man is the creature of circumstances.
discover	v.	발견하다	to find out about or come upon	Scientists around the world are working to discover a cure for AIDS.
except	prep.	~제외하고	not including something	They all came except Matt.
famous	adj.	유명한	known about by many people	One day, I'll be rich and famous.
future	n.	미래	likely to happen or exist at a time after the present	We are now more able to predict future patterns of climate change.
insist	v.	주장하다	to say very firmly or demand strongly	Mike insisted that he was right.
lose	v.	잃어버리다	to become unable to find someone or something	I've lost the tickets for tonight's show.
machine	n.	기계	a piece of equipment with moving parts that uses power such as electricity to do a particular job	Is the washing machine working now?
paradise	n.	천국	a place or situation that is extremely pleasant, beautiful, or enjoyable	The hotel felt like paradise after two weeks of camping.
peaceful	adj.	평화로운	quiet and calm	They hope for a peaceful settlement of the dispute.
quite	adv.	꽤	to a very noticeable degree or extent	He plays quite well.

scary	adj.	무서운	frightening	There's a scary horror movie that just came in.
science-fiction	n.	공상 과학 소설	stories about imaginary scientific developments	Do you like science fiction, Mary?
search for	ph.	찾다	to try to find someone or something by looking very carefully	I've searched high and low for my glasses.
simple	adj.	단순한	honest and ordinary and not special in any way	Joe was just a simple farmer.
surprise	n.	놀람	an unexpected event or fact	What a surprise to find you here!
underground	n.	지하	located or occurring below the surface of the Earth	Some people think that he is somewhere underground.

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Unit 7. The Two Faces of Dr. Jekyll

Word	PoS	한글 뜻	English Definition	Sample Sentence
appearance	n.	외모	the way someone or something looks to other people	He was always criticizing his wife's appearance.
awesome	adj.	굉장한	extremely good	Their last concert was really awesome.
boring	adj.	지루한	not interesting in any way	Her husband is about the most boring person I've ever met.
borrow	v.	빌리다	to take and used something with a plan to return it	Can I borrow your pen for a minute?
character	n.	등장인물	a person or an animal in a book, play or film/movie	Clint Eastwood's character is the most sympathetic in the movie.
control	v.	통제하다	to have power over a person, company, country, etc. so that you are able to decide what they must do or how it is run	The whole territory is now controlled by the army.
explain	v.	설명하다	to tell somebody about something in a way that makes it easy to understand	It was difficult to explain the problem to beginners.
hard-working	adj.	열심히 일하는	putting a lot of effort into a job and doing it well	The Chinese are a hardworking people.
hate	v.	싫어하다	to dislike something very much	It's the kind of movie you either love or hate.
interesting	adj.	흥미로운	attracting your attention because it is special, exciting or unusual	It is particularly interesting to compare the two versions.
kill	v.	죽이다	to cause someone or something to die	Why did she kill her husband?
laboratory	n.	실험실	a room with special equipment for scientific experiments	She called the laboratory where he worked.
morning	n.	아침	the early part of the day, from when the sun rises until 12 o'clock in the middle of the day	I'm not feeling very well this morning.
outside	adj.	밖의	not inside a building	When we got up, it was still dark outside.
personality	n.	성격	all of someone's emotional qualities	Despite their different personalities, they became the best of friends.

potion	n.	물약	a drink intended to have a special or magical effect on the person who drinks it, or which is intended to poison them	A sleeping potion is the best remedy.
quiet	adj.	조용한	making very little noise	Could you keep the kids quiet while I'm on the phone?
research	n.	연구	careful study to find and report new knowledge	She did a research on the year of grace.
violent	adj.	폭력적인	involving the use of physical force to cause damage	Thirty-one people have been injured in violent incidents throughout the day.
would rather	ph.	~하고 싶다	prefer to	I'd rather have a quiet night in front of the TV.

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Unit 8. The Real Robin Hood?

Word	PoS	한글 뜻	English Definition	Sample Sentence
afterward	adv.	그 후에	at a later time	Let's go out now and eat afterwards.
army	n.	군대	a large group of people who are trained to fight	My son had a fight against older boys.
describe	v.	묘사하다	to say what something or someone is like by giving details about them	The police asked her to describe the man.
difference	n.	차이점	the way in which people or things are not the same	What's the difference between first class and economy?
fight	v.	싸우다	to use weapons or physical force to try to hurt someone	Neither country is capable of fighting a long war.
have to	aux.	~해야 한다	must	I have to dry down the laundry.
hero	n.	영웅	a person who is admired for great or brave acts	The Olympic team was given a hero's welcome on their return home.
hide	v.	숨다	to go somewhere where you hope you will not be seen or found	We hid from our pursuers in an empty house.
join	v.	가입하다	join (something) to become a member of an organization, a company, a club, etc.	She joined the company three months ago.
legend	n.	전설	an old story that may or may not be true	He became a legend in his time.
match	v.	일치하다	if one thing matches another, or if two things match, they look attractive together because they are a similar color, pattern etc.	We painted the cabinets green to match the rug.
name	v.	~라고 부르다	to say the name of somebody/something	We named her Cathy after her aunt.
people	n.	사람	used as the plural of 'person' to refer to men, women, and children	How many people were at the meeting?

place	n.	장소	a space or area, for example a particular point on a surface or in a room, building, town, city etc.	The place was full of screaming children.
poor	adj.	가난한	having very little money and not many possessions	Her family were so poor they couldn't afford to buy her new clothes.
real	adj.	실제의	not imagined; existing in fact	Politicians seem to be out of touch with the real world.
real	adj.	실제의	something that is real exists and is important	There is a real danger that the disease might spread.
rich	adj.	부자의	having a lot of money or property	Nobody gets rich from writing nowadays.
robber	n.	강도	a criminal who steals money or property	The robber knocked off a bank.
wife	n.	아내	the woman that somebody is married to	She's his second wife.
afterward	adv.	그 후에	at a later time	Let's go out now and eat afterwards.

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Unit 9. Living to 150!

Word	PoS	한글 뜻	English Definition	Sample Sentence
aging	n.	노화	the process of growing old	They think that aging is part of our genetic program.
average	adj.	평균의	usual or common	Average earnings are around £20,000 per annum.
avoid	v.	피하다	to prevent something bad from happening	It is important to take measures to avoid the risk of fire.
century	n.	세기	a period of 100 years	By the close of this century another two billion people will have been born.
disease	n.	질병	the condition of not being healthy	He suffers from a rare blood disease.
drive	n.	목표	a strong desire to do things and achieve something	He'll do very well—he has tremendous drive.
forever	adv.	영원히	for all time	After her death, their lives changed forever.
healthcare	n.	건강 관리	the activity of looking after people's health, considered as an industry	An aging population creates greater expenditure on health care.
human	n.	인간	a person rather than an animal or a machine	Dogs can hear much better than humans.
importance	n.	중요성	the state or condition of being important	State your reasons in order of importance.
lifespan	n.	수명	the length of time that something is likely to live, continue or function	Worms have a lifespan of a few months.
maximum	n.	최대치	the largest amount or number	The job will require you to use all your skills to the maximum.
medical science	n.	의학	the science of dealing with the maintenance of health and the prevention and treatment of disease	Korea has made remarkable progress in medical science.
natural	adj.	자연의	existing in nature	The clothes are available in warm natural colors.
recover	v.	회복하다	to get better after getting hurt or sick	He's still recovering from his operation.

shorten	v.	짧게 하다	to become shorter or make something shorter	The days are shortening.
survive	v.	생존하다	to continue to live or exist	The children had to survive by begging and stealing.
technique	n.	기술	a way of doing something	The artist combines different techniques in the same painting.
uncommon	adj.	흔하지 않은	rare or unusual	Violent crimes against the elderly are fortunately very uncommon.
worldwide	adj.	전세계의	to or in all parts of the world	We have 2,000 members worldwide.

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Unit 10. People with Super Taste

Word	PoS	한글 뜻	English Definition	Sample Sentence
about	adv.	약	a little more or less than a particular number, amount, or size	I live about 10 miles away.
between	prep.	~사이의	in or through the space that separates two things, people, or places	I sat down between Sue and Jane.
bitter	adj.	쓴 맛의	having a strong or unpleasant taste	Black coffee leaves a bitter taste in the mouth.
certain	adj.	확실한	confident and sure, without any doubts	I'm absolutely certain that I left the keys in the kitchen.
chemical	n.	화학물	a substance usually made in a lab or factory	Farmers are being urged to reduce their use of chemicals and work with nature to combat pests.
count	v.	세다	to say numbers in order, one by one or in groups	It's quicker to count by tens.
depend on	ph.	의존하다	if something depends on something else, it is directly affected or decided by that thing	The length of time spent exercising depends on the sport you are training for.
divide	v.	나누다	to separate or make something separate into parts	A sentence can be divided up into meaningful segments.
grapefruit	n.	자몽	a large, yellow fruit that has a slightly bitter taste	We have orange, pineapple, grapefruit and apple.
hardly	adv.	거의 ~없는	almost never	The children were so excited they could hardly speak.
number	n.	수	represents an exact amount or quantity	They wrote various numbers on a large sheet of paper.
sensitive	adj.	예민한	able to sense very small changes	You know I'm very sensitive to weather.
spicy	adj.	매운	having a strong taste because spices have been used to flavor it	Tina loves hot spicy food.
square	n.	정사각형	a shape with four straight sides	There are five letters in the square.
stand	v.	참다	used especially in negative sentences and questions to emphasize that you do not like somebody/something	I can't stand it when you do that.

study	n.	공부하다	a research project; a long experiment	He used to study at least six hours every night.
taste bud	n.	미뢰	one of the small parts of the surface of your tongue with which you can taste things	Do you enjoy stimulating the taste buds in your mouth?
taster	n.	맛 감식가	a person whose job is to judge the quality of wine, tea, etc. by tasting it	You do not need the food tasters now.
tongue	n.	혀	the soft, movable part in the mouth	Her name is on the tip of my tongue.
vary	v.	서로 다르다	if several things of the same type vary, they are all different from each other	Test scores vary from school to school.

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Unit 11. Children's Heights

Word	PoS	한글 뜻	English Definition	Sample Sentence
add	v.	더하다	to put something with something else or with a group of other things	If the mixture seems dry, add water.
amount	n.	양	a quantity of something such as time, money, or a substance	They spend equal amounts of time in California and New York.
birth	n.	출생	coming into life or being born	He only weighed 2 kilos at birth.
consider	v.	고려하다	to think about something carefully, especially before making a choice or decision	Have you considered the possibility of retraining?
contrast	n.	대비	a great difference between two or more things	In contrast, the average weight increased for all groups.
growth	n.	성장하다	an increase in size	We've seen an enormous growth in the number of businesses using the Web.
height	n.	키	the measurement of how tall a person or thing is	Please state your height and weight.
last	v.	지속되다	to continue in time	Each game lasts about an hour.
look back	ph.	되돌아보다	to think about something that happened in the past	Looking back on it, I still can't figure out what went wrong.
most	pron.	대부분의	nearly all of the people or things in a group, or nearly all of something	Most research in this field has been carried out by the Russians.
own	adj.	자신의	used to emphasize that something belongs to or is connected with a particular person or thing and not any other	Bring your own equipment.
period	n.	시기	a particular length of time with a beginning and an end	Tomorrow's weather will be dry with sunny periods.
reach	v.	~에 이르다	if someone or something reaches a particular point in their development or in a process or competition, they get to that point	Chelsea could reach the final of the European Cup.

regular	adj.	규칙적인	not changing; even	Our regular opening hours are 10am to 7pm.
remember	v.	기억하다	to have a picture or idea in your mind of people, events, places etc. from the past	Do you remember Rosa Davies?
slow down	ph.	늦추다	to become slower or to make something slower	The ice on the road slowed us down.
spurt	n.	분출, 한창	a short sudden increase of activity, effort, speed, or emotion	In a sudden spurt of anger, Ellen slammed the door shut.
stage	n.	단계	a step that is only one part of the whole	We did the first stage of the trip by train.
start	v.	시작하다	to do something that you were not doing before, and continue doing it	Have you started your homework?
typically	adv.	일반적으로	generally or normally	Typically, he didn't even bother to tell anyone he was going.

Class

Name

Unit 12. Your Powerful Lungs

Word	PoS	한글 뜻	English Definition	Sample Sentence
alive	adj.	살아있는	not dead	It was a bad accident – they're lucky to be alive.
blood	n.	피	the red liquid that your heart pumps around your body	Her body was found in a pool of blood.
breathe	v.	숨쉬다	to take air into your lungs and send it out again through your nose or mouth	He breathed deeply before speaking again.
chest	n.	가슴	the top part of the front of the body, between the neck and the stomach	The bullet hit him in the chest.
circulate	v.	순환하다	when a liquid, gas or air circulates or is circulated, it moves continuously around a place or system	The condition prevents the blood from circulating freely.
consist of	ph.	구성하다	to be formed from the people or things mentioned	The committee consists of ten members.
equal	adj.	동일한	the same in number, amount, or quality	Both candidates received an equal number of votes.
fill	v.	채우다	if a container or place fills, or if you fill it, enough of something goes into it to make it full	He poured her a drink, then filled his own glass.
giant	n.	거인	very great in size	It could help me a giant telescope.
important	adj.	중요한	having a great effect on people or things	I have an important announcement to make.
lobe	n.	(인체 기관, 특히 폐·뇌의) 엽	a part of an organ in the body, especially the lungs or brain	It consists of two lateral lobes and a single small dorsal lobe.
organ	n.	기관	a part of the body that has a particular purpose, such as the heart or the brain	In Arizona, 480 people are waiting for organ transplants.
oxygen	n.	산소	a chemical in the air that all living things need to live	It is the most chemically active form of oxygen.

pocket	n.	주머니	a small piece of material like a small bag sewn into or onto a piece of clothing so that you can carry things in it	I put the note in my pocket.
powerful	adj.	힘이 있는	strong; having a great effect	He was one of the most powerful men in Bohemia.
responsible for	ph.	~에 책임이 있는	having the job of dealing with something or someone	Who is responsible for bringing up children?
send	v.	보내다	to make something move from one place to another	The blaze sent smoke over much of the city.
sponge	n.	스펀지	a piece of artificial or natural material that is soft and light and full of holes and can hold water easily, used for washing or cleaning	Wipe the surface with a damp sponge.
upper	adj.	위의	above something else	His upper arms were like tree trunks.
whistle	v.	휘파람 불다	to make a high sound by blowing air through lips	The girl is blowing a whistle.

Class

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Unit 13. Big Data and Math

Word	PoS	한글 뜻	English Definition	Sample Sentence
bit	n.	조금	a small amount of something	These trousers are a bit tight.
business	n.	사업	the activity of making, buying, selling or supplying goods or services for money	She works in the computer business.
career	n.	직업	the series of jobs that a person has in a particular area of work, usually involving more responsibility as time passes	What made you decide on a career as a vet?
collect	v.	모으다	to gradually obtain more and more of something in a place	It's amazing how she collects friends.
data	n.	자료	facts or information, especially when examined and used to find out things or to make decisions	This data was collected from 69 countries.
education	n.	교육	the process of learning or teaching	She completed her formal education in 1995.
even	adv.	~조차	used to emphasize something unexpected or surprising	She didn't even call to say she wasn't coming.
everyone	n.	모두	every person	Everyone brought their partner to the party.
find out	ph.	찾아내다	to get some information about something/somebody by asking, reading, etc.	I haven't found anything out about him yet.
gather	v.	모으다	collect; bring together	Detectives have spent months gathering evidence.
helpful	adj.	도움을 주는	useful	Sorry I can't be more helpful.
hold on to	ph.	유지하다	to keep something or somebody	She took an early lead in the race and held on to it for nine laps.
learn	v.	배우다	to gain knowledge or skill by studying, from experience, from being taught, etc.	She's very keen to learn about Japanese culture.
lesson	n.	수업	a period of time in which somebody is taught something	I'm taking driving lessons.

math	n.	수학	the study of numbers	I have a math exam today at school.
online	adj.	온라인의	controlled by or connected to a computer or to the Internet	Online shopping is both cheap and convenient.
pupil	n.	학생	student	How many pupils does the school have?
quickly	adv.	빨리	fast	She walked quickly away.
spend	v.	보내다	to use time for a particular purpose; to pass time	How do you spend your spare time?
target	n.	목표	a result that you try to achieve	The university will reach its target of 5,000 students next September.

Class

Name

Unit 14. The Origin of Measurement

Word	PoS	한글 뜻	English Definition	Sample Sentence
accept	v.	동의하다	to approve of; to agree to something	He asked me to marry him and I accepted.
basic	adj.	기본의	serving as the base or starting point	Drums are basic to African music.
cubit	n.	큐빗, 완척	an ancient measurement of length, about 45 cm or the length from the elbow to the end of the fingers	A cubit, that's a distance or something, right?
differ	v.	다르다	to be different from somebody/something	French differs from English in this respect.
distance	n.	거리	the amount of space between two places or things	What's the distance between New York City and Boston?
during	prep.	~하는 동안	throughout the time of	Please remain seated during the performance.
elbow	n.	팔꿈치	the joint in the arm between the wrist and the shoulder	He rested his elbows on his knees.
equator	n.	적도	an imaginary line around the middle of the Earth at an equal distance from the North Pole and the South Pole	The island is twenty degrees south of the equator.
imperial	adj.	연방의	connected with the system for measuring length, weight and volume using pounds, inches, etc.	The Imperial system is just so much more logical.
inch	n.	인치	a unit for measuring length, equal to 2.54 centimeters	Since I started jogging I've lost three and a half inches from my waistline.
length	n.	길이	the size or measurement of something from one end to the other	The snake usually reaches a length of 100 cm.
make up	ph.	~을 이루다	to form something	Women make up 56% of the student numbers.
measurement	n.	측정	the act or the process of finding the size, quantity or degree of something	Accurate measurement is very important in science.

outstretched	adj.	한껏 뻗은	stretched or spread out as far as possible	He ran towards her with arms outstretched/with outstretched arms.
result	n.	결과	the outcome of something	She died as a result of her injuries.
system	n.	제도, 체계	an organized set of ideas or theories or a particular way of doing something	They are introducing a system for dealing with enquiries from customers.
thumb	n.	엄지손가락	the short, thick finger that is apart from the other four	She still sucks her thumb when she's worried.
unit	n.	한 개 단위	one piece that is part of a bigger thing; a standard measure that is used to show amounts	The basic unit of society is the family.
width	n.	폭, 너비	how wide something is	It's about 10 meters in width.
yard	n.	야드	an area outside a building, usually with a hard surface and a surrounding wall	The children were playing in the yard at the front of the school.

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Unit 15. Beautiful Examples of Balance in Nature

Word	PoS	한글 뜻	English Definition	Sample Sentence
attractive	adj.	매력적인	beautiful	I like John, but I don't find him attractive physically.
bilateral	adj.	쌍방의	involving two groups of people or two countries	The bilateral treaty was a relief.
create	v.	창조하다	to make something happen or exist	The main purpose of industry is to create wealth.
extend	v.	더 크게 만들다	to make something longer or larger	There are plans to extend the no-smoking area.
face	v.	~을 마주보다	to have your face or front pointing towards somebody/something or in a particular direction	Most of the rooms face the sea.
feather	n.	깃털	one of the soft pieces that covers a bird's body	Birds of a feather flock together.
fit	v.	맞다	to be of the right shape and size	I tried the dress on, but it didn't fit.
form	v.	형성하다	to produce something in a particular way or make it have a particular shape	Do you know how to form the past tense?
half	n.	절반	one of two equal parts of a whole	An hour and a half are allowed for the exam.
pattern	n.	무늬	a design that is repeated	The murders all seem to follow a similar pattern.
perfectly	adv.	완벽하게	completely	You know perfectly well what I mean.
radial	adj.	방사상의	having a pattern of lines, etc. that go out from a central point towards the edge of a circle	Wipe from the inside outward in a radial motion.
repeat	v.	반복하다	to say or write something again or more than once	She kept repeating his name softly over and over again.
store	v.	보관하다	to keep for later use	You can store coffee beans in the freezer to keep them fresh.
strengthen	v.	강화되다	to make somebody/something stronger	Yesterday the pound strengthened against the dollar.

surface	n.	표면	the outside or top layer of something	Teeth have a hard surface layer called enamel.
symmetry	n.	대칭	the exact match in size and shape between two halves, parts or sides of something	The trees break the symmetry of the painting.
tiny	adj.	작은	very small	Only a tiny minority hold such extreme views.
wallpaper	n.	벽지	thick paper, often with a pattern on it, used for covering the walls and ceiling of a room	Men are putting wallpaper on a wall.
waste	v.	낭비하다	to use too much without thinking	Why waste money on clothes you don't need?

Class

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Unit 16. Probability

Word	PoS	한글 뜻	English Definition	Sample Sentence
base on	ph.	~에 기초를 두다	to use something as the thing from which something else is developed	Their relationship was based upon mutual respect.
dice	n.	주사위	a small cube with one to six dots on each side	You decide who's going to start by throwing the dice.
drop	v.	떨어지다	to suddenly fall in amount	The climber slipped and dropped to his death.
event	n.	사건	a thing that happens, especially something important	In the light of later events the decision was proved right.
expert	n.	전문가	a person who has a lot of skill	He's an expert at getting his own way.
guess	v.	추측하다	to give an answer when you don't know for sure	We can only guess at her reasons for leaving.
lifetime	n.	일생	the period of time during which someone is alive, or something exists	During her lifetime she had witnessed two world wars.
lightning	n.	번개	flashes of light in the sky	He was struck by lightning and killed.
lottery	n.	로또	a game used to make money for a state or a charity in which people buy tickets with a series of numbers on them. If their number is picked by chance, they win money or a prize	Do you really think winning the lottery would make you happy?
million	n.	백만	the number 1,000,000	The book sold more than a million copies.
of course	ph.	물론	used to show that other people probably already know what you are saying is true, or expect to hear it	Of course there will be some difficult times ahead.
outcome	n.	결과	a result	These costs are payable whatever the outcome of the case.

population	n.	인구	the number of people or animals in an area	The entire population of the town was at the meeting.
possibility	n.	가능성	the chance that something might happen	There is now no possibility that she will make a full recovery.
predict	v.	예측하다	to say that something will happen in the future	Nobody could predict the outcome.
probability	n.	가능성	how likely something is to happen	There seemed to be a high probability of success.
report	v.	보고하다	to tell the police or someone in authority that an accident or crime has happened	All accidents must be reported to the safety officer.
roll	v.	굴리다	to turn over and over and move in a particular direction	We watched the waves rolling onto the beach.
side	n.	한 쪽 면	either of the two halves of a surface, an object or an area that is divided by an imaginary central line	They drive on the left-hand side of the road in Japan.
therefore	adv.	그러므로	used to introduce the logical result of something that has just been mentioned	There is still much to discuss. We shall, therefore, return to this item at our next meeting.