

## Word List – Unit 1

Class

Name

Word	PoS	English Definition	Sample Sentence
ban	v.	to say that something cannot be used or done	What if they want to <b>ban</b> it?
intelligent	adj.	easily able to learn and understand difficult things	In ancient Greece, there was an <b>intelligent</b> philosopher named Socrates
philosopher	n.	a person who studies ideas about knowledge, truth, the nature and meaning of life, etc.	The intelligent <b>philosopher's</b> name was Socrates
challenging	adj.	difficult in a way that usually makes us try harder	It's done by asking and answering <b>challenging</b> questions about an idea.
certain	adj.	used to refer to something or someone that is not named specifically	This helps us to understand why people have <b>certain</b> ideas.
confirm	v.	to cause someone to believe something more strongly	People can <b>confirm</b> or change their beliefs after a rigorous debate.
rigorous	adj.	done carefully and with a lot of attention to detail	After a <b>rigorous</b> debate, people can confirm or change their beliefs.
definite	adj.	said or done in such a way that others know exactly what you mean	Some questions have a <b>definite</b> , correct answer.
ancient	adj.	very old	There was an intelligent philosopher named Socrates in <b>ancient</b> Greece.
appropriate	adj.	correct or right for some purpose or situation	For example, what is <b>appropriate</b> music for children?

**Class**

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administration	n.	a group of people who manage the way a company, school, or other organization works	The school <b>administration</b> has been considering changing this rule.
split	v.	to separate or divide into parts or groups	They <b>split</b> the team into two sides.
argument	n.	a statement or series of statements for or against something	We had one week to prepare our <b>arguments</b> .
education	n.	the action or process of teaching someone, especially in a school, college, or university	First, we argued that students can use their smartphones for <b>education</b> .
definition	n.	the meaning of a word, phrase, etc.	They can do research, find <b>definitions</b> , and use the calculator on their phones.
self-discipline	n.	the ability to make yourself do things that should be done	Second, changing the rule would be a good way to teach <b>self-discipline</b> .
stationery	n.	things, like paper and pencils, that are used for writing or studying	They also wouldn't need to wait for students to take out and put away various <b>stationery</b> items.
convince	v.	to cause someone to agree with or believe that something is correct	Our side <b>convinced</b> some of the teachers to change their minds.
recently	adv.	not long ago	<b>Recently</b> , we had an important debate.
continue	v.	to keep doing something the same way as before	The ban <b>continued</b> .

## Word List – Unit 3

Class

Name

Word	PoS	English Definition	Sample Sentence
desperately	adv.	done with all of your strength or energy and with little hope of succeeding	The world <b>desperately</b> needs clean, reliable, safe, and sustainable energy.
reliable	adj.	able to be trusted to do or provide what is needed	Clean, <b>reliable</b> , safe, and sustainable energy were what people need desperately.
maintain	v.	to keep something working well by checking, making repairs, fixing problems, etc.	They will explode If humans and machines don't <b>maintain</b> these reactors,
explode	v.	to suddenly break apart in a violent way with parts flying outward	If humans and machines don't maintain these reactors, they will <b>explode</b> .
nuclear	n.	of, relating to, energy that is created when the nuclei of atoms are split apart or joined together	<b>Nuclear</b> power is reliable, and sustainable, but dangerous.
weapon	n.	something such as a bomb, gun, or knife that is used for fighting	These are dangerous elements and are used to make nuclear <b>weapons</b> .
eliminate	v.	to get rid of something that is not needed or wanted	Thorium and the molten salt reactor could <b>eliminate</b> the dangers of accidents and weapons.
prevent	v.	to stop someone or something from doing something before it happens	Molten salt reactors rely on physics, not humans or machines, to <b>prevent</b> malfunctions.
abundant	adj.	existing or occurring in large amounts; having a lot of	It's <b>abundant</b> throughout the world.
malfunction	n.	a failure to function or work properly	To prevent <b>malfunctions</b> , molten salt reactors rely on physics, not humans or machines,

## Word List – Unit 4

Class

Name

Word	PoS	English Definition	Sample Sentence
depend	v.	to need something for support, help, etc.	People around the world <b>depend</b> on energy almost every moment of the day.
moment	n.	an exact point in time	People around the world depend on energy almost every <b>moment</b> of the day.
transportation	n.	a system for moving people or things from one place to another	Lighting, heating, communication, and <b>transportation</b> help us to get energy,
efficiently	adv.	in a way that is easy for someone to buy or pay for something	The energy for it must be created and consumed affordably, <b>efficiently</b> , and safely.
vehicle	n.	a machine that carries people or things from one place to another	They are a good start to replace <b>vehicles</b> that rely on fossil fuels.
announce	v.	to make something known in a public or official way	A revolutionary new car will be <b>announced</b> by Pegasus Motors.
revolutionary	adj.	relating to a great or complete change from the past	Pegasus Motors is proud to announce a <b>revolutionary</b> new car.
brilliant	adj.	very intelligent and smart	The clear solution to improve our transportation energy needs is here now, thanks to the <b>brilliant</b> minds at Pegasus Motors.
communication	n.	the ways of sending information to people by using technology	We need energy for many things, like lighting, heating, <b>communication</b> , and transportation.
affordably	adv.	in a way that is easy for someone to buy or pay for something	The energy was created and consumed <b>affordably</b> .

## Word List – Unit 5

Class

Name

Word	PoS	English Definition	Sample Sentence
forever	adv.	for an endless time; at all times	Pi is a number that goes on <b>forever</b> .
symbol	n.	a letter, group of letters, character, or picture that is used instead of a word or group of words	This special number is represented by the <b>symbol</b> $\pi$ .
circumference	n.	the length of a line that goes around a circle or other round shape	It is equal to the <b>circumference</b> of a circle divided by the diameter.
diameter	n.	the distance through the center of something from one side to the other	The circumference of a circle divided by the <b>diameter</b> is equal to $\pi$ .
equation	n.	a statement that two expressions are equal (such as $3 + 2 = 5$ )	The <b>equation</b> is $\pi = C \div d$ . Pi is the same value for every circle.
decimal	n.	a number that is written with a dot or period	People have calculated it to over 10 trillion <b>decimal</b> places!
characteristic	n.	something special that makes one thing different than others	This special <b>characteristic</b> is celebrated in fun ways on Pi Day.
gather	v.	to bring things or people together into a group	On March 14th, 1988, physicist Larry Shaw <b>gathered</b> his friends in San Francisco.
march	v.	to walk with regular steps as a group	They <b>marched</b> around in a circle and ate pies.
recognize	v.	to publicly give special attention or notice to someone or something	In 2009, the US government <b>recognized</b> the day as National Pi Day.

Class

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miss	v.	to not see or hear something	Sorry I <b>missed</b> your call.
chore	n.	a small job that is done regularly, usually involving housework	I was busy doing <b>chores</b> .
figure out	v.	to find an answer or solution for something, such as a problem	<b>Figuring out</b> how many pies I need to prepare is what I need to do.
fraction	n.	a number such as $\frac{1}{2}$ or $\frac{3}{4}$ which indicates that one number is being divided by another	You're good at <b>fractions</b> !
slice	n.	a piece that is cut from a pie, cake, etc.	How many <b>slices</b> are there in a pie?
whole	adj.	having all the parts; not divided or cut into parts or pieces	I'll make four <b>whole</b> pies then.
per	prep.	for each	The recipe says I need ten apples <b>per</b> pie.
quarter	n.	equal or about nearly equal in size, value, amount, etc., to one fourth of something	So, that means one slice has one-and-a- <b>quarter</b> apples.
prepare	v.	to make someone or something ready for some activity, purpose, use, etc.	I need to figure out how many pies I need to <b>prepare</b> .
pick up	v.	to collect something from a different place	There's going to be lots of pie, so I'm <b>picking up</b> milk from the store.

Class

Name

Word	PoS	English Definition	Sample Sentence
considered	adj.	thought of or considered to be something	Claude Monet is <b>considered</b> to be one of the greatest artists of all time.
leading	adj.	very important or most important	He is a <b>leading</b> figure of the Impressionist art style.
figure	n.	a particular type of person, often someone important or famous	Leading <b>figure</b> of the Impressionist art style is him.
master	n.	person who is very skilled at something	Still, Monet went on to become a <b>master</b> of light and color.
view	v.	to look at something carefully	You can <b>view</b> his art in museums and learn about the Impressionist style.
pass away	v.	to die	When he was 17, his mother <b>passed away</b> .
army	n.	a particular country's fighting force	He joined the <b>army</b> , but he got very sick and left.
impression	n.	the way that something seems, looks, or feels to a particular person	Rather than focusing on detail, it gave the <b>impression</b> of the sun just rising.
style	n.	a way of doing something that is typical of a particular person, group, place, or period	The movement made this <b>style</b> of painting popular.
movement	n.	a group of people with the same beliefs who work together to achieve something	This style of painting popular was made by the <b>movement</b> .

Class

Name

Word	PoS	English Definition	Sample Sentence
explain	v.	to tell, show, or be the reason for or cause of something	It <b>explained</b> that an illusion is something that looks different from what it actually is.
appear	v.	to seem to be something	I looked at an optical illusion that <b>appeared</b> to be moving.
trick	v.	to deceive	Optical illusions use colors, lights, and patterns to <b>trick</b> our brains.
dizzy	adj.	feeling that you are turning in circles and are going to fall	I felt a little bit <b>dizzy</b> .
vase	n.	a container that is used for holding flowers or for decoration	It was an image of three <b>vases</b> side by side.
confused	adj.	hard to understand or think about clearly	This one <b>confused</b> me.
horizontal	adj.	positioned from side to side	Last, I saw an image that looked like it had slanted, <b>horizontal</b> lines.
interesting	adj.	getting your attention and making you want to learn more about or do more of something	I thought this was <b>interesting</b> .
illusion	n.	something that looks or seems different from what it actually is	There were many different kinds of art there, but I enjoyed the optical <b>illusions</b> the most.
pamphlet	n.	a small, thin book with no cover or only a paper cover that has information about a particular subject	I got a <b>pamphlet</b> at the museum.