# **Englist.me**

# Vocabulary Builder Reference from...

Jordan Wirfs-Brock: The four things you need to know about the energy you use | TED Talk https://www.ted.com/talks/jordan\_wirfs\_brock\_the\_fo ur\_things\_you\_need\_to\_know\_about\_the\_energy\_yo u\_use



# **All Words**

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# **Session 1: Word List**

# journalist

 a person who collects and writes news stories or articles for newspapers, magazines, radio, television, or other online media

synonym: reporter, newsperson, press

(1) a China-based **journalist**, (2) **journalist** on a magazine Foreign TV crews and **journalists** can go as they please in various locations during the Olympics.

#### proclaim

- v. to announce or state something publicly and forcefully synonym: announce, declare, trumpet
- proclaim victory, (2) proclaim law
   The leader proclaimed a state of emergency in the country.

#### nerd

 a person who is very interested in and knowledgeable about a particular subject such as computers, mathematics, chess, etc.

synonym: geek, techie, wonk

(1) a computer **nerd**, (2) **nerd** neck He was, by nature, a cyber **nerd**.

### guinea

 a former British gold coin worth 21 shillings or a unit of currency used in some West African countries; (Guinea) a republic in western Africa on the Atlantic

*synonym*: coin, money, currency

(1) guinea coins, (2) guinea pig

The cost of the antique vase is three **guineas**.

#### relation

 the way two persons or groups of people feel and act toward one another

*synonym*: association, linkage, connection

(1) **relation** between cause and effect, (2) **relation** of inclusion

The industrial **relations** laws were passed with little to no alteration.

#### counselor

 a person trained to give advice and help people deal with personal or emotional problems

synonym: advisor, consultant, therapist

(1) **counselor** office, (2) admissions **counselor**She is a school **counselor** dedicated to helping students navigate academic and personal challenges.

# electrify

v. to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

synonym: wire, amaze, astonish

(1) **electrify** the audience, (2) **electrify** a manufacturing process

The product developed through years of research continues to **electrify** the market.

### gasoline

 a volatile flammable liquid obtained from petroleum, used mainly as a fuel in car engines, etc.

synonym: gas, petrol, fuel

(1) lead-free **gasoline**, (2) small **gasoline** engine Luxury cars often require high-octane **gasoline** as fuel.

#### turbine

 a machine that rotates to generate power from fluids such as water or gas

synonym: engine, generator, power plant

(1) turbine energy, (2) turbine aerofoil

The wind **turbines** were spinning rapidly, generating clean energy for the nearby town.

#### disconnect

v. to unfasten or disjoin something, especially to break the connection between a supply of gas, water, or electricity and a piece of equipment

synonym: unplug, detach, take apart

(1) **disconnect** a plug, (2) **disconnect** the water supply She finally decided to **disconnect** herself from the company.

# estranged

adj. separated or alienated from someone or something that was once familiar or close; emotionally detached or distant due to a breakdown in a relationship or connection

synonym: alienated, distant, estrous

(1) **estranged** relationship, (2) become **estranged**After years of not speaking to each other, the **estranged**family members finally reunited.

bunch

 a grouping of several similar things which are growing or fastened together

synonym: group, assemblage, bundle

(1) a **bunch** of trees, (2) a **bunch** of schoolgirls One bad apple spoils the whole **bunch**.

physics

- n. the science of matter and energy and their interactions
- (1) nuclear **physics**, (2) laws of **physics**

He studied the **physics** of radiation.

#### coal

 a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat

synonym: ember

(1) a **coal-fired** ship, (2) construction of new **coal** plants We combust **coal** and other fossil fuels to generate electricity.

# engineer

- n. a person whose job is designing, building, or maintaining something such as machines, structures, or software
   synonym: architect, creator, builder
- (1) a civil engineer, (2) engineer shortageThe engineer will repair my telephone tomorrow morning.

# degree

 a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment

synonym: level, qualification, diploma

bachelor's degree, (2) degree centigrade
 She received her degree in psychology from the university.

# stump

 to cause to be perplexed or confused; (noun) the base part of a tree that remains standing after the tree has been felled

synonym: mix up

(1) the riddle **stumped** everybody, (2) we are **stumped** with the problem

He is **stumped** with the question.

# insignificant

- *adj.* of little importance, influence, or power *synonym*: unimportant, trivial, irrelevant
- (1) **insignificant** amount, (2) an **insignificant** mistake He made me feel small and **insignificant**.

#### embarrass

- v. to cause someone to feel awkward, worried, or ashamed synonym: disconcert, unsettle, agitate
- (1) **embarrass** political enemy, (2) **embarrass** my project He looked for an opportunity to **embarrass** that actor in public.

# amazing

adj. extremely surprising, especially in a way that you like or admire

synonym: exceptional, extraordinary, wonderful

(1) amazing advances, (2) the most amazing feeling The golfer recorded an **amazing** distance.

#### license

an official permission or authorization to do, use, or own something; a legal document that grants the holder the right to perform certain activities, such as driving a car, practicing a profession, or using a particular product or service

synonym: permit, authorization, certificate

(1) license renewal, (2) software license Before driving, ensure you have a valid driver's **license**.

grid

a pattern of regularly spaced horizontal and vertical n. lines; a system of high tension cables by which electrical power is distributed throughout a region

synonym: gridiron, battery grid, power system

(1) a grid design, (2) a wire grid

**Grid** pattern roads often appear in urban areas.

#### economical

- adj. providing a satisfactory return on the money, time, or effort; not using more money, fuel, etc. than necessary synonym: frugal, thrifty, parsimonious
- (1) **economical** use of her time, (2) an **economical** meal It is more **economical** to wash your plastic bottle and reuse it.

#### rekindle

to revive or renew something that was previously lost or forgotten, often a relationship or feeling

synonym: revitalize, reignite, revive

(1) rekindle love, (2) rekindle hope

The couple tried to **rekindle** their relationship by spending more time together.

# counseling

n. the process of providing guidance and support to someone, often in a therapeutic or professional context, to help them overcome personal or emotional difficulties and improve their mental health and well-being

synonym: therapy, guidance, advice

(1) **counseling** about risk management, (2) career **counseling** 

I am going to **counseling** to work through my anxiety and depression.

#### session

 a formal meeting or series of meetings for the execution of a particular group's functions; a period spent doing a particular activity

synonym: conference, gathering

(1) the morning **session**, (2) the court **session** Parliament is now in **session**.

# estrangement

- n. the state of being separated or distant, especially in a relationship or between family members or friends
   synonym: alienation, separation, detachment
- (1) **estrangement** from family, (2) emotional **estrangement**The **estrangement** between the two friends lasted for years.

#### communicate

 to share or exchange information with others by speaking, writing, moving your body, or using other signals

synonym: convey, share, transmit

- (1) communicate his anxieties to the psychiatrist,
- (2) communicate well with my advisor

Dolphins use sound to **communicate** with each other.

#### breakdown

- n. a failure or collapse of a system or organizationsynonym: collapse, failure, malfunction
- (1) a nervous **breakdown**, (2) **breakdown** maintenance The **breakdown** of the machinery caused a delay in production.

#### definition

n. a concise explanation of the meaning of a word, phrase, or symbol

synonym: description, connotation, meaning

(1) a precise **definition**, (2) the **definition** of a word Parallel lines are, by **definition**, lines on the same plane that never cross.

#### chill

 a feeling of coldness that makes one shiver; (verb) to make cool or cooler

*synonym*: coldness, coolness, (verb) freeze

(1) the **chill** of autumn, (2) feel a slight **chill** His swear words cast a **chill** on the party.

# fridge

 a piece of electrical equipment in which food can be stored at low temperatures so that it stays fresh

*synonym*: refrigerator

fridge magnet, (2) fill the fridge
 She left the fridge door open inadvertently.

#### calorie

- unit of heat defined as the quantity of heat required to raise the temperature of 1 gram of water by 1 degree Celsius at atmospheric pressure, used by nutritionists to measure how much energy food will produce
- (1) **calorie** calculation, (2) reduce my **calorie** intake It would be best if you burned off **calories** through vigorous exercise.

# brainstorming

- a group activity or business method in which a group of people meet and think about something at the same time to solve a problem or to create good ideas
- (1) **brainstorming** session, (2) do a **brainstorming** about a new product

Many companies employ **brainstorming** as a good way of generating innovative ideas.

#### neuron

 a cell that is specialized to carry information within the brain and between the brain and other parts of the body synonym: nerve cell

(1) excite the **neurons**, (2) **neuron** cell body

Our body transfers information along each **neuron** using an electrical impulse.

brain

 the organ inside the head that is responsible for one's movement, thought, memory, and feeling

*synonym*: intellect, mind, encephalon

(1) basic **brain** function, (2) permanent **brain** damage X-rays revealed a small tumor in his **brain**.

costume

 a set of clothes worn by an actor in a play or film or by a person representing a particular character or occupation

synonym: attire, garb, outfit

(1) **costume** party, (2) **costume** change

She wore a beautiful **costume** for the play.

destroy

v. to ruin or damage severely or completely; to eradicate or eliminate completely

synonym: demolish, ruin, obliterate

(1) destroy the ecosystem, (2) destroyed evidence

The building was **destroyed** in the fire and had to be rebuilt.

pending

adj. awaiting a decision or resolution; yet to be resolved

synonym: waiting, undetermined, forthcoming

(1) pending approval, (2) patent pending

I had a **pending** transaction on my credit card.

advancement

the development, improvement, or progress of something

*synonym*: progression, breakthrough, improvement

(1) **advancement** of knowledge, (2) career **advancement** Competition between countries resulted in fast technological **advancement**.

### montage

 a sequence of images, sounds, or clips that are combined to convey a particular message or emotion

synonym: collage, mosaic, compilation

(1) montage sequence, (2) photographic montage

The film used a **montage** of images to show the progress of the character's journey over time.

# agriculture

 the practice or science of cultivating the land or raising stock

synonym: farming, husbandry, agribusiness

(1) organic **agriculture**, (2) intensive **agriculture** 

**Agriculture** is the foundation of our economy.

# chop

v. to cut something into pieces with a sharp tool, such as a knife

synonym: cut, hack, slice

(1) **chop** wood, (2) **chop** a meet with a knife

The cook **chopped** the vegetables for the soup.

# straight

adj. extending or moving in one direction without bending or curving; having no deviations

synonym: linear, honest, consecutive

(1) a **straight** line, (2) **straight** for two months

He was sick for five **straight** days.

#### industrial

adj. of or relating to or resulting from industry

synonym: manufacturing, mechanical

(1) beginning of the **industrial** revolution, (2) **industrial** alcohol

**Industrial** design has become more focused on human nature aspect than ever before.

# complexity

 the state or quality of being complicated or intricate and difficult to understand

synonym: intricacy, sophistication, elaboration

(1) cognitive complexity, (2) complexity theory

The project's **complexity** made it difficult for the team to complete it on time.

# supercomputer

 a computer with a high level of computing power and speed, typically used for scientific or engineering computations that require immense amounts of data processing

synonym: high-performance computer, mainframe, giant computer

(1) **supercomputer** performance, (2) **supercomputer** technology

China has developed one of the world's fastest **supercomputers** for its space program.

roll

v. to move in a particular direction by turning over and over or from side to side

synonym: spin, swirl, wheel

(1) roll a ball, (2) roll down his cheeks

He was exhausted and **rolled** into bed as soon as he got home.

# breakthrough

 a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem

synonym: advance, progress, innovation

(1) **breakthrough** in the negotiations, (2) **breakthrough** discovery

A technique called deep learning has led to **breakthroughs** in Al.

#### domesticate

v. to take control of animals or plants to provide food, power, or company

synonym: tame, naturalize, cultivate

(1) easy to **domesticate**, (2) **domesticate** the plant We **domesticate** cows to gain milk and meat.

# **battery**

a device that is placed inside a car, gadget, equipment,
 etc. and that provides electrical power to them

synonym: electric cell, array, batch

(1) a dry battery, (2) battery charging

The engine did not start because the **battery** was flat.

# essentially

adv. relating to the essential features or concepts of anything synonym: fundamentally, basically, virtually

(1) **essentially** correct, (2) become **essentially** same **Essentially**, a society is an organism.

#### command

n. authority, control, or mastery over something, often referring to military or leadership contexts; a directive, order, or instruction; expertise or confidence in a specific area; (verb) to give an authoritative order or instruction, or to be in charge or control of something

synonym: control, authority, leadership

(1) **command** and control, (2) **command** a battery The general gave a **command** to his troops to prepare for battle.

#### windmill

n. a machine that uses wind power to generate mechanical energy or electricity

synonym: wind turbine, aerogenerator

(1) windmill blades, (2) windmill energy

The countryside was dotted with picturesque windmills.

#### invention

n. the creation of a new device or process resulting from study and experimentation; the act of inventing

*synonym*: creation, design, innovation

(1) the **invention** of new techniques, (2) common **invention** Necessity is the mother of **invention**.

# engine

 a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose

synonym: motor, locomotive, driver

a steam engine,
 an air-cooled engine
 engine of economic

growth in the country.

#### modern

adj. of or belonging to the present time or recent times synonym: contemporary, stylish, current

(1) **modern** poetry, (2) pre- **modern** agricultural society Their headquarters are in a **modern** skyscraper.

#### nuclear

adj. of or relating to or constituting the nucleus of an atom;
 deriving destructive energy from the release of atomic energy

synonym: atomic

(1) nuclear fusion, (2) use of nuclear power

Many countries have now agreed to a treaty banning the use of **nuclear** weapons.

#### freak

- n. an abnormality that is not typical or expectedsynonym: anomaly, deviation, oddity
- (1) a rock freak, (2) freak weather

The **freak** accident caused the car to flip over and land on its roof.

# digital

adj. processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

synonym: numerical, computerized, cyber

(1) a **digital** watch, (2) **digital** electronic signature Sensors convert physical phenomena into **digital** signals.

#### revolution

n. a large-scale attempt to overthrow the government of a country, often using violence or war;

synonym: coup, innovation, rebellion

(1) beginning of the industrial **revolution**, (2) a political **revolution** 

The **revolution** by the citizen resulted in a redistribution of wealth.

giant

adj. enormous; much bigger or more important than similar items usually are

synonym: big, gigantic, huge

(1) giant trees, (2) giant tech company

The **giant** jets gradually dominate the world's airlines.

server

 a computer program or a device from which other computers get information; a person who serves food in a restaurant

synonym: computer, waiter, waitperson

- (1) a mail **server**, (2) work as a **server** in a restaurant After the airing of the TV commercial, many people accessed the website, and the **server** went down.
- arid land with little or no vegetation often covered with sand or rocks
- desert basin, (2) oasis in the desert
   This region is predominantly desert.

boom

desert

 a sudden increase in economic activity, or a sudden happening that brings good fortune; a deep, loud, and prolonged sound

synonym: roaring, prosperity, boost

(1) **boom** in sales, (2) a sonic **boom** 

The high-technology industry is enjoying a **boom**.

equivalent

- n. having the same value, quality, meaning, purpose, etc.synonym: equal, counterpart, match
- (1) **equivalent** amounts, (2) **equivalent** in meaning
  The European Central Bank is Europe's **equivalent** of the
  Federal Reserve.

battalion

 a large, organized military unit composed of several companies, typically commanded by a lieutenant colonel or a major

synonym: unit, regiment, squad

(1) infantry **battalion**, (2) armored **battalion** 

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The enemy forces were no match for the well-trained battalion.

### dispose

to put things or people in a particular manner or position;
 to incline someone towards a specific activity or mood;
 throw or cast away

synonym: get rid of, arrange, set

(1) **dispose** battleships for a battle, (2) **dispose** of a used product

Generally speaking, the child is innately **disposed** to learn a language.

# lightning

 a flash, or several flashes, of light that accompanies an electric discharge in the atmosphere, or something resembling such a flash

synonym: bolt, electrical discharge

- streaks of lightning, (2) lightning air strike
   the human eye is lightning-fast in recognizing objects.
- a metal bar that slides across to lock a door or window closed; a discharge of lightning accompanied by thunder; (verb) to move or jump suddenly

synonym: lock, fastener, thunderbolt

(1) bolt diameter, (2) bolt from my bed

The lightning **bolt** twigged in several directions.

Zeus

bolt

n. the king of the gods in ancient Greek mythology, who was the god of the sky and thunder, and was the most powerful of the Olympian gods, who resided on Mount Olympus

*synonym*: king of gods, god of thunder, ruler of olympus

(1) **Zeus** statue, (2) greek mythology **Zeus** 

The temple of **Zeus** at Olympia was one of the Seven Wonders of the Ancient World.

#### marathon

n. a long-distance race of 42.195 kilometers

synonym: endurance, race, event

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(1) run a marathon,	(2) watch a marathon			
She successfully completed her first marathon with a				
personal best time.				

WOO

v. to seek the affection or favor of someone; to court or pursue someone romantically or with flattery

synonym: court, pursue, charm

(1) **woo** consumers, (2) **woo** voters with promises He tried to **woo** her with his charm and wit.

scree

 a mass of small, loose fragments of rock that may have accumulated at the base of a cliff or mountain slope, often forming a talus or scree slope

synonym: boulder, pebble, rock

(1) scree pile, (2) gravelly scree

The hiker lost his footing on the **scree** slope and fell down the mountainside.

mud

n. a soft, wet, sticky earth or clay

synonym: muck, sludge, ooze

(1) mud wall, (2) mud volcano

The **mud** of the swamp made it difficult to walk through the field.

ordeal

 a painful, difficult, or dangerous experience or trial; a severe test of endurance or patience

synonym: trial, hardship, torment

(1) ordeal by fire, (2) emotional ordeal

The car accident was a traumatic **ordeal** for everyone involved.

tight

- *adj.* fixed, fastened, or kept together firmly or closely *synonym*: closed, secured, cramped
- (1) a **tight** game, (2) student on a **tight** budget The national election was held amid **tight** security.

#### intake

n. the act or process of taking food, air, etc., into your body through the mouth; the amount of food, air, or another substance that you take into your body

synonym: consumption, absorption, inhalation

(1) a small **intake** of breath, (2) an **intake** pipe He has been advised to reduce his daily fat **intake**.

# constantly

adv. all the time

synonym: continuously, always, frequently

(1) a **constantly** innovative enterprise, (2) a **constantly** varying mind

The mobile application industry is **constantly** changing.

gel

n. a semi-solid substance, often transparent or translucent, that is used in various products from personal care to food to medicine, and which typically consists of a gelling agent that thickens the liquid

synonym: jelly, goo, paste

(1) gel nail polish, (2) antibacterial gel

I must use hair **gel** to style my hair for the job interview.

pace

 the speed at which someone or something moves, or the rate at which something happens or changes

synonym: gait, rate, speed

(1) at your own pace, (2) the runner's pace

The economy is growing at a supercharged pace.

bloated

 adj. having an abnormally swollen or enlarged appearance, often due to an accumulation of fluid or excessive consumption of food or drink

synonym: swollen, inflated, puffed-up

(1) bloated budget, (2) bloated feeling

Her stomach was visibly **bloated** after eating a large meal.

vomit

to eject food, blood, etc., from the stomach through the mouth; (noun) the matter ejected from the stomach through the mouth

synonym:

puke, throw up, spew

(1) **vomit** abuse, (2) **vomit** after ingesting

She felt sick and had to run to the bathroom to **vomit**.

ramp

 a sloping surface connecting two levels or inclines, typically used for the movement of people, vehicles, or goods

*synonym*: slope, incline, gradient

(1) the **ramp** of a chasm, (2) an exit **ramp** 

The wheelchair user needed a **ramp** to access the building's entrance.

intimate

adj. having a very close friendship, personalsynonym: close, tight, friendly

(1) my **intimate** affairs, (2) **intimate** relationship He has an **intimate** knowledge of American history.

skyrocket

- v. to rapidly ascend to a very high level; increase rapidly; synonym: rocket, soar, shoot up
- (1) **skyrocket** the cost, (2) price **skyrocketed**Production has decreased, but costs and unemployment have **skyrocketed** dramatically.

blind

adj. unable to see; unable or unwilling to perceive or understand the true nature of somethingsynonym: sightless, unseeing, random

blind to the beauties, (2) blind spot
 She was nearly blind due to severe diabetes.

peanut

- a type of legume that grows underground and is widely cultivated and consumed as a food source
- synonym: nut, groundnut, earthnut
- (1) **peanut** butter, (2) the seed of a **peanut**Some people have severe allergies to **peanuts** and must avoid them completely.

#### smoothie

n. a thick, blended beverage made from fruits, vegetables, and often other ingredients such as yogurt, milk, or protein powder; a person, typically a man, who is suave, charming, and polished

synonym: shake, smoothie, blended drink

(1) smoothie recipe, (2) fruit smoothie

She blended strawberries, yogurt, and ice to make a delicious **smoothie** for breakfast.

#### blend

- v. to mix or combine two or more substancessynonym: combine, mix, intermingle
- (1) **blend** all the elements, (2) **blend** milk and cream The toad altered its appearance to better **blend** in with its new environments.

#### outlet

 a means of release or expression, often for emotions or energy; a place of business that sells goods directly to customers; a device or opening through which something can flow out

synonym: opening, vent, aperture

(1) an outlet for water, (2) media outlet

The **outlet** in the bathroom was faulty, so I had to use a different one for my hair dryer.

#### substation

 a facility where high-voltage electric power is transformed to a lower voltage, allowing the energy to be distributed through power lines to homes and businesses

synonym: power plant, electrical grid

(1) distribution substation,(2) power substationA malfunction at the substation caused the power outage.

#### transmission

 the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television

synonym: transportation, communication, broadcast

(1) transmission speed, (2) the transmission gears of a

car

Education is the **transmission** of civilization.

### interrupt

v. to say or do something that causes someone to stop in their speech or action

synonym: disturb, hinder, break in

(1) interrupt a call, (2) abruptly interrupt

Her sleep was **interrupted** by recurring pain.

#### chain

 a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle

synonym: series, string, link

(1) **chain** reaction, (2) supply **chain** 

The **chain** on my bike broke, leaving me stranded.

# spin

v. to cause something to rotate rapidly; to cause someone to feel dizzy or disoriented

synonym: rotate, twirl, swirl

(1) spin a top, (2) spin thread out of cotton

The tornado is **spinning** across the countryside, destroying everything in its path.

# slightly

adv. in a small degree or extent; a little

synonym: barely, narrowly, scarcely

(1) increase slightly, (2) slightly alkaline soils

He moved his body **slightly** to the left.

# accommodate

v. to provide someone with a place to live or to be stored in; to make fit for or to change to suit a new purpose

synonym: house, rent, adjust

(1) **accommodate** a person with money, (2) **accommodate** these needs

This large SUV accommodates eight people.

#### invisible

adj. impossible or nearly impossible to see

synonym: hidden, imperceptible, unseen

(1) an **invisible** asset, (2) **invisible** stars

The phenomenon is **invisible** at optical wavelengths.

# magic

 beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers

*synonym*: fascination, illusion, wizardry

(1) a magic spell, (2) she is magic

He performed **magic** tricks with sophisticated moves.

# instinct

 an inborn behavioral pattern that is often responsive to specific stimuli; an innate feeling that causes you to act or believe that something is true

*synonym*: intuition, aptitude, feeling

(1) **instinct** for self-preservation, (2) aggressive **instinct** When faced with a dangerous situation, his initial **instinct** was to flee.

#### awareness

the fact or state of knowing something exists and is important

synonym: understanding, cognition, knowledge

(1) **awareness** of my ignorance, (2) raise public **awareness** There has been a gradual but steady rise in environmental **awareness**.

#### grant

 $\nu$ . to agree to give or allow somebody

synonym: allocate, authorize, give

(1) grant a new license, (2) grant a land

The chairperson **granted** him the right to speak.

# implication

 something that is inferred or indirectly stated; the act or fact of being involved in something

synonym: suggestion, association, conclusion

(1) the **implication** in a crime, (2) the **implication** of a word His poem has a very significant **implication**.

# appetite

 a natural desire or craving for food or drink; a strong desire or liking for something

synonym: hunger, appetite, craving

(1) appetite suppression, (2) loss of appetite

After a long hike, I had a huge **appetite** and devoured my meal in minutes.

#### tackle

- v. to try to deal with a complex problem or situation synonym: deal with, dive into, work on
- (1) **tackle** the issue, (2) help **tackle** climate change The government is determined to **tackle** sharp inflation.

#### involve

v. to include or affect someone or something as a necessary part of something else

synonym: implicate, include, engage

(1) **involve** a lot of paperwork, (2) **involve** a high degree of risk

The investigation **involves** several government agencies and is expected to take several months.

# disengage

 to withdraw or separate oneself from a situation or relationship

synonym: withdraw, separate, detach

(1) **disengage** the clutch, (2) **disengage** socially He **disengaged** from the conversation and walked away.

# complication

 something that makes a situation or condition that is complex or confused

synonym: confusion, complexity, difficulty

(1) **complication** of structure, (2) resolve without **complication** 

He also continued to struggle with serious long-term **complications**.

#### handle

v. to deal with a situation, problem, or strong emotion synonym: control, manage, deal with

(1) **handle** a precious object, (2) **handled** the incident We all should learn how to **handle** stress.

dial

v. to adjust or set the controls of a machine or device by turning a controller called dial; (noun) a disc on a telephone that is rotated a fixed distance for each number called

synonym: adjust, set, turn

- (1) **dial** up the volume, (2) **dial** down the tension He **dialed** the phone number and waited for an answer.
- n. the weather in a particular location averaged over some long period

*synonym*: atmosphere, weather, environment

(1) a cold **climate**, (2) effects of **climate** change **Climate** and weather have an impact on every part of our lifestyles.

economy

climate

n. the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel

*synonym*: finance, trade, business

political instability.

(1) economy of scale, (2) economy classThe economy of the country is struggling due to the recent

geopolitical

- adj. of or relating to political activity or relations between countries and groups of countries, as influenced by the physical features of a country or area
- (1) the **geopolitical** situations, (2) reduce **geopolitical** risk The country holds dominant **geopolitical** power over its neighbors.

poverty

n. the condition of being extremely poorsynonym: deprivation, destitution, poorness

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(1) <b>poverty</b> alleviation,	(2) the cycle of <b>poverty</b>		
Many studies have investigated the relationship between			
poverty and academic achievement.			

#### crux

 the most important or fundamental part of a matter or situation; the key point or central issue

synonym: heart, core, essence

(1) main **crux**, (2) the **crux** of the argument The **crux** of the matter was that the company was not financially stable.

# technological

adj. based on scientific and industrial progresssynonym: specialized, technical

(1) **technological** advancement, (2) **technological** policy **Technological** advances have disrupted many industries.

#### render

v. to bring someone or something into a particular state; to provide something such as service, help, etc.

synonym: deliver, give, provide

(1) **render** an assessment, (2) **render** the contract void The jury must **render** a decision on this complex case.

#### useless

adj. not serving any useful purpose; having no practical result

synonym: ineffectual, unhelpful, worthless

(1) **useless** information, (2) **useless** in the kitchen The old, rusty tools were now **useless** and had to be thrown away.

#### relax

v. to become or cause someone to become less active or tense and calmer

*synonym*: soften, comfort, soothe

relax a series of muscles, (2) relax at home
 The rules were relaxed after the new executive arrived.

#### breath

the air that is taken into and expelled from your lungs;
 the process of taking into and expelling air from your lungs

*synonym*: air, puff, whiff

(1) hold your breath, (2) breath of wind

He bated his **breath** when talking about this affair.

#### bleak

 adj. unlikely to be favorable; unpleasantly cold and damp; offering little or no hope

synonym: miserable, pathetic, dim

(1) prospects were bleak, (2) bleak future

The political landscape looks **bleak** without a change of administration.

# practical

adj. of or connected with actual use or real situation rather than with theory and ideas

synonym: applicable, functional, realistic

(1) **practical** English, (2) gain **practical** experience Her concept is highly **practical** and helpful.

#### consult

 to seek or get advice or information from a person, book, or other source having special knowledge on a particular subject

synonym: confer, consider, see

(1) regularly **consult** with a doctor, (2) **consult** my wallet Always **consult** a lawyer before launching a business.

#### illustrate

v. to provide pictures, photographs, diagrams, etc. in a book or something for explanation

synonym: demonstrate, explain, exemplify

(1) **illustrate** a key point, (2) **illustrate** a story

The company's financial records **illustrate** how successful it has been.

#### habituate

 to accustom or become accustomed to a particular situation, habit, or behavior through repeated exposure or experience; to make something a habit or regular

# practice

synonym: accustom, familiarize, adapt

(1) **habituate** to coffee, (2) **habituate** to exercise It takes time to **habituate** to a new work schedule, but eventually, it becomes routine.

#### reliable

adj. worthy of being relied on; trustworthysynonym: dependable, trustworthy, dedicated

(1) **reliable** access, (2) guarantee **reliable** delivery Trains are **reliable**, inexpensive, and ideal for long-distance travel.

### discuss

 to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic

synonym: talk about, converse, debate

(1) discuss options, (2) discuss solutions

We need to **discuss** the next steps for the project during our meeting tomorrow.

# utility

 the state or quality of being useful or convenient; the service, such as electric power or water or transportation, provided by a public

synonym: usefulness, practicality, utility

(1) utility costs, (2) marginal utility

The **utility** of the device was immediately apparent to all who saw it.

### setup

 the arrangement or organization of something, often with a specific purpose or intention; a scheme or plan that is intended to deceive or trick someone

synonym: arrangement, installation, organization

(1) office setup, (2) network setup

The **setup** for the conference was impressive and professional.

#### accustomed

- adj. familiar with; used to; in the habit of; having become habituated to something, often a behavior or situationsynonym: familiar, customary, habitual
- (1) **accustomed** routine, (2) **accustomed** to complaints I am **accustomed** to waking up early for work.

# dissipated

adj. dispersed or scattered in different directions; wasted or squandered on excessive or extravagant pleasures such as drinking, partying, or gambling; characterized by a lack of focus or discipline

synonym: debauched, dissolute, decadent

(1) **dissipated** lifestyle, (2) **dissipated** energy His **dissipated** behavior at the party concerned his friends, who wondered if he had a substance abuse problem.

peek

 a quick or furtive look; (verb) to take a quick and secret look at something

synonym: glimpse, look, glance

sneak peek, (2) peek at others' misfortune
 she took a quick peek inside the box before closing it again.

#### reconnect

- v. to connect again after a break or interruption synonym: reopen, rejoin, link up
- (1) **reconnect** a telephone, (2) **reconnect** with family After a long period of estrangement, they **reconnected** with each other.

gaze

v. to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else

synonym: stare, gawk, look

(1) **gaze** steadily at his face, (2) **gaze** absently out a window The youngster was **gazed** at by the beast.

flame

 a bright, visible light and heat source caused by combustion; a strong, intense feeling typically associated with passion, aggression, or anger synonym: blaze, inferno, fire

(1) flame of passion, (2) simmering flame

The **flame** of the candle flickered in the darkness of the room.

#### overload

 $\nu$ . to put too much a load in or on something

synonym: overfill, excess, weigh down

(1) **overload** the circulatory system, (2) **overload** a muscle Be careful not to **overload** the laundry machine.

#### consume

 to spend something, especially fuel, energy, or time, in a large amount

synonym: absorb, ingest, use up

(1) **consume** a large of alcohol, (2) **consume** electricity A smaller car will **consume** less fuel.

# binge

 a period of excessive or uncontrolled consumption, often of food or alcohol; a spree or bout of reckless behavior or indulgence

synonym: spree, overindulgence, splurge

(1) binge on social media, (2) alcohol binge
She stayed up all night binge-watching her favorite TV show.

slice

 a flat, often thin, piece of bread, meat, cheese, etc., that has been cut from a larger piece; a wound made by cutting

synonym: piece, portion, slit

(1) a **slice** of the company's revenue, (2) **slice** a tomato thin The children complained because one **slice** of cake was slightly larger than the other.

#### creative

adj. relating to or involving the use of skill and original and unusual ideas to create something

synonym: imaginative, innovative, inventive

(1) **creative** writing, (2) barren of **creative** spirit

All the supervisor has to do is assign tasks that make his

#### subordinates more creative.

### goggle

v. to look at someone or something with amazement; to look stupidly; (noun, plural) tight-fitting spectacles that are worn to prevent particulates, water, or chemicals from striking the eyes

synonym: gaze, gawk, gape

(1) **goggle** his eyes, (2) infrared **goggles**The software company bought the VR **goggles**manufacturer.

#### excite

- v. to make someone feel suddenly enthusiastic or eager synonym: thrill, exhilarate, animate
- (1) **excite** the crowd, (2) **excite** rebellion The news of her promotion **excited** her.

#### societal

adj. relating to society or social relationships synonym: social, communal, cultural

(1) **societal** norms, (2) **societal** expectations

The societal pressure to conform is strong in this community.

#### distance

n. the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance

synonym: space, gap, span

(1) driving distance, (2) social distance

The marathon runner covered a long **distance** in a short amount of time.

### innovation

 the creation of a new device or process resulting from study and experimentation

synonym: invention, initiation, creation

(1) **innovation** leader, (2) cutting-edge **innovation**The vegetarian burger was an **innovation** that quickly spread to the United Kingdom.

# dynamic

adj. having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)

synonym: energetic, active, vital

(1) a dynamic market, (2) dynamic person

The sprinter has a **dynamic** way of running.

#### drastic

adj. radical and extreme; likely to have a significant or far-reaching impact

synonym: extreme, fierce, radical

(1) drastic measures, (2) make drastic revision

The global community is undergoing **drastic** changes at present.

#### obsess

 to fill the mind of someone continually so that one can't think of anything else

synonym: torment, beset, engross

(1) **obsess** over her weight, (2) he is **obsessed** with the fear

He's utterly **obsessed** with his promotion.

# **Session 2: Spelling**

1	١.	cr	ve	writ	ing

- 2. construction of new c\_\_l plants
- 3. tu e aerofoil
- 4. re\_\_\_\_ct with family
- 5. prospects were bl\_\_k
- 6. beginning of the industrial rev\_\_\_\_on
- 7. st ht for two months
- 8. office se\_\_p
- 9. alcohol bi\_\_e

- adj. relating to or involving the use of skill and original and unusual ideas to create something
- a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat
- a machine that rotates to generate power from fluids such as water or gas
- v. to connect again after a break or interruption
- adj. unlikely to be favorable; unpleasantly cold and damp; offering little or no hope
- a large-scale attempt to overthrow the government of a country, often using violence or war;
- adj. extending or moving in one direction without bending or curving; having no deviations
- the arrangement or organization of something, often with a specific purpose or intention; a scheme or plan that is intended to deceive or trick someone
- a period of excessive or uncontrolled consumption, often of food or alcohol; a spree or bout of reckless behavior or indulgence

ANSWERS: 1. creative, 2. coal, 3. turbine, 4. reconnect, 5. bleak, 6. revolution, 7. straight, 8. setup, 9. binge

ocab-Builder Ref from "Jordan Wirfs-Brock: The four things you need to know about the energy you use   TED Talk" (149 words			
10. coe electricity	v. to spend something, especially fuel, energy, or time, in a large amount		
11. ecy of scale	n. the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel		
12. equnt amounts	<ul><li>n. having the same value, quality, meaning, purpose, etc.</li></ul>		
13. gua pig	<ul> <li>a former British gold coin worth 21 shillings or a unit of currency used in some West African countries; (Guinea) a republic in western Africa on the Atlantic</li> </ul>		
14. dis solutions	v. to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic		
15. ine a lot of paperwork	v. to include or affect someone or something as a necessary part of something else		
16. supply chn	<ul> <li>a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle</li> </ul>		
17. obs over her weight	v. to fill the mind of someone continually so that one can't think of anything else		
18. cognitive comty	<ul> <li>n. the state or quality of being complicated or intricate and difficult to understand</li> </ul>		

ANSWERS: 10. consume, 11. economy, 12. equivalent, 13. guinea, 14. discuss, 15. involve, 16. chain, 17. obsess, 18. complexity

ANSWERS: 19. interrupt, 20. grid, 21. chill, 22. blind, 23. vomit, 24. societal, 25. tackle, 26. ordeal, 27. counseling, 28. instinct

29. a	cced to complaints	adj.	familiar with; used to; in the habit of; having become habituated to something, often a behavior or situation
30. g	reek mythology Zs	n.	the king of the gods in ancient Greek mythology, who was the god of the sky and thunder, and was the most powerful of the Olympian gods, who resided on Mount Olympus
31. a	dil watch	adj.	processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
32. c	ot my wallet	v.	to seek or get advice or information from a person, book, or other source having special knowledge on a particular subject
33. s	le a tomato thin	n.	a flat, often thin, piece of bread, meat, cheese, etc., that has been cut from a larger piece; a wound made by cutting
34. c	omte well with my advisor	<i>v</i> .	to share or exchange information with others by speaking, writing, moving your body, or using other signals
35. a	precise defon	n.	a concise explanation of the meaning of a word, phrase, or symbol
36. e	coal use of her time	adj.	providing a satisfactory return on the money, time, or effort; not using more money, fuel, etc. than necessary
37. re	eon between cause and effect	n.	the way two persons or groups of people feel and act toward one another
	WERS: 29. accustomed, 30. Zeus, 31	_	

Vocab-Builder Ref from "Jordan Wirfs-Brock: The four things you need to know about the energy you use | TED Talk" (149 words)

ab-Builder Ref from "Jordan Wirfs-Brock: The f	our things you need	d to know about the energy you use   TED Talk" (149 words
38. cod a battery	n.	authority, control, or mastery over something, often referring to military or leadership contexts; a directive, order, or instruction; expertise or confidence in a specific area; (verb) to give an authoritative order or instruction, or to be in charge or control of something
39. a computer nd	n.	a person who is very interested in and knowledgeable about a particular subject such as computers, mathematics, chess, etc.
40. reon of inclusion	n.	the way two persons or groups of people feel and act toward one another
41. the rp of a chasm	n.	a sloping surface connecting two levels or inclines, typically used for the movement of people, vehicles, or goods
42. organic agrre	n.	the practice or science of cultivating the land or raising stock
43. watch a maon	n.	a long-distance race of 42.195 kilometers
44. insant amount	adj.	of little importance, influence, or power
45. become esed	adj.	separated or alienated from someone or something that was once familiar or close; emotionally detached or distant due to a breakdown in a relationship or connection
46. tue energy	n.	a machine that rotates to generate power from fluids such as water or gas
47. dl down the tension	ν.	to adjust or set the controls of a machine or device by turning a

ANSWERS: 38. command, 39. nerd, 40. relation, 41. ramp, 42. agriculture, 43.

marathon, 44. insignificant, 45. estranged, 46. turbine, 47. dial

controller called dial; (noun) a disc on a

telephone that is rotated a fixed distance for each number called

48. inct for self-preservation	n.	an inborn behavioral pattern that is often responsive to specific stimuli; an innate feeling that causes you to act or believe that something is true
49. student on a tit budget	adj.	fixed, fastened, or kept together firmly or closely
50. dl up the volume	ν.	to adjust or set the controls of a machine or device by turning a controller called dial; (noun) a disc on a telephone that is rotated a fixed distance for each number called
51. die of a used product	v.	to put things or people in a particular manner or position; to incline someone towards a specific activity or mood; throw or cast away
52. armored baon	n.	a large, organized military unit composed of several companies, typically commanded by a lieutenant colonel or a major
53. small gane engine	n.	a volatile flammable liquid obtained from petroleum, used mainly as a fuel in car engines, etc.
54. run a maon	n.	a long-distance race of 42.195 kilometers
55. illte a story	v.	to provide pictures, photographs, diagrams, etc. in a book or something for explanation
56. brwn maintenance	n.	a failure or collapse of a system or organization
ANSWEDS: 48 instinct 40 tight 50 dial	<b>5</b> 1 <i>i</i>	dispose 52 hattalion 52 gasoline 54
ANSWERS: 48. instinct, 49. tight, 50. dial,	J I. (	uispuse, sz. valtallutt, ss. yasullte, s4.

Vocab-Builder Ref from "Jordan Wirfs-Brock: The four things you need to know about the energy you use | TED Talk" (149 words)

marathon, 55. illustrate, 56. breakdown

ANSWERS: 57. physics, 58. journalist, 59. estrangement, 60. chill, 61. nuclear, 62. mud, 63. innovation, 64. gel, 65. reconnect, 66. pace

ANSWERS: 67. industrial, 68. blend, 69. invention, 70. dissipated, 71. advancement, 72. smoothie, 73. relax, 74. reliable, 75. complication, 76. skyrocket, 77. accustomed

a quick or furtive look; (verb) to take a 78. sneak p k n. 79. co\_\_\_\_e party n. 80. a political rev\_\_\_\_on n. 81. go e his eyes 82. re le hope ν. 83. b\_t from my bed n. 84. vo t after ingesting 85. marginal ut y n.

86. ha\_\_\_\_te to coffee

- quick and secret look at something
- a set of clothes worn by an actor in a play or film or by a person representing a particular character or occupation
- a large-scale attempt to overthrow the government of a country, often using violence or war;
- to look at someone or something with amazement; to look stupidly; (noun, plural) tight-fitting spectacles that are worn to prevent particulates, water, or chemicals from striking the eyes
- to revive or renew something that was previously lost or forgotten, often a relationship or feeling
- a metal bar that slides across to lock a door or window closed; a discharge of lightning accompanied by thunder; (verb) to move or jump suddenly
- to eject food, blood, etc., from the stomach through the mouth; (noun) the matter ejected from the stomach through the mouth
- the state or quality of being useful or convenient; the service, such as electric power or water or transportation, provided by a public
- to accustom or become accustomed to ν. a particular situation, habit, or behavior through repeated exposure or experience; to make something a habit or regular practice

ANSWERS: 78. peek, 79. costume, 80. revolution, 81. goggle, 82. rekindle, 83. bolt, 84. vomit, 85. utility, 86. habituate

ANSWERS: 87. essentially, 88. battery, 89. neuron, 90. freak, 91. roll, 92. modern, 93. awareness, 94. magic, 95. lightning, 96. calorie

energy food will produce

97. domte the plant	v.	to take control of animals or plants to provide food, power, or company
98. a conly innovative enterprise	adv.	all the time
99. bld feeling	adj.	having an abnormally swollen or enlarged appearance, often due to an accumulation of fluid or excessive consumption of food or drink
100. a buh of schoolgirls	n.	a grouping of several similar things which are growing or fastened together
101. drc measures	adj.	radical and extreme; likely to have a significant or far-reaching impact
102. pral English	adj.	of or connected with actual use or real situation rather than with theory and ideas
103. he is obsed with the fear	v.	to fill the mind of someone continually so that one can't think of anything else
104. excite the nens	n.	a cell that is specialized to carry information within the brain and between the brain and other parts of the body
105. ener shortage	n.	a person whose job is designing, building, or maintaining something such as machines, structures, or software
106. bld to the beauties	adj.	unable to see; unable or unwilling to perceive or understand the true nature of something
107. supter performance	n.	a computer with a high level of computing power and speed, typically used for scientific or engineering computations that require immense amounts of data processing

ANSWERS: 97. domesticate, 98. constantly, 99. bloated, 100. bunch, 101. drastic, 102. practical, 103. obsess, 104. neuron, 105. engineer, 106. blind, 107. supercomputer

- adj. having an abnormally swollen or enlarged appearance, often due to an accumulation of fluid or excessive consumption of food or drink
- a former British gold coin worth 21 shillings or a unit of currency used in some West African countries; (Guinea) a republic in western Africa on the Atlantic

ANSWERS: 108. intake, 109. breakdown, 110. engine, 111. modern, 112. agriculture, 113. implication, 114. brainstorming, 115. giant, 116. bloated, 117. guinea

116. bl d budget

117. gu\_\_\_a coins

118. rele love	v.	to revive or renew something that was previously lost or forgotten, often a relationship or feeling
119. sce pile	n.	a mass of small, loose fragments of rock that may have accumulated at the base of a cliff or mountain slope, often forming a talus or scree slope
120. dige the clutch	ν.	to withdraw or separate oneself from a situation or relationship
121. ecy class	n.	the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
122. reduce my cae intake	n.	unit of heat defined as the quantity of heat required to raise the temperature of 1 gram of water by 1 degree Celsius at atmospheric pressure, used by nutritionists to measure how much energy food will produce
123. fruit smie	n.	a thick, blended beverage made from fruits, vegetables, and often other ingredients such as yogurt, milk, or protein powder; a person, typically a man, who is suave, charming, and polished
124. elfy the audience	v.	to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

ANSWERS: 118. rekindle, 119. scree, 120. disengage, 121. economy, 122. calorie, 123. smoothie, 124. electrify

- 125. cou\_\_\_\_ng about risk management
- 126. gi\_t trees
- 127. a ti\_\_t game
- 128. a cold cl\_\_\_\_e
- 129. em\_\_\_\_ss my project
- 130. a sonic b\_m
- 131. adv\_\_\_\_nt of knowledge
- 132. a ma\_c spell
- 133. m d volcano
- 134. the seed of a pe t
- 135. the runner's p e

- n. the process of providing guidance and support to someone, often in a therapeutic or professional context, to help them overcome personal or emotional difficulties and improve their mental health and well-being
- adj. enormous; much bigger or more important than similar items usually are
- adj. fixed, fastened, or kept together firmly or closely
- n. the weather in a particular location averaged over some long period
- v. to cause someone to feel awkward, worried, or ashamed
- a sudden increase in economic activity, or a sudden happening that brings good fortune; a deep, loud, and prolonged sound
- *n.* the development, improvement, or progress of something
- beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
- n. a soft, wet, sticky earth or clay
- a type of legume that grows underground and is widely cultivated and consumed as a food source
- n. the speed at which someone or something moves, or the rate at which something happens or changes

ANSWERS: 125. counseling, 126. giant, 127. tight, 128. climate, 129. embarrass, 130. boom, 131. advancement, 132. magic, 133. mud, 134. peanut, 135. pace

the king of the gods in ancient Greek 136. Z s statue n. mythology, who was the god of the sky and thunder, and was the most powerful of the Olympian gods, who resided on Mount Olympus 137. de\_\_\_\_y the ecosystem to ruin or damage severely or ν. completely; to eradicate or eliminate completely to deal with a situation, problem, or 138. ha\_\_\_ed the incident strong emotion 139. tra\_\_\_\_ion speed the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television 140. p\_\_k at others' misfortune a quick or furtive look; (verb) to take a quick and secret look at something 141. us\_\_\_s information adj. not serving any useful purpose; having no practical result 142. the imp\_\_\_\_on in a crime something that is inferred or indirectly n. stated; the act or fact of being involved in something 143. pr im law to announce or state something publicly and forcefully to cause to be perplexed or confused; 144. the riddle st ped everybody (noun) the base part of a tree that remains standing after the tree has been felled 145. pr\_\_\_\_im victory to announce or state something publicly and forcefully

ANSWERS: 136. Zeus, 137. destroy, 138. handle, 139. transmission, 140. peek, 141. useless, 142. implication, 143. proclaim, 144. stump, 145. proclaim

an abnormality that is not typical or 146. a rock fr k n. expected 147. the most am\_\_\_g feeling adj. extremely surprising, especially in a way that you like or admire 148. fill the fr\_\_\_e a piece of electrical equipment in which n. food can be stored at low temperatures so that it stays fresh 149. bl\_\_d milk and cream to mix or combine two or more ν. substances 150. co or office a person trained to give advice and help people deal with personal or emotional problems a sloping surface connecting two levels 151. an exit r\_\_p n. or inclines, typically used for the movement of people, vehicles, or goods to spend something, especially fuel, 152. co\_\_\_\_e a large of alcohol ν. energy, or time, in a large amount to rapidly ascend to a very high level; 153. sk et the cost ν. increase rapidly; a natural desire or craving for food or 154. loss of ap te n. drink; a strong desire or liking for something a mass of small, loose fragments of 155. gravelly sc e n. rock that may have accumulated at the base of a cliff or mountain slope, often forming a talus or scree slope 156. di\_\_\_e battleships for a battle to put things or people in a particular ν. manner or position; to incline someone towards a specific activity or mood;

ANSWERS: 146. freak, 147. amazing, 148. fridge, 149. blend, 150. counselor, 151. ramp, 152. consume, 153. skyrocket, 154. appetite, 155. scree, 156. dispose

throw or cast away

adj. awaiting a decision or resolution; yet to 157. patent pe g be resolved the organ inside the head that is 158. permanent br n damage responsible for one's movement, thought, memory, and feeling the fact or state of knowing something 159. raise public aw ss n. exists and is important to seek the affection or favor of 160. w o consumers ν. someone; to court or pursue someone romantically or with flattery adj. unlikely to be favorable; unpleasantly 161. bl\_k future cold and damp; offering little or no hope 162. ov\_\_\_\_ad the circulatory system to put too much a load in or on ν. something 163. a g\_\_d design a pattern of regularly spaced horizontal n. and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region a sequence of images, sounds, or clips 164. photographic mo e n. that are combined to convey a particular message or emotion 165. in\_\_\_\_te relationship adj. having a very close friendship, personal a formal meeting or series of meetings 166. the morning se\_\_\_\_n n. for the execution of a particular group's functions; a period spent doing a particular activity 167. a mail se r a computer program or a device from n. which other computers get information; a person who serves food in a restaurant

ANSWERS: 157. pending, 158. brain, 159. awareness, 160. woo, 161. bleak, 162. overload, 163. grid, 164. montage, 165. intimate, 166. session, 167. server

168. sn thread out of cotton	ν.	to cause something to rotate rapidly; to cause someone to feel dizzy or disoriented
169. admissions coor	n.	a person trained to give advice and help people deal with personal or emotional problems
170. an inle asset	adj.	impossible or nearly impossible to see
171. w_o voters with promises	<i>v</i> .	to seek the affection or favor of someone; to court or pursue someone romantically or with flattery
172. pet butter	n.	a type of legume that grows underground and is widely cultivated and consumed as a food source
173. inle stars	adj.	impossible or nearly impossible to see
174. breugh in the negotiations	n.	a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem
175. hate to exercise	v.	to accustom or become accustomed to a particular situation, habit, or behavior through repeated exposure or experience; to make something a habit or regular practice
176. power subon	n.	a facility where high-voltage electric power is transformed to a lower voltage, allowing the energy to be distributed through power lines to homes and businesses
177. software lie	n.	an official permission or authorization to do, use, or own something; a legal document that grants the holder the right to perform certain activities, such as driving a car, practicing a profession, or using a particular product or service
ANSWERS: 168. spin, 169. counselor, 170 invisible, 174. breakthrough, 175. habituate		•

ANSWERS: 178. illustrate, 179. straight, 180. electrify, 181. fridge, 182. complexity, 183. session, 184. server, 185. essentially, 186. distance

ANSWERS: 187. useless, 188. desert, 189. spin, 190. breath, 191. digital, 192. pending, 193. accommodate, 194. industrial, 195. creative, 196. license

or using a particular product or service

197. wiII blades	n.	a machine that uses wind power to generate mechanical energy or electricity
198. will energy	n.	a machine that uses wind power to generate mechanical energy or electricity
199. disct the water supply	ν.	to unfasten or disjoin something, especially to break the connection between a supply of gas, water, or electricity and a piece of equipment
200. coe change	n.	a set of clothes worn by an actor in a play or film or by a person representing a particular character or occupation
201. increase slly	adv.	in a small degree or extent; a little
202. the defon of a word	n.	a concise explanation of the meaning of a word, phrase, or symbol
203. dige socially	<i>v</i> .	to withdraw or separate oneself from a situation or relationship
204. teccal policy	adj.	based on scientific and industrial progress
205. simmering fle	n.	a bright, visible light and heat source caused by combustion; a strong, intense feeling typically associated with passion, aggression, or anger
206. cp a meet with a knife	v.	to cut something into pieces with a sharp tool, such as a knife

ANSWERS: 197. windmill, 198. windmill, 199. disconnect, 200. costume, 201. slightly, 202. definition, 203. disengage, 204. technological, 205. flame, 206. chop, 207. geopolitical

adj. of or relating to political activity or

of countries, as influenced by the

relations between countries and groups

physical features of a country or area

207. the geo\_\_\_\_cal situations

- 208. a dy\_\_\_c market
- 209. gr\_t a new license
- 210. g\_l nail polish

- 211. media ou\_\_\_t
- 212. a dry ba y
- 213. re x at home
- 214. am\_\_\_g advances
- 215. guarantee re\_\_\_\_le delivery
- 216. oasis in the de t
- 217. my in\_\_\_\_te affairs

- adj. having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)
- v. to agree to give or allow somebody
- n. a semi-solid substance, often transparent or translucent, that is used in various products from personal care to food to medicine, and which typically consists of a gelling agent that thickens the liquid
- n. a means of release or expression, often for emotions or energy; a place of business that sells goods directly to customers; a device or opening through which something can flow out
- a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
- v. to become or cause someone to become less active or tense and calmer
- adj. extremely surprising, especially in a way that you like or admire
- adj. worthy of being relied on; trustworthy
- arid land with little or no vegetation often covered with sand or rocks
- adj. having a very close friendship, personal

ANSWERS: 208. dynamic, 209. grant, 210. gel, 211. outlet, 212. battery, 213. relax, 214. amazing, 215. reliable, 216. desert, 217. intimate

Vocab-Builder Ref from "Jordan Wirfs-Brock: The four things	you nee	ed to know about the energy you use   TED Talk" (149 words)
218. regularly cot with a doctor	ν.	to seek or get advice or information from a person, book, or other source having special knowledge on a particular subject
219. braing session	n.	a group activity or business method in which a group of people meet and think about something at the same time to solve a problem or to create good ideas
220. main cx	n.	the most important or fundamental part of a matter or situation; the key point or central issue
221. moe sequence	n.	a sequence of images, sounds, or clips that are combined to convey a particular message or emotion
222. we are stped with the problem	ν.	to cause to be perplexed or confused; (noun) the base part of a tree that remains standing after the tree has been felled
223. apte suppression	n.	a natural desire or craving for food or drink; a strong desire or liking for something
224. chn reaction	n.	a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
225. a cl-fired ship	n.	a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat
226. emss political enemy	v.	to cause someone to feel awkward,

ANSWERS: 218. consult, 219. brainstorming, 220. crux, 221. montage, 222. stump, 223. appetite, 224. chain, 225. coal, 226. embarrass

ANSWERS: 227. breakthrough, 228. journalist, 229. estrangement, 230. involve, 231. grant, 232. dynamic, 233. practical, 234. ordeal, 235. flame

a bright, visible light and heat source

intense feeling typically associated with

caused by combustion; a strong,

passion, aggression, or anger

235. fl e of passion

- 236. a steam en\_\_\_e
- 237. ut\_\_\_\_y costs
- 238. sup\_\_\_\_ter technology
- 239. ov\_\_\_ad a muscle
- 240. social di ce
- 241. r\_\_l down his cheeks
- 242. ex e the crowd
- 243. g\_e steadily at his face
- 244. distribution sub on

- n. a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
- n. the state or quality of being useful or convenient; the service, such as electric power or water or transportation, provided by a public
- a computer with a high level of computing power and speed, typically used for scientific or engineering computations that require immense amounts of data processing
- v. to put too much a load in or on something
- n. the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance
- v. to move in a particular direction by turning over and over or from side to side
- v. to make someone feel suddenly enthusiastic or eager
- to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else
- a facility where high-voltage electric power is transformed to a lower voltage, allowing the energy to be distributed through power lines to homes and businesses

ANSWERS: 236. engine, 237. utility, 238. supercomputer, 239. overload, 240. distance, 241. roll, 242. excite, 243. gaze, 244. substation

245. bachelor's dee	n.	a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
246. cp wood	<i>v</i> .	to cut something into pieces with a sharp tool, such as a knife
247. esed relationship	adj.	separated or alienated from someone or something that was once familiar or close; emotionally detached or distant due to a breakdown in a relationship or connection
248. nuclear phs	n.	the science of matter and energy and their interactions
249. reduce geocal risk	adj.	of or relating to political activity or relations between countries and groups of countries, as influenced by the physical features of a country or area
250. bt diameter	n.	a metal bar that slides across to lock a door or window closed; a discharge of lightning accompanied by thunder; (verb) to move or jump suddenly
251. dis options	ν.	to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
252. comte his anxieties to the psychiatrist	<i>v</i> .	to share or exchange information with others by speaking, writing, moving your body, or using other signals
253. nd neck	n.	a person who is very interested in and knowledgeable about a particular subject such as computers, mathematics, chess, etc.

ANSWERS: 245. degree, 246. chop, 247. estranged, 248. physics, 249. geopolitical, 250. bolt, 251. discuss, 252. communicate, 253. nerd

254. exe rebellion	<i>v</i> .	to make someone feel suddenly enthusiastic or eager
255. teccal advancement	adj.	based on scientific and industrial progress
256. an out for water	n.	a means of release or expression, often for emotions or energy; a place of business that sells goods directly to customers; a device or opening through which something can flow out
257. rer an assessment	<i>v</i> .	to bring someone or something into a particular state; to provide something such as service, help, etc.
258. comion of structure	n.	something that makes a situation or condition that is complex or confused
259. nur fusion	adj.	of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy
260. b_m in sales	n.	a sudden increase in economic activity, or a sudden happening that brings good fortune; a deep, loud, and prolonged sound
261. an insant mistake	adj.	of little importance, influence, or power
262. disct a plug	<i>v</i> .	to unfasten or disjoin something, especially to break the connection between a supply of gas, water, or electricity and a piece of equipment
263. network sep	n.	the arrangement or organization of something, often with a specific purpose or intention; a scheme or plan that is intended to deceive or trick someone

ANSWERS: 254. excite, 255. technological, 256. outlet, 257. render, 258. complication, 259. nuclear, 260. boom, 261. insignificant, 262. disconnect, 263. setup

provide food, power, or company 265. an eco\_\_\_\_al meal adj. providing a satisfactory return on the money, time, or effort; not using more money, fuel, etc. than necessary 266. sl ly alkaline soils adv. in a small degree or extent; a little 267. po\_\_\_\_y alleviation the condition of being extremely poor 268. the c x of the argument the most important or fundamental part n. of a matter or situation; the key point or central issue a flash, or several flashes, of light that 269. streaks of li ng accompanies an electric discharge in the atmosphere, or something resembling such a flash a large, organized military unit 270. infantry ba\_\_\_\_on composed of several companies, typically commanded by a lieutenant colonel or a major to ruin or damage severely or 271. de yed evidence ν. completely; to eradicate or eliminate completely 272. basic br\_\_n function the organ inside the head that is n. responsible for one's movement, thought, memory, and feeling 273. the cycle of po y the condition of being extremely poor n. 274. lead-free ga ne a volatile flammable liquid obtained n. from petroleum, used mainly as a fuel in

ANSWERS: 264. domesticate, 265. economical, 266. slightly, 267. poverty, 268. crux, 269. lightning, 270. battalion, 271. destroy, 272. brain, 273. poverty, 274. gasoline

car engines, etc.

to try to deal with a complex problem or 275. ta e the issue ν. situation 276. ha\_\_\_e a precious object to deal with a situation, problem, or strong emotion the air that is taken into and expelled 277. hold your br h n. from your lungs; the process of taking into and expelling air from your lungs 278. de\_\_\_e centigrade a unit of measurement for angles, n. temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment 279. equ\_\_\_\_nt in meaning having the same value, quality, n. meaning, purpose, etc. the creation of a new device or process 280. cutting-edge inn\_\_\_\_on n. resulting from study and experimentation 281. an in e pipe the act or process of taking food, air, n. etc., into your body through the mouth; the amount of food, air, or another substance that you take into your body 282. bi e on social media a period of excessive or uncontrolled n. consumption, often of food or alcohol; a spree or bout of reckless behavior or indulgence 283. effects of cl\_\_\_e change the weather in a particular location n. averaged over some long period 284. the tra\_\_\_\_ion gears of a car the act or process of sending something n. from one person or place to another; the process of broadcasting over the airwaves, as in radio or television

ANSWERS: 275. tackle, 276. handle, 277. breath, 278. degree, 279. equivalent, 280. innovation, 281. intake, 282. binge, 283. climate, 284. transmission

285. soal expectations
286. inpt a call
287. common inon
288. a civil ener
289. rer the contract void
290. infrared goes
291. ge absently out a window
292. a buh of trees
293. make drc revision
294. cod and control

adj. relating to society or social relationships

- v. to say or do something that causes someone to stop in their speech or action
- the creation of a new device or process resulting from study and experimentation; the act of inventing
- a person whose job is designing,
   building, or maintaining something such
   as machines, structures, or software
- v. to bring someone or something into a particular state; to provide something such as service, help, etc.
- v. to look at someone or something with amazement; to look stupidly; (noun, plural) tight-fitting spectacles that are worn to prevent particulates, water, or chemicals from striking the eyes
- v. to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else
- a grouping of several similar things
   which are growing or fastened together
- adj. radical and extreme; likely to have a significant or far-reaching impact
- n. authority, control, or mastery over something, often referring to military or leadership contexts; a directive, order, or instruction; expertise or confidence in a specific area; (verb) to give an authoritative order or instruction, or to be in charge or control of something

ANSWERS: 285. societal, 286. interrupt, 287. invention, 288. engineer, 289. render, 290. goggle, 291. gaze, 292. bunch, 293. drastic, 294. command

295. a conly varying mind	adv. all the time
296. dised lifestyle	adj. dispersed or scattered in different directions; wasted or squandered on excessive or extravagant pleasures such as drinking, partying, or gambling characterized by a lack of focus or discipline
297. a sle of the company's revenue	<ul> <li>a flat, often thin, piece of bread, meat, cheese, etc., that has been cut from a larger piece; a wound made by cutting</li> </ul>
298. accte a person with money	v. to provide someone with a place to live or to be stored in; to make fit for or to change to suit a new purpose

ANSWERS: 295. constantly, 296. dissipated, 297. slice, 298. accommodate

## **Session 3: Fill in the Blanks**

1. He was exhausted and into bed as soon as he got home.
v. to move in a particular direction by turning over and over or from side to side
<ul> <li>2 pattern roads often appear in urban areas.</li> <li>n. a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region</li> </ul>
3. The accident caused the car to flip over and land on its roof.
n. an abnormality that is not typical or expected
4. The global community is undergoing changes at present.  adj. radical and extreme; likely to have a significant or far-reaching impact
5. The pressure to conform is strong in this community.
adj. relating to society or social relationships
<ul> <li>6. Always a lawyer before launching a business.</li> <li>v. to seek or get advice or information from a person, book, or other source having special knowledge on a particular subject</li> </ul>
7. Her sleep was by recurring pain.
$\nu$ . to say or do something that causes someone to stop in their speech or action
8 is the foundation of our economy.
n. the practice or science of cultivating the land or raising stock
<ol> <li>The marathon runner covered a long in a short amount of time.</li> <li>the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance</li> </ol>

ANSWERS: 1. rolled, 2. Grid, 3. freak, 4. drastic, 5. societal, 6. consult, 7. interrupted, 8. Agriculture, 9. distance

50. The for the conference was impressive and professional.
n. the arrangement or organization of something, often with a specific purpose or intention; a scheme or plan that is intended to deceive or trick someone
51. The phenomenon is at optical wavelengths.
adj. impossible or nearly impossible to see
52. Many studies have investigated the relationship between and academic achievement.
n. the condition of being extremely poor
53. The on my bike broke, leaving me stranded.
<ul> <li>a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle</li> </ul>
54. The car accident was a traumatic for everyone involved.
<ul> <li>a painful, difficult, or dangerous experience or trial; a severe test of endurance or patience</li> </ul>
55. Trains are inexpensive, and ideal for long-distance travel.
adj. worthy of being relied on; trustworthy
56. His swear words cast a on the party.
n. a feeling of coldness that makes one shiver; (verb) to make cool or cooler
57. One bad apple spoils the whole
n. a grouping of several similar things which are growing or fastened together
58. The temple of at Olympia was one of the Seven Wonders of the Ancient World.
n. the king of the gods in ancient Greek mythology, who was the god of the sky and thunder, and was the most powerful of the Olympian gods, who resided on Mount Olympus
ANSWERS: 50. setup, 51. invisible, 52. poverty, 53. chain, 54. ordeal, 55. reliable, 56 chill, 57. bunch, 58. Zeus

147.	She blended strawberries, yogurt, and ice to make a delicious for breakfast.
n.	a thick, blended beverage made from fruits, vegetables, and often other ingredients such as yogurt, milk, or protein powder; a person, typically a man, who is suave, charming, and polished
148.	Foreign TV crews and can go as they please in various locations during the Olympics.
n.	a person who collects and writes news stories or articles for newspapers, magazines, radio, television, or other online media
149.	He was, by nature, a cyber
n.	a person who is very interested in and knowledgeable about a particular subject such as computers, mathematics, chess, etc.

ANSWERS: 147. smoothie, 148. journalists, 149. nerd