Englist.me

Vocabulary Builder Reference from...

Alex Gendler: Blood, concrete, and dynamite:

Building the Hoover Dam | TED Talk

https://www.ted.com/talks/alex_gendler_blood_concr

ete_and_dynamite_building_the_hoover_dam



All Words

IMPORTANT

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Session 1: Word List

canyon

 a large deep valley with very steep sides of rock and usually formed by a river

synonym: gorge, valley, ravine

(1) twisty canyon road, (2) canyon of skyscrapers

The Grand Canyon has an awe-inspiring sight.

repel

v. to force an attack or attacker to withdraw or retreat

synonym: turn away, fight off, force back

(1) repel bandits, (2) repel bad luck

This material can **repel** moisture swiftly.

cliff

 a steep rock face, especially one at the edge of the sea or a river

synonym: crag, escarpment, precipice

(1) a bold cliff, (2) cliff diving

He stood at the edge of the cliff and looked out to sea.

suddenly

adv. quickly and unexpectedly

synonym: abruptly, unexpectedly, unawares

(1) suddenly attacked by an enemy, (2) die suddenly

Who answers **suddenly** knows little.

stumble

- v. to miss a step and fall or nearly fall; to walk unsteadily synonym: bumble, struggle, misstep
- (1) **stumble** financially, (2) **stumble** through life She **stumbled** over the tree root.

rim

n. the edge of something in the shape of a more or less circular object

synonym: boundary, lip, edge

(1) **rim** of the ear, (2) crater **rim**

The water level was even with the basin's **rim**.

plummet

v. to fall or drop suddenly and steeply; to decline rapidly or sharply

synonym: drop, plunge, fall

(1) **plummeting** sales, (2) **plummet** against other major currencies

The stock prices have **plummeted** in the last hour, causing concern for investors.

grab

 to take hold of something or someone suddenly with a hand, especially in a violent way

synonym: clutch, snatch, grasp

(1) **grab** an audience, (2) **grab** an opportunity

Shall we **grab** a bite to eat?

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 shortage

The **engineer** will repair my telephone tomorrow morning.

savior

 a person who rescues a people from harm or danger; (in Christianity) Jesus Christ who is a teacher and prophet born in Bethlehem and active in Nazareth

synonym: hero, rescuer, redeemer

(1) political **savior**, (2) pray to the **savior**

The guru of that religion thought of himself as a **savior**.

construct

v. to build or create something; to assemble or combine different parts to form something whole

synonym: build, assemble, create

(1) construct a 3D image, (2) construct a dam

He **constructs** hypotheses that no mathematician has ever imagined before.

dam

 a wall constructed over a river to block the flow of water, mainly used to generate energy

synonym: barricade, barrier, embankment

(1) dam-building program, (2) dam collapsing

The break in the **dam** threatened the valley.

statistics

- the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
- (1) statistics for cancer, (2) official statistics

The **statistics** demonstrate that poverty and unemployment are genuine problems.

expand

v. to increase or to make something greater in size, number, or importance

synonym: extend, grow, boost

(1) **expand** a lineup, (2) **expand** agricultural output They hope to **expand** their business worldwide.

arid

adj. lacking in moisture or rainfall; dry and barren; lacking in interest, life, or vitality

synonym: dry, parched, barren

(1) arid terrain, (2) semi- arid zone

The desert is known for its arid climate and lack of rainfall.

reliable

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

(1) reliable access, (2) guarantee reliable delivery

Trains are **reliable**, inexpensive, and ideal for long-distance travel.

divert

v. to change the course or direction of something, often away from a specific path or target; to entertain or amuse someone, often to distract them from a problem or concern; to appropriate something for a different purpose

synonym: distract, redirect, sidetrack

(1) divert attention, (2) divert an assault

Due to the road construction, we had to **divert** our course to get to the restaurant.

erratic

 adj. characterized by lack of consistency, regularity, or predictable behavior; unpredictable or inconsistent in movement, behavior, or quality

synonym: unpredictable, irregular, unstable

(1) **erratic** behavior, (2) **erratic** movements

The stock market has been behaving in an **erratic** manner, making it difficult for investors to predict future trends.

frequent

adj. happening constantly

synonym: periodic, recurring, routine

(1) **frequent** absence, (2) **frequent** use His heartaches are less **frequent** now.

flood

a large amount of water flowing beyond its normal limits;
 an overwhelming number or amount

synonym: deluge, downpour, overflow

(1) flood advisory, (2) a flood of questions

These heavy rains caused flash floods on several islands.

unreliable

adj. not able to be trusted or depended onsynonym: inconsistent, erratic, undependable

(1) prove **unreliable**, (2) **unreliable** source of information By incorrect assumption, statistics can be notoriously **unreliable**.

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.

industrious

adj. hardworking, diligent, and persistent in effort synonym: diligent, hardworking, assiduous

(1) **industrious** worker, (2) **industrious** student He was known to be very **industrious** and would often work late into the night.

continually

adv. in a way that happens without interruption or repeatedly *synonym*: repeatedly, frequently, constantly

(1) **continually** access information, (2) **continually** changing world

Her tongue runs on continually.

bureau

 an office or agency that specializes in a particular type of work, often related to collecting or compiling data or information

synonym: agency, department, office

(1) bureau of statistics, (2) travel bureauI went to the bureau of motor vehicles to renew my driver's license.

reclamation

n. the process of restoring or reclaiming something, particularly land or resources that have been damaged or depleted; the act of obtaining or recovering something that was lost or taken away

synonym: recovery, reutilization, restoration

(1) **reclamation** district, (2) coastal **reclamation**The **reclamation** of the wetlands allowed for the restoration of the natural ecosystem.

decide

v. to make up someone's mind about something; to come to a conclusion or judgment after considering options

synonym: choose, determine, settle

(1) **decide** a question, (2) **decide** on a course of action She couldn't **decide** whether to order the pizza or the pasta for dinner.

swoop

 to rapidly or forcefully descend upon something or someone from a great height or distance; to rush or pounce upon

synonym: dart, pounce

(1) **swoop** down the water slide, (2) **swoop** up the escalator The eagle **swooped** down from the sky to catch its prey.

massive

adj. enormous amount; very heavy and solid synonym: enormous, giant, immense

(1) **massive** amounts, (2) **massive** stars

The recent economic downturn has resulted in **massive** layoffs.

hydroelectric

adj. relating to the generation of electricity from water power, usually by using turbines or generators powered by falling or flowing water; utilizing the energy of water to generate electricity

synonym: water-powered, turbine, dam-generated

hydroelectric stations, (2) hydroelectric dam
 The town decided to convert its power source to hydroelectric energy.

unprecedented

adj. never having been seen, done, or known before synonym: novel, outstanding, unparalleled

(1) **unprecedented** boom, (2) **unprecedented** business opportunity

Unprecedented amounts of heckling and slogan-shouting took place throughout the event.

cooperation

n. the act or situation of working together with someone towards a shared purpose, benefit, etc.

synonym: collaboration, affiliation, alliance

(1) **cooperation** with strategic partners, (2) thoroughgoing **cooperation**

The **cooperation** between businesses and universities created this groundbreaking product.

government

 the group of people with authority to control a country or state

synonym: administration, regime, state

(1) **government** bureaucracy, (2) **government** funding The federal **government** is planning to increase taxes for the next fiscal year.

determinant

 a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

synonym: cause, factor, element

(1) environmental **determinant**, (2) a **determinant** of crop yields

One **determinant** of success is having a positive attitude and a strong work ethic.

gorge

 a deep narrow valley between hills or mountains, usually with steep sides and a river running through it

synonym: canyon, gully, ravine

(1) cast the **gorge**, (2) the **gorges** of the Yangtse River We must pass through the narrow **gorge** with a stream running through it.

suited

 adj. appropriate, fitting, or acceptable for a particular purpose or occasion; matched or corresponding to a specific person, dress, or circumstances

synonym: appropriate, fitting, suitable

(1) **suited** for the job, (2) well- **suited** personality The job offer was perfectly **suited** to her skills and experience.

arch

 a curved structure with two supports that holds the weight of something above it, such as a bridge or the upper part of a building

synonym: turn, bow, arc

(1) the **arch** of a person's foot, (2) an **arch-shaped** stone structure

The **arch** bears the weight of the overhead bridge.

gravity

n. the force that attracts a body towards the center of the earth or towards any other physical body having mass; a manner that is solemn

synonym: heaviness, attraction, weight

(1) the attraction of **gravity**, (2) preserve my **gravity**The astronaut felt weightless in space due to the absence of **gravity**.

curve

 a bend or angle in a line or surface that deviates from a straight or flat path; a gradual or smooth change in direction or shape

synonym: bend, arc, turn

(1) learning curve, (2) yield curve

The **curve** in the road was so sharp that I had to slow down to navigate it safely.

upstream

 adj. in the direction against a stream's current; (adverb) toward the source or beginning of a stream, river, or process

synonym: upriver, up-current

(1) swim **upstream**, (2) **upstream** direction

The company is investing heavily in **upstream** research and development.

oncoming

adj. approaching or moving toward a particular person or place; relating to something that is coming toward the observer

synonym: approaching, incoming, imminent

(1) oncoming traffic, (2) oncoming disaster

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The driver had to swerve to avoid an **oncoming** car that veered into his lane.

structure

 the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

synonym: construction, architecture, establishment

(1) the **structure** of a machine, (2) **structure** and function of the brain

The organizational **structure** of start-ups is often flat and straightforward.

ancient

adj. relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old

synonym: archaic, age-old, obsolete

(1) pre-Christian ancient, (2) ancient stories

They have been living near water since **ancient** times.

enormous

adj. extremely large or great

synonym: huge, giant, gigantic

(1) **enormous** amount, (2) **enormous** potential Shakespeare's output of poetry was **enormous**.

labor

n. productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal

synonym: toil, moil, donkeywork

(1) seasonal labor, (2) manual labor

In several countries, child labor is a serious social problem.

depression

 a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market

synonym: recession, slump, despair

(1) the Great **Depression**, (2) the root problem of her

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depression

Depression symptoms might include a decrease in appetite and weight loss.

strike

- v. to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon synonym: hit, impact, influence
- strike up a conversation, (2) strike a blow
 we strike to achieve more wages and safer working conditions.

approval

the belief that someone or something is good or acceptable

synonym: acceptance, endorsement, permission

a written approval,
 express my approval
 roject took a lot of time to get the president's approval.

flock

- n. a gathering of sheep, goats, or birdssynonym: herd, crowd, assembly
- (1) **flock** of sheep, (2) **flock** of spectator When a **flock** of birds flies in, the hunt begins.

arrival

- n. the act or situation of coming or being brought to a place; accomplishment of an objectivesynonym: reaching, appearance, coming
- (1) **arrival** and departure gate, (2) **arrival** at a conclusion Weather forecasters are predicting the **arrival** of a heatwave.

makeshift

- *adj.* serving as a temporary substitute or solution; improvised *synonym*: improvised, temporary, ad-hoc
- (1) **makeshift** shelter, (2) a **makeshift** solution

 The team set up a **makeshift** tent for shelter during the storm.

encampment

n. a temporary or semi-permanent settlement, especially a group of tents or other shelters used for lodging or

military purposes

synonym: campsite, bivouac, settlement

(1) military **encampment**, (2) temporary **encampment**The **encampment** of soldiers in the field was a temporary arrangement.

infrastructure

 the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies

synonym: foundation, framework

(1) IT infrastructure, (2) infrastructure cost

Aging societies tend to require huge costs for **infrastructure** maintenance.

scarce

adj. not abundant or plentiful, and therefore not easy to find or obtain

synonym: rare, limited, sparse

(1) scarce resources, (2) capital- scarce country

Fresh water is becoming increasingly **scarce** in many parts of the world.

resident

 a person who lives in a particular place or has their home in a place

synonym: dweller, inhabitant, inhabitant

(1) a **resident** of the city, (2) **resident** tax

Visa renewal for **resident** foreigners in this country is once every five years.

heatstroke

 a serious and potentially life-threatening condition caused by prolonged exposure to high temperatures, which symptoms include high body temperature, rapid heartbeat, and confusion or loss of consciousness

synonym: heat exhaustion, hyperthermia, sunstroke

(1) heatstroke symptoms, (2) heatstroke prevention

The hiker experienced a severe **heatstroke** after hiking in the desert for several hours without enough water.

thrive

- v. to grow vigorously; to make steady progress
- synonym: bloom, flourish, prosper
- (1) **thrive** in a society, (2) **thrive** on pressure Without investment, a business cannot **thrive**.

boulder

 a large, smooth rock, typically one that has been worn away from a cliff or mountain by erosion

synonym: rock, stone, clump

(1) boulder field, (2) lava boulder

The hikers had to climb over a **boulder** that was blocking their path.

numerous

- adj. amounting to a large indefinite number synonym: many, considerable, countless
- (1) **numerous** countries, (2) as **numerous** as the sand These descriptions are based on a number of **numerous** assumptions.

state-of-the-art

- adj. characterized by the use of the latest and most advanced technology or methods; cutting-edgesynonym: advanced, cutting-edge, innovative
- (1) **state-of-the-art** technology, (2) **state-of-the-art** software

The hospital has **state-of-the-art** equipment and facilities to ensure the best healthcare for its patients.

reroute

v. to redirect or change the course or direction of something

synonym: redirect, divert, detour

(1) reroute traffic, (2) reroute path

Due to the traffic, the delivery truck had to **reroute** to avoid the congested roads.

diversion

 a change of direction or course; the act of redirecting attention or activity to a different topic or task; a form of entertainment or pastime that provides a temporary distraction or relief synonym: distraction, deviation, entertainment

(1) **diversion** of resources, (2) mental **diversion** The **diversion** of the river's path caused flooding downstream.

tunnel

 an underground or underwater passage, typically for trains or cars

synonym: passageway, underground passage

(1) **tunnel** construction work, (2) **tunnel** disease
The workers had to dig through solid rock to create the vehicular **tunnel** allowing the cars to pass through the mountain.

blast

explosion, or a strong current of air, usually caused by an explosion; a sudden, thunderous noise

synonym: blow, burst, explosion

(1) a **blast** of wind, (2) an icy **blast**

The **blast** shattered the laboratory equipment.

tube

 a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape

synonym: pipe, hose, duct

(1) a capillary tube, (2) a glass tube

The tube train was packed with commuters during rush hour.

combine

- v. to join or merge to form a single thing or group synonym: coalesce, cohere, blend
- (1) **combine** chemically with another substance,
- (2) **combine** augmented reality

Hydrogen and oxygen combine to form water.

roughly

adv. approximately but not precisely; with a violent mannersynonym: approximately, more or less, around

(1) **roughly** explain my idea, (2) **roughly** speaking Five miles is **roughly** similar to eight kilometers.

cubic

 adj. having the shape of a cube or being of three dimensions; measured in units that are the third power of a linear unit

synonym: three-dimensional, boxlike, cubical

(1) cubic meter, (2) cubic structure

The package was a **cubic** shape, which made it easier to stack on the shelf.

grueling

adj. extremely tiring or demanding great effort, especially with long duration or intensity

synonym: exhausting, draining, demanding

(1) **grueling** process, (2) a **grueling** campaign

The marathon was a **grueling** test of endurance.

succumb

 to fail to oppose something, such as desire, pressure, or some other opposing force; to die or suffer badly from the effect of a disease or injury

synonym: surrender, break down, die

(1) **succumb** to cancer, (2) **succumb** to old age

He finally **succumbed** to temptation.

scorch

v. to burn the surface of something, usually accidentally, with a hot iron or flame

synonym: char, burn, singe

(1) **scorch** your clothes, (2) careful not to **scorch**

The sun **scorched** the desert, making it uninhabitable.

redirect

v. to change the direction or course of something; to send in a different direction

synonym: turn, divert, steer

(1) redirect traffic, (2) redirect attention

The government decided to **redirect** funding towards education and healthcare.

loose

adj. not securely fixed or fastened in place or able to be detached or separated from something

synonym: relaxed, unconsolidated, open

(1) a loose tongue, (2) remove loose hairThe inspector discovered loose bolts under the fuel rods.

foreman

 a person in charge of a group of workers, typically in a factory, construction site, or other industrial settings; a juror who presides over jury deliberations and speaks for the group in court

synonym: supervisor, manager, overseer

(1) foreman position, (2) foreman duties

The **foreman** on the construction site is responsible for overseeing the workers and ensuring that the project is completed on time.

descend

rubble

v. to move downward and lower; to come from, or to be connected by a relationship of blood

synonym: dip, drop, come down

- (1) **descend** a steep hill, (2) **descend** by elevator She was **descended** from an old Italian noble family.
- n. fragments of rock, stone, or other materials that remain after a building or other structure has been destroyed or demolished; the remains of something that has been broken down or destroyed

synonym: debris, ruins, wreckage

(1) clear away **rubble**, (2) **rubble-strewn** road
After the earthquake, the city was left in a pile of **rubble**.

jackhammer

 a powerful mechanical tool used to break up pavement, concrete, or other hard materials, typically used in construction or demolition projects

synonym: pneumatic hammer, hammer drill

(1) handheld **jackhammer**, (2) loud **jackhammer** noise The operator of the **jackhammer** wears noise-canceling headphones to protect their ears.

dynamite

n. a powerful explosive made from nitroglycerin, typically used in construction and mining; something that causes

ayriaiiiite

strong, sudden reactions or changes synonym: explosives, blasting powder, TNT

(1) **dynamite-powered** engine, (2) **dynamite** fishing The sound of the **dynamite** explosion could be heard for miles.

circus

 a traveling show or entertainment that often features acrobats, clowns, animals, and other performers; a chaotic, confusing, or tumultuous situation or environment

synonym: fair, carnival, spectacle

(1) circus performer, (2) circus tent

The kids were excited to go to the **circus** and see the clowns and animals perform.

acrobatic

 adj. relating to or involving gymnastic or athletic feats performed with agility, balance, and coordination; agile, flexible, and graceful

synonym: nimble, agile, flexible

(1) acrobatic leaps, (2) acrobatic skills

The **acrobatic** performance was breathtaking and left the audience in awe.

defy

v. to challenge or dare someone to do something; to resist or disobey a rule, decision, etc.

synonym: challenge, resist, disobey

(1) **defy** gravity, (2) **defy** authority

She tried to **defy** her parents by moving to the city against their wishes.

individual

- n. a single person or thing, as distinct from a group synonym: person, being, self
- (1) a private **individual**, (2) **individual** freedom As an **individual**, he had the right to make his own decisions and live his life as he saw fit.

glamorous

adj. highly attractive and exciting, and different from ordinary things or people

synonym: alluring, bewitching, enchanting

(1) **glamorous** movie stars, (2) cast **glamorous** eyes The south coast is less **glamorous** yet has many clean and appealing hotels.

concrete

 adj. existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement

synonym: actual, factual, hardened

(1) a **concrete** noun, (2) **concrete** examples The president asked for a more **concrete** plan.

pave

v. to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use

synonym: surface, coat, cover

(1) **pave** a new path, (2) **pave** a smoother road They **paved** the courtyard with bricks, giving it a more polished appearance.

process

n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

synonym: procedure, method, system

(1) **process** improvement, (2) decision-making **process** The **process** for applying for a visa can be lengthy and complicated.

interlocking

adj. fitting or locking together in a way that makes a continuous and secure whole

synonym: connected, linked, joined

(1) interlocking braid, (2) interlocking mechanismThe interlocking puzzle pieces were difficult to separate.

vary

v. to become different in terms of size, shape, etc.

synonym: alter, contrast, differ

(1) **vary** according to the age, (2) **vary** directly with the price Maximum heart rates **vary** a lot for each individual.

steel

 a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure

synonym: iron

(1) magnetic **steel**, (2) **steel** beam

This bridge is the third largest **steel** bridge in the world.

schedule

 a list of planned activities, tasks, or things that must be completed showing when they are intended to happen or be done

synonym: agenda, program, itinerary

- (1) a heavy **schedule**, (2) arrange my **schedule**. So far, the meeting is going according to **schedule**.
- So far, the meeting is going according to **schedule**.

reservoir

- n. a natural or artificial lake used to store water for community use; a large or extra supply of something synonym: pool, supply, repertoire
- (1) a **reservoir** of facts, (2) water **reservoir**The machine pumps up crude oil from a deep underground **reservoir**.

completion

- n. the act or process of finishing something that you are doing or making; the state of being finishedsynonym: fruition, realization, accomplishment
- (1) a **completion** ceremony, (2) scheduled **completion** date

The mayor announced that the renovation of the city hall is now nearing **completion**.

human-made

adj. created or produced by humans; artificial synonym: artificial, unnatural, manufactured

(1) human-made climate change, (2) the worst

human-made disaster

The bridge is a **human-made** structure and was built to span the river.

employ

v. to give somebody a job and pay them for it; to make use of

synonym: hire, engage, use

(1) **employ** job seekers, (2) **employ** a new method When making arrests, police officers frequently **employ** excessive force.

economy

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

(1) **economy** of scale, (2) **economy** class

The **economy** of the country is struggling due to the recent political instability.

crisis

 a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken

synonym: concern, problem, emergency

(1) financial **crisis**, (2) **crisis** management

The Chinese word for **crisis** comprises two characters, one for danger and the other for opportunity.

destroy

 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.

communal

adj. belonging to or used by a group rather than individuals;for common use

synonym: collaborative, combined, collective

(1) **communal** swimming pool, (2) **communal** combination of funds

Communal elections were held in several European countries.

devastate

- v. to wreck a place or an area or cause significant damage synonym: demolish, destroy, crush
- (1) **devastate** an area, (2) **devastate** the economy Earthquakes can also trigger tsunamis, which **devastate** coastal areas.

ecosystem

- all the plants and living creatures in an area and the way they affect each other and the environment
- (1) marine **ecosystem**, (2) change the **ecosystem**Human conservation efforts often fail unexpectedly because they disturb the balance of the **ecosystem**.

generate

 to produce or create something; to make offspring by reproduction

synonym: create, yield, produce

(1) **generate** more electricity, (2) **generate** \$100 a month The economic stimulation program would **generate** a lot of new jobs.

watt

- n. a standard unit for measuring electrical power
- (1) 30- watt light bulb, (2) watt per square meter Several hectares of land are needed to generate more than 1-mega watt solar power.

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.

consequence

 the outcome of a particular action or event, especially relative to an individual

synonym: result, impact, outcome

(1) unintended **consequences**, (2) the **consequence** of an argument

These economic activities had disastrous environmental consequences.

cast

v. to cause light or shadow to appear on a surface; to assing or choose someone such as an actor or representative, especially by selection process

synonym: throw, project, select

(1) cast a ballot, (2) cast a charming eye

This accident **cast** a dark shadow over their lives.

shadow

n. a dark area or shape cast by an object blocking the passage of light; an area in darkness or shade; a reflected image or copy of something; a person, activity, or influence that follows or accompanies someone or something closely and persistently, often in a secretive or ominous manner

synonym: shade, silhouette, outline

(1) **shadow** cast, (2) **shadow** puppetry

The tree cast a **shadow** over the picnic area, providing relief from the sun.

monumental

adj. great in importance or influence, size, extent, or solidity; massive

synonym: massive, awesome, enormous

(1) monumental task, (2) monumental sculpture

Everyone, even non-scholars, knows Einstein's **monumental** contributions to physics.

Session 2: Spelling

1. th___e in a society

2. lava bo____r

3. a written ap___al

4. re nt tax

5. mon____al sculpture

6. careful not to sc h

7. loud jac____er noise

8. unp____ted business opportunity

9. c_t a ballot

10. as nu___us as the sand

v. to grow vigorously; to make steady progress

 a large, smooth rock, typically one that has been worn away from a cliff or mountain by erosion

n. the belief that someone or something is good or acceptable

n. a person who lives in a particular place or has their home in a place

adj. great in importance or influence, size, extent, or solidity; massive

v. to burn the surface of something, usually accidentally, with a hot iron or flame

 n. a powerful mechanical tool used to break up pavement, concrete, or other hard materials, typically used in construction or demolition projects

adj. never having been seen, done, or known before

v. to cause light or shadow to appear on a surface; to assing or choose someone such as an actor or representative, especially by selection process

adj. amounting to a large indefinite number

ANSWERS: 1. thrive, 2. boulder, 3. approval, 4. resident, 5. monumental, 6. scorch, 7. jackhammer, 8. unprecedented, 9. cast, 10. numerous

11.	preserve my gry	n.	the force that attracts a body towards the center of the earth or towards any other physical body having mass; a manner that is solemn
12.	dey the ecosystem	ν.	to ruin or damage severely or completely; to eradicate or eliminate completely
13.	enus amount	adj.	extremely large or great
14.	handheld jacer	n.	a powerful mechanical tool used to break up pavement, concrete, or other hard materials, typically used in construction or demolition projects
15.	monal task	adj.	great in importance or influence, size, extent, or solidity; massive
16.	roy explain my idea	adv.	approximately but not precisely; with a violent manner
17.	a civil ener	n.	a person whose job is designing, building, or maintaining something such as machines, structures, or software
18.	political sar	n.	a person who rescues a people from harm or danger; (in Christianity) Jesus Christ who is a teacher and prophet born in Bethlehem and active in Nazareth
19.	dee a question	<i>v</i> .	to make up someone's mind about something; to come to a conclusion or judgment after considering options
20.	unrle source of information	adj.	not able to be trusted or depended on

ANSWERS: 11. gravity, 12. destroy, 13. enormous, 14. jackhammer, 15. monumental, 16. roughly, 17. engineer, 18. savior, 19. decide, 20. unreliable

observer

to burn the surface of something, usually accidentally, with a hot iron or flame

ANSWERS: 21. destroy, 22. massive, 23. savior, 24. blast, 25. steel, 26. cast, 27. scarce, 28. continually, 29. oncoming, 30. scorch

30. sc__h your clothes

31.	cooon with strategic partners	n.	the act or situation of working together with someone towards a shared purpose, benefit, etc.
32.	change the ecem	n.	all the plants and living creatures in an area and the way they affect each other and the environment
33.	marine ecem	n.	all the plants and living creatures in an area and the way they affect each other and the environment
34.	frnt use	adj.	happening constantly
35.	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
36.	g_b an opportunity	<i>v</i> .	to take hold of something or someone suddenly with a hand, especially in a violent way
37.	erc behavior	adj.	characterized by lack of consistency, regularity, or predictable behavior; unpredictable or inconsistent in movement, behavior, or quality
38.	swim upam	adj.	in the direction against a stream's current; (adverb) toward the source or beginning of a stream, river, or process
39.	mae amounts	adj.	enormous amount; very heavy and solid
40.	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

ANSWERS: 31. cooperation, 32. ecosystem, 33. ecosystem, 34. frequent, 35.

lowest-priced, most basic option for

seating in commercial travel

Vocab-Builder Ref from "Alex Gendler: Blood, concrete, and dynamite: Building the Hoover Dam TED Talk" (107 words)		
accompany 26 grab 27 arratio 20 unatroom 20 magaine 40 accompany		
economy, 36. grab, 37. erratic, 38. upstream, 39. massive, 40. economy		

41.	a private indal	n.	a single person or thing, as distinct from a group
42.	prs improvement	n.	a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
43.	govnt bureaucracy	n.	the group of people with authority to control a country or state
44.	a capillary te	n.	a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
45.	crs management	n.	a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
46.	die suly	adv.	quickly and unexpectedly
47.	ste a blow	v.	to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon
48.	travel buu	n.	an office or agency that specializes in a particular type of work, often related to collecting or compiling data or information
49.	manual lar	n.	productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal

ANSWERS: 41. individual, 42. process, 43. government, 44. tube, 45. crisis, 46. suddenly, 47. strike, 48. bureau, 49. labor

ANSWERS: 50. grab, 51. communal, 52. gravity, 53. glamorous, 54. suited, 55. completion, 56. electrify, 57. flood, 58. continually, 59. approval

the belief that someone or something is

good or acceptable

59. express my ap___al

60. ac____ic skills adj. relating to or involving gymnastic or athletic feats performed with agility, balance, and coordination; agile. flexible, and graceful to rapidly or forcefully descend upon 61. sw p down the water slide ν. something or someone from a great height or distance; to rush or pounce upon 62. p_e a smoother road to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use to change the direction or course of 63. re___ct traffic something; to send in a different direction 64. intensive agr____re the practice or science of cultivating the n. land or raising stock 65. the go es of the Yangtse River a deep narrow valley between hills or n. mountains, usually with steep sides and a river running through it 66. ex d a lineup to increase or to make something greater in size, number, or importance 67. tu___I construction work an underground or underwater n. passage, typically for trains or cars 68. int_____ing mechanism adj. fitting or locking together in a way that makes a continuous and secure whole 69. v y directly with the price to become different in terms of size, shape, etc. 70. co____ct a 3D image to build or create something; to assemble or combine different parts to form something whole

ANSWERS: 60. acrobatic, 61. swoop, 62. pave, 63. redirect, 64. agriculture, 65. gorge, 66. expand, 67. tunnel, 68. interlocking, 69. vary, 70. construct

71.	a heavy scle	n.	a list of planned activities, tasks, or things that must be completed showing when they are intended to happen or be done
72.	coal swimming pool	adj.	belonging to or used by a group rather than individuals; for common use
73.	unpted boom	adj.	never having been seen, done, or known before
74.	environmental detnt	n.	a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
75.	a cote noun	adj.	existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement
76.	ad terrain	adj.	lacking in moisture or rainfall; dry and barren; lacking in interest, life, or vitality
77.	coe augmented reality	<i>v</i> .	to join or merge to form a single thing or group
78.	emy a new method	<i>v</i> .	to give somebody a job and pay them for it; to make use of
79.	water reir	n.	a natural or artificial lake used to store water for community use; a large or extra supply of something
80.	rue-strewn road	n.	fragments of rock, stone, or other materials that remain after a building or other structure has been destroyed or demolished; the remains of something that has been broken down or destroyed

ANSWERS: 71. schedule, 72. communal, 73. unprecedented, 74. determinant, 75. concrete, 76. arid, 77. combine, 78. employ, 79. reservoir, 80. rubble

81. guarantee re le delivery adj. worthy of being relied on; trustworthy 82. the a h of a person's foot a curved structure with two supports n. that holds the weight of something above it, such as a bridge or the upper part of a building 83. di___t an assault to change the course or direction of ν. something, often away from a specific path or target; to entertain or amuse someone, often to distract them from a problem or concern; to appropriate something for a different purpose to grow vigorously; to make steady 84. th e on pressure ν. progress 85. IT inf____ure the basic systems, services, or features n. that are necessary for an organization or country, such as transport and power supplies to change the direction or course of 86. re___ct attention ν. something; to send in a different direction 87. pl___ting sales to fall or drop suddenly and steeply; to decline rapidly or sharply 88. d m collapsing a wall constructed over a river to block n. the flow of water, mainly used to generate energy 89. the worst hum de disaster adj. created or produced by humans; artificial adj. having the shape of a cube or being of 90. cu__c structure three dimensions: measured in units that are the third power of a linear unit

ANSWERS: 81. reliable, 82. arch, 83. divert, 84. thrive, 85. infrastructure, 86. redirect, 87. plummet, 88. dam, 89. human-made, 90. cubic

ANSWERS: 91. watt, 92. consequence, 93. frequent, 94. structure, 95. suited, 96. construct, 97. foreman, 98. swoop, 99. concrete

made of or covered with cement

ANSWERS: 100. consequence, 101. resident, 102. depression, 103. generate, 104. diversion, 105. foreman, 106. reclamation, 107. curve

ANSWERS: 108. defy, 109. descend, 110. encampment, 111. steel, 112. circus, 113. plummet, 114. schedule, 115. hydroelectric

energy of water to generate electricity

ANSWERS: 116. watt, 117. grueling, 118. determinant, 119. bureau, 120. process, 121. reservoir, 122. circus, 123. reclamation

124. heake prevention	n.	a serious and potentially life-threatening condition caused by prolonged exposure to high temperatures, which symptoms include high body temperature, rapid heartbeat, and confusion or loss of consciousness
125. a bold clf	n.	a steep rock face, especially one at the edge of the sea or a river
126. dyte fishing	n.	a powerful explosive made from nitroglycerin, typically used in construction and mining; something that causes strong, sudden reactions or changes
127. a loe tongue	adj.	not securely fixed or fastened in place or able to be detached or separated from something
128. an icy blt	n.	explosion, or a strong current of air, usually caused by an explosion; a sudden, thunderous noise
129. clear away rue	n.	fragments of rock, stone, or other materials that remain after a building or other structure has been destroyed or demolished; the remains of something that has been broken down or destroyed
130. can of skyscrapers	n.	a large deep valley with very steep sides of rock and usually formed by a river
131. indus worker	adj.	hardworking, diligent, and persistent in effort

ANSWERS: 124. heatstroke, 125. cliff, 126. dynamite, 127. loose, 128. blast, 129. rubble, 130. canyon, 131. industrious

- 132. nu____us countries
 133. crater r_m
 134. ar____I and departure gate
 135. de_____te an area
 136. re__I bad luck
 137. a ma_____ft solution
 138. organic agr_____re
 139. re____le access
 140. er____c movements
- 141. el____fy a manufacturing process
- 142. sh___w puppetry

- adj. amounting to a large indefinite number
- n. the edge of something in the shape of a more or less circular object
- the act or situation of coming or being brought to a place; accomplishment of an objective
- v. to wreck a place or an area or cause significant damage
- v. to force an attack or attacker to withdraw or retreat
- adj. serving as a temporary substitute or solution; improvised
- *n.* the practice or science of cultivating the land or raising stock
- adj. worthy of being relied on; trustworthy
- adj. characterized by lack of consistency, regularity, or predictable behavior; unpredictable or inconsistent in movement, behavior, or quality
- v. to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
- n. a dark area or shape cast by an object blocking the passage of light; an area in darkness or shade; a reflected image or copy of something; a person, activity, or influence that follows or accompanies someone or something closely and persistently, often in a secretive or ominous manner

ANSWERS: 132. numerous, 133. rim, 134. arrival, 135. devastate, 136. repel, 137. makeshift, 138. agriculture, 139. reliable, 140. erratic, 141. electrify, 142. shadow

- 148. cl f diving
- 149. sh___w cast

150. cast the go e

- a steep rock face, especially one at the n. edge of the sea or a river
- a dark area or shape cast by an object n. blocking the passage of light; an area in darkness or shade; a reflected image or copy of something; a person, activity, or influence that follows or accompanies someone or something closely and persistently, often in a secretive or ominous manner
- a deep narrow valley between hills or n. mountains, usually with steep sides and a river running through it

ANSWERS: 143. arrival, 144. cooperation, 145. stumble, 146. engineer, 147. labor, 148. cliff, 149. shadow, 150. gorge

151. a glass te	n.	a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
152. the Great Depon	n.	a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market
153. d_m-building program	n.	a wall constructed over a river to block the flow of water, mainly used to generate energy
154. bor field	n.	a large, smooth rock, typically one that has been worn away from a cliff or mountain by erosion
155. ste up a conversation	<i>v</i> .	to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon
156. infure cost	n.	the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
157. roy speaking	adv.	approximately but not precisely; with a violent manner
158. sce resources	adj.	not abundant or plentiful, and therefore not easy to find or obtain
159. inting braid	adj.	fitting or locking together in a way that makes a continuous and secure whole
160. hydric dam	adj.	relating to the generation of electricity from water power, usually by using turbines or generators powered by falling or flowing water; utilizing the energy of water to generate electricity

ANSWERS: 151. tube, 152. depression, 153. dam, 154. boulder, 155. strike, 156. infrastructure, 157. roughly, 158. scarce, 159. interlocking, 160. hydroelectric

161. military encnt	n.	a temporary or semi-permanent settlement, especially a group of tents or other shelters used for lodging or military purposes
162. cuc meter	adj.	having the shape of a cube or being of three dimensions; measured in units that are the third power of a linear unit
163. fl_k of spectator	n.	a gathering of sheep, goats, or birds
164. dyte-powered engine	n.	a powerful explosive made from nitroglycerin, typically used in construction and mining; something that causes strong, sudden reactions or changes
165. r_m of the ear	n.	the edge of something in the shape of a more or less circular object
166. sub to old age	<i>v</i> .	to fail to oppose something, such as desire, pressure, or some other opposing force; to die or suffer badly from the effect of a disease or injury
167. pe a new path	v.	to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use
168. pre-Christian ant	adj.	relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
169. stre and function of the brain	n.	the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

ANSWERS: 161. encampment, 162. cubic, 163. flock, 164. dynamite, 165. rim, 166. succumb, 167. pave, 168. ancient, 169. structure

170. ge te \$100 a month to produce or create something; to ν. make offspring by reproduction 171. an a h-shaped stone structure a curved structure with two supports n. that holds the weight of something above it, such as a bridge or the upper part of a building 172. twisty ca___n road a large deep valley with very steep sides of rock and usually formed by a river 173. remove lo__e hair adj. not securely fixed or fastened in place or able to be detached or separated from something 174. fl k of sheep a gathering of sheep, goats, or birds n. to become different in terms of size, 175. v y according to the age ν. shape, etc. 176. a gr ng campaign adj. extremely tiring or demanding great effort, especially with long duration or intensity 177. sta_____art software adj. characterized by the use of the latest and most advanced technology or methods; cutting-edge 178. mental di____on a change of direction or course; the act of redirecting attention or activity to a different topic or task; a form of entertainment or pastime that provides a temporary distraction or relief 179. official sta____cs the discipline that concerns the n. collection, organization, analysis,

ANSWERS: 170. generate, 171. arch, 172. canyon, 173. loose, 174. flock, 175. vary, 176. grueling, 177. state-of-the-art, 178. diversion, 179. statistics

interpretation, and presentation of data

180. govnt funding	n.	the group of people with authority to control a country or state
181. stacs for cancer	n.	the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
182. reI bandits	<i>v</i> .	to force an attack or attacker to withdraw or retreat
183. prove unrle	adj.	not able to be trusted or depended on
184. onng disaster	adj.	approaching or moving toward a particular person or place; relating to something that is coming toward the observer
185. ree traffic	<i>v</i> .	to redirect or change the course or direction of something
186. tul disease	n.	an underground or underwater passage, typically for trains or cars
187. exd agricultural output	<i>v</i> .	to increase or to make something greater in size, number, or importance
188. staart technology	adj.	characterized by the use of the latest and most advanced technology or methods; cutting-edge
189. ded a steep hill	ν.	to move downward and lower; to come from, or to be connected by a relationship of blood
190. upam direction	adj.	in the direction against a stream's current; (adverb) toward the source or beginning of a stream, river, or process
191. scheduled comon date	n.	the act or process of finishing something that you are doing or

ANSWERS: 180. government, 181. statistics, 182. repel, 183. unreliable, 184. oncoming, 185. reroute, 186. tunnel, 187. expand, 188. state-of-the-art, 189. descend, 190. upstream, 191. completion

making; the state of being finished

192. heake symptoms	n.	a serious and potentially life-threatening condition caused by prolonged exposure to high temperatures, which symptoms include high body temperature, rapid heartbeat, and confusion or loss of consciousness
193. learning cue	n.	a bend or angle in a line or surface that deviates from a straight or flat path; a gradual or smooth change in direction or shape
194. ste through life	<i>v</i> .	to miss a step and fall or nearly fall; to walk unsteadily
195. acic leaps	adj.	relating to or involving gymnastic or athletic feats performed with agility, balance, and coordination; agile, flexible, and graceful
196. sub to cancer	<i>v</i> .	to fail to oppose something, such as desire, pressure, or some other opposing force; to die or suffer badly from the effect of a disease or injury
197. suly attacked by an enemy	adv.	quickly and unexpectedly
198. ant stories	adj.	relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
199. ree path	<i>v</i> .	to redirect or change the course or direction of something
200. humde climate change	adj.	created or produced by humans; artificial
201. financial crs	n.	a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken

ANSWERS: 192. heatstroke, 193. curve, 194. stumble, 195. acrobatic, 196. succumb, 197. suddenly, 198. ancient, 199. reroute, 200. human-made, 201. crisis

or

202.	enus potential	adj.	extremely large or great
203.	maft shelter	adj.	serving as a temporary substitute or solution; improvised
204.	coe chemically with another substance	<i>v</i> .	to join or merge to form a single thing or group
205.	dit attention	v.	to change the course or direction of something, often away from a specific path or target; to entertain or amuse someone, often to distract them from a problem or concern; to appropriate something for a different purpose
206.	a fld of questions	n.	a large amount of water flowing beyond its normal limits; an overwhelming number or amount
207.	semi-ad zone	adj.	lacking in moisture or rainfall; dry and barren; lacking in interest, life, or vitality
208.	indus student	adj.	hardworking, diligent, and persistent in effort
209.	emy job seekers	<i>v</i> .	to give somebody a job and pay them for it; to make use of
210.	dee on a course of action	ν.	to make up someone's mind about something; to come to a conclusion or judgment after considering options
211.	dete the economy	<i>v</i> .	to wreck a place or an area or cause significant damage
212.	dy gravity	<i>v</i> .	to challenge or dare someone to do something; to resist or disobey a rule, decision, etc.

ANSWERS: 202. enormous, 203. makeshift, 204. combine, 205. divert, 206. flood, 207. arid, 208. industrious, 209. employ, 210. decide, 211. devastate, 212. defy

- 213. ind____al freedom
- 214. cast gl____us eyes

- n. a single person or thing, as distinct from a group
- adj. highly attractive and exciting, and different from ordinary things or people

ANSWERS: 213. individual, 214. glamorous

Session 3: Fill in the Blanks

This accident a dark shadow over their lives.
ν . to cause light or shadow to appear on a surface; to assing or choose someone such as an actor or representative, especially by selection process
2. The organizational of start-ups is often flat and straightforward.
n. the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
3. The company is investing heavily in research and development.
adj. in the direction against a stream's current; (adverb) toward the source or beginning of a stream, river, or process
4 is the foundation of our economy.
n. the practice or science of cultivating the land or raising stock
5. The south coast is less yet has many clean and appealing hotels.
adj. highly attractive and exciting, and different from ordinary things or people
6. Fresh water is becoming increasingly in many parts of the world.
adj. not abundant or plentiful, and therefore not easy to find or obtain
7. By incorrect assumption, statistics can be notoriously
adj. not able to be trusted or depended on
8. The town decided to convert its power source to energy.
adj. relating to the generation of electricity from water power, usually by using turbines or generators powered by falling or flowing water; utilizing the energy of water to generate electricity
ANSWERS: 1. cast, 2. structure, 3. upstream, 4. Agriculture, 5. glamorous, 6. scarce 7. unreliable, 8. hydroelectric

33.	As an he had the right to make his own decisions and live his life as he saw fit.
n.	a single person or thing, as distinct from a group
34.	The on the construction site is responsible for overseeing the workers and ensuring that the project is completed on time.
n.	a person in charge of a group of workers, typically in a factory, construction site, or other industrial settings; a juror who presides over jury deliberations and speaks for the group in court
35.	This material can moisture swiftly.
v.	to force an attack or attacker to withdraw or retreat
36.	The demonstrate that poverty and unemployment are genuine problems.
n.	the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
37.	The Chinese word for comprises two characters, one for danger and the other for opportunity.
n.	a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
38.	The recent economic downturn has resulted in layoffs.
adj	enormous amount; very heavy and solid
39.	This bridge is the third largest bridge in the world.
n.	a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
	SWERS: 33. individual, 34. foreman, 35. repel, 36. statistics, 37. crisis, 38. ssive, 39. steel

ANSWERS: 86. tunnel, 87. divert, 88. circus, 89. arrival, 90. acrobatic, 91. gorge, 92 suddenly