Word List

Class _____ Name _____

Unit 1. What's the Temperature?

Word	PoS	한글 뜻	English Definition	Sample Sentence
thermometer	n.	온도계	a device used for measuring temperature	The thermometer says it's almost 40 degrees outside.
exact	adj.	정확한	completely correct or accurate	The exact distance is 138 meters.
add	v.	더하다, 추가하다	to put something with another thing	She is planning to add some new flowers to the garden.
food coloring	n.	식용 색소	substance added to food in order to change its color	Add a few drops of food coloring to the water.
horizontal	adj.	수평의	parallel to the surface of the earth or to the horizon	Most people sleep in a horizontal position.
show	v.	보여 주다	to allow something to be seen	You have to show your ticket at the gate.

Word List

Class _____ Name _____

Unit 2. James Feels Hot

Word	PoS	한글 뜻	English Definition	Sample Sentence
cough	v.	기침하다	to force air out of your lungs through your throat with a short, loud sound	The dust made him cough.
forehead	n.	이마	the flat part of the face, above the eyes and below the hair	He has a round face with a high forehead.
stuff	n.	물건, 물질	some kinds of substance, materials, or equipment	I will buy the cooking stuff to bake some cakes.
alcohol	n.	알코올	a clear liquid that used in fuel and medicines	Alcohol is used in thermometers because it changes its volume.
reason	n.	이유	the cause of something that provides an explanation	I have a reason for my absence.
botanical	adj.	식물의	involving or relating to plants or the study of plants	Several new botanical species have been discovered.

Word List

Class _____ Name _____

Unit 3. Melting Points

Word	PoS	한글 뜻	English Definition	Sample Sentence
movie	n.	영화	a film shown in a cinema or on television	We went to see a movie after dinner.
finish	v.	끝나다	to complete something or come to the end	The meeting should finish around four o'clock.
speed	n.	속도	how fast something moves or travels	He was running at full speed.
at the same time	phrase.	동시에	during the same moment	She was laughing and crying at the same time.
order	n.	순서	the particular way that things are organized in a list or series	We should do these steps in the right order.
melting point	n.	녹는 점	the temperature at which a substance melts	The melting point of water is 0 degree Celsius.

Word List

Class _____ **Name** _____

Unit 4. The Case of the Disappearing Snowman

Word	PoS	한글 뜻	English Definition	Sample Sentence
wake up	phrase.	일어나다	to become fully awake	What time do you wake up in the morning?
snowman	n.	눈사람	a figure made of snow that is shaped to look like a person	They made a snowman in the backyard.
grandparent	n.	조부모	a parent of your father or mother	I visited my grandparents' house.
tasty	adj.	맛있는	having a good flavor	It was a very tasty meal.
below	prep.	아래에	less than a particular amount or level	Temperatures were below average all week.
Celsius	n.	섭씨	a measurement of temperature in which water freezes at 0° and boils at 100°	Are the temperatures given in Celsius or Fahrenheit?

Word List

Class _____ Name _____

Unit 5. Wet and Dry

Word	PoS	한글 뜻	English Definition	Sample Sentence
humidity	n.	습도	the amount of moisture in the air	I don't like the humidity of this climate.
sweat	v.	땀을 흘리다	to produce a liquid from skin when you are hot or nervous	He sweats a lot when he exercises.
hygrometer	n.	습도계	a piece of equipment used to measure humidity	The hygrometer shows the humidity of the air.
arrow	n.	화살표	a mark that is used to show direction	There was an arrow pointing to the door.
cardboard	n.	판지	a stiff and thick kind of paper that is used for making boxes	Cover the windows with cardboard.
expand	v.	확장되다	to increase in size, range, or amount	The air in the balloon expands when heated.

Word List

Class _____ Name _____

Unit 6. Hot and Humid

Word	PoS	한글 뜻	English Definition	Sample Sentence
sticky	adj.	끈적거리는	having a substance on it that things easily attach to	The floor's still sticky where I spilled the juice.
go bad	phrase.	상하다	to spoil, rot, or become unusable	Foods go bad easily in summer.
harmful	adj.	해로운	causing damage or harm	The chemical kills harmful bacteria.
not at all	phrase.	전혀 아니다	used to say "no" or "not" strongly	"I hope it didn't hurt your feeling." "No, not at all."
skin	n.	피부	the natural outer layer that covers a person or animal	Babies have soft skins.
breathe	v.	숨을 쉬다	to move air into and out of your lungs	Relax and breathe deeply.

Word List

Class _____ Name _____

Unit 7. Heat Transfer

Word	PoS	한글 뜻	English Definition	Sample Sentence
handle	n.	손잡이	a part that is designed to be held by the hand	She turned the handle and slowly opened the door.
conduction	n.	전도	the process by which heat or electricity goes through a substance	Heat moves through solid materials. This is called 'conduction.'
involve	v.	포함하다	to have or include as a part of something	The accident involved three cars.
copper	n.	구리	a metal that allows heat and electricity to pass through it easily	The wires are made of copper.
attach	v.	붙이다	to fasten or fix one thing to another	I attached a note to the package.
observe	v.	관찰하다	to watch carefully the way something happens	Most psychologists like to observe people.

Word List

Class _____ Name _____

Unit 8. Insulating Ice

Word	PoS	한글 뜻	English Definition	Sample Sentence
igloo	n.	이글루	a house made of snow or ice in the form of a dome	In fact, it's very warm inside the igloo.
magazine	n.	잡지	a thin book that contains articles and photographs	She bought the latest fashion magazine.
insulation	n.	절연, 단열	the act of covering something to stop heat or electricity from escaping or entering	Insulation can save money on heating bills.
heat	n.	열	energy that causes things to become warmer	The sun's heat melted the snow.
escape	v.	탈출하다	to get away from a place	The prisoner escaped from jail.
North Pole	n.	북극	the most northern point on the surface of the earth	The North Pole is too cold for people to live in.

Word List

Class _____ Name _____

Unit 9. Dissolving Substances

Word	PoS	한글 뜻	English Definition	Sample Sentence
another	adj.	다른, 딴	different from the first or other one	Please bring me another cup.
dissolution	n.	용해	the process of becoming a liquid	When a substance mixes with another substance, we call this 'dissolution.'
beaker	n.	비커	a glass or plastic container used in chemistry	Pour water in the beaker.
electronic	adj.	전자의	operating through the use of many small electronical parts	You must turn off the electronic devices.
cube	n.	정육면체	a solid object with six square sides of equal size	Put some sugar cube in the coffee.
completely	adv.	완전히	in every way or as much as possible	I completely agree with you.

Word List

Class _____ Name _____

Unit 10. Solvents and Solutes

Word	PoS	한글 뜻	English Definition	Sample Sentence
coffee	n.	커피	a drink made from powder produced from coffee beans	Would you like another cup of coffee?
bitter	adj.	쓴	having a strong and often unpleasant flavor	The medicine is bitter.
online	adv.	온라인으로, 온라인에서	using the internet	She spends a lot of her free time online.
dissolve	v.	녹다, 용해되다	to mix with a liquid and become part of the liquid	Salt dissolves in water.
solute	n.	용질	a substance that has been dissolved in another substance	Sugar and salt are solutes.
solvent	n.	용제, 용액	a liquid substance that is used to dissolve another substance	The substance they dissolve into is called a 'solvent'.

Word List

Class _____ Name _____

Unit 11. All the Stars in the Sky

Word	PoS	한글 뜻	English Definition	Sample Sentence
various	adj.	다양한	several or many different things	Various bands will be performing at the concert.
recognizable	adj.	알아볼 수 있는	able to be recognized or identified from previous encounters or knowledge.	The Eiffel Tower in Paris is an instantly recognizable landmark.
constellation	n.	별자리	a group of stars that forms particular shape in the sky and has been given a name	A constellation is an arrangement of stars.
light box	n.	라이트 상자, 조명 기구	a box containing light that makes and shows the constellation shape	Let's make a light box, and see the constellation at home.
shine	v.	비추다	to send out or reflect light	The morning sunlight shone through the curtains.
ceiling	n.	천장	the inside surface at the top of a room	The house has low ceilings.

Word List

Class _____ Name _____

Unit 12. Orion and the Big Dipper

Word	PoS	한글 뜻	English Definition	Sample Sentence
camping	n.	캠핑	the activity of sleeping outdoors in a tent	My family likes to go camping on weekends.
campfire	n.	캠프파이어	a fire that is built outdoors at a camp or picnic area	We gathered around a campfire.
fog	n.	안개	small drops of water floating in the air above the ground	Heavy fog made it difficult to see the road.
point	v.	(손가락으로) 가리키다	to direct other people's attention by holding out the finger towards something	He pointed in the direction of the market.
spot	v.	발견하다	to see or notice	It's easy to spot Orion in the winter sky.
ladle	n.	국자	a large and deep spoon with a long handle that is used for serving a liquid	He dipped out the soup with a ladle.

Word List

Class _____ Name _____

Unit 13. Water in the Air

Word	PoS	한글 뜻	English Definition	Sample Sentence
dew	n.	이슬	drops of water that form outside on grass or other surfaces	The grass was wet with the morning dew.
form	v.	형성되다	to begin to exist	Fog often forms in this valley.
branch	n.	나뭇가지	a part of a tree that grows out from the main stem	A large branch fell into our yard during the storm.
wipe	v.	닦다	to clean or dry something by using a towel or a hand	She wiped her eyes with a tissue.
incense stick	n.	향 (스틱)	a stick that is burned for its smell	Put an incense stick into the jar for a minute.
take out	phrase.	꺼내다	to extract or remove	Don't forget to take out the garbage.

Word List

Class _____ Name _____

Unit 14. Steaming Hot Soup

Word	PoS	한글 뜻	English Definition	Sample Sentence
foggy	adj.	안개 낀	having or filled with fog	Tomorrow, it will be foggy and cloudy all day.
come out from	phrase.	~에서 나오다	to resulted or emerged from something	Hot water vapor comes out from the soup.
cool down	phrase.	식다	to become cooler	The food is very hot, so wait for it to cool down.
steam up	phrase.	김이 서리다	to become covered with a thin layer of water	The mirror steams up when I have a shower.
have a shower	phrase.	샤워를 하다	to wash oneself by standing under the spray of water	They have a shower in the morning.
get home	phrase.	귀가하다	to arrive home	You must get home before dark.

Word List

Class _____ Name _____

Unit 15. Aerospace Engineers

Word	PoS	한글 뜻	English Definition	Sample Sentence
invent	v.	발명하다	to create or produce for the first time	Thomas Edison invented the phonograph.
aerospace	adj.	항공 우주의	producing or operating aircraft or spacecraft	Aerospace engineers make better planes.
drone	n.	드론, 무인 항공기	a small aircraft that flies without a pilot	Get ready for a future where drones are delivering our packages.
satellite	n.	(인공) 위성	a device that travels around the planet to communicate and collect information	They have successfully launched satellites into orbit.
rocket	n.	로켓	a large object that moves very fast, used for space travel	The rocket soared up into the air.
universe	n.	우주	all of space and everything in it including stars, planets, etc.	How many stars are there in the universe?

Word List

Class _____ Name _____

Unit 16. 3D Printing

Word	PoS	한글 뜻	English Definition	Sample Sentence
install	v.	설치하다	to make something ready to be used in a certain place	Can you help me install this software?
software	n.	소프트웨어	the program that run on a computer	He works for a software company.
deliver	v.	배달하다, 전하다	to take something to a person or place	Mail is delivered to our office twice a day.
expensive	adj.	비싼	costing a lot of money	Big houses are very expensive to maintain.
artificial	adj.	인공의	not real or natural; created or caused by people	This product contains no artificial colors.
heart	n.	심장	the organ in the chest that sends the blood around your body	I could feel my heart pounding.