Englist.me

Vocabulary Builder Reference from...

Alex Gendler: How one design flaw almost toppled a

skyscraper | TED Talk

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

sign_flaw_almost_toppled_a_skyscraper



All Words

IMPORTANT

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Session 1: Word List

undergraduate

 a student who is studying for their first degree at a university or other higher education institution

synonym: college student, freshman

(1) engineering **undergraduate**, (2) **undergraduate** course The class was composed of both **undergraduate** and graduate students.

architecture

the art and science of designing and constructing buildings

synonym: design, structure, layout

(1) **architecture** design, (2) classic **architecture**The city is known for its impressive **architecture** and beautiful old buildings.

thesis

 a written essay, especially one submitted for a university degree, that sets out the author's findings on a particular subject

synonym: dissertation, argument, treatise

(1) a drift of a **thesis**, (2) master **thesis**

His **thesis** on the effects of climate change won several awards.

shocking

adj. extremely or surprisingly bad, or causing a strong emotional response such as surprise or disgust

synonym: startling, surprising, astounding

(1) **shocking** response, (2) **shocking** revelation

The news of the accident was **shocking** and left many in shock.

discovery

 the act or process of finding information, a place, or an object, or learning about something that was previously not known

synonym: finding, uncovering, detection

(1) a scientific **discovery**, (2) the great **discovery** of the century

Her research team made an important discovery.

skyscraper

- n. a very tall building, typically one in a citysynonym: high-rise, tower
- (1) **skyscraper** apartment house, (2) steel-framed **skyscraper**

The 50-floor **skyscraper** loomed over the city, dwarfing the other buildings.

midtown

 the central area of a city or town, typically a busy commercial or business district

synonym: downtown, city center, central business district

(1) midtown traffic, (2) midtown coffee shop

The conference is being held in **midtown** Manhattan.

pore

 a tiny hole in the skin of people or other animals that sweat can pass through; (verb) to read carefully or study attentively

synonym: stoma, foramen

(1) woody **pore** fungi, (2) **pore** over reference booksI was sweating at every **pore**.

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.

oversight

 the act of supervising or watching over something; a mistake caused by not paying enough attention to something

synonym: supervision, monitoring, failure

(1) environmental **oversight**, (2) **oversight** committee Due to careless **oversight**, the product was not inspected before it was shipped to the customers.

threaten

v. to utter intentions of injury or punishment against someone

synonym: endanger, terrorize, intimidate

(1) **threaten** a healthy relationship, (2) **threaten** national security

Various artificially induced causes are **threatening** our ecosystem.

topple

v. to cause to lose balance and fall over, especially by pushing

synonym: overturn, capsize, upset

topple communist rule, (2) topple off a ledge
 the statue was old and unstable, so it easily toppled over.

tower

 a structure that is exceptionally high in proportion to its width and either forms part of a building or stands alone

synonym: building, belfry, edifice

(1) a bell tower, (2) the tower on a cliff

She is a **tower** of strength for our team in trouble.

dense

adj. containing a large number of people or something with little space between them

synonym: heavy, thick, idiotic

(1) nutrient- dense foods, (2) dense forests

The entire mountain is covered in **dense** rainforest.

district

a part of a country or town, especially one with particular features

synonym: territory, dominion, zone

(1) school districts, (2) urban districts

Since 2001, the **district** has provided training programs for automotive technicians.

slope

a surface with one end or side that is higher than the other

synonym: gradient, pitch, slant

(1) an abrupt **slope**, (2) slide down a **slope** on a ski The hut stands on the **slope** of a mountain.

unique

adj. being the only one of its kind; unlike anything else *synonym*: one-of-a-kind, unparalleled, incomparable

(1) a **unique** teacher, (2) **unique** design

The painting is unique, and there is no other like it.

skyline

 the outline of buildings and other structures against the sky, especially when viewed from a distance

synonym: silhouette, cityscape, horizon

(1) skyline view, (2) downtown skyline

The **skyline** of the city was dotted with tall buildings.

distinctive

adj. having a quality or characteristic that makes it stand out from others

synonym: characteristic, individual, unique

(1) **distinctive** ability, (2) design to be **distinctive**His writing style was **distinctive**, with a clear and concise voice.

feat

n. a notable or impressive achievement, especially one that requires great skill or bravery

synonym: achievement, accomplishment, exploit

(1) intellectual **feat**, (2) **feat** accomplishment

It is an incredible **feat** to climb Mount Everest, the highest

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mountain in the world.

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.

occupy

- v. to consume all of someone's space, attention, or time synonym: inhabit, settle, populate
- (1) **occupy** his time, (2) **occupy** a position The young prince will soon **occupy** the throne.

peter

v. to fail or lose power, efficiency, or value gradually before coming to an end

synonym: decrease, drop, lower

(1) eventually **peter** out, (2) begin to **peter** out The music just **petered** out.

church

 a building or institution dedicated to religious worship or activities; a Christian religious organization or denomination

synonym: chapel, cathedral, synagogue

(1) church bell, (2) small church

The **church** on the corner is hosting a free community meal tonight.

column

one of the vertical blocks that split content on a page or screen from top to bottom; an upright pillar that often supports an arch, entablature, or other structure or stands alone as a monument

synonym: line, pillar, cue

(1) the spinal **column**, (2) a **column** of water

The newspaper devoted several **columns** to the affair.

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stilt

 a tall, narrow pole used as a support for a building, bridge, or other structure; a pair of long, slender poles with footrests used to elevate someone above the ground

synonym: pole, post, long-legs

(1) stilt grass, (2) stilt walking

The archeologists found ancient **stilt** houses that were preserved under the water.

unheard

adj. not heard, listened to, or noticed; not having been brought to public attention

synonym: unknown, obscure

(1) an **unheard** story, (2) previously **unheard-of** economic development

The **unheard** melody was beautiful and touched everyone's hearts.

novel

 an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before

synonym: fiction, story, (adjective) innovative

(1) historical **novel**, (2) **novel** effect

The **novel** has largely gotten positive feedback.

chief

adj. most important or primary; (noun) a person who is in charge

synonym: essential, primary, leading

(1) **chief** accountant, (2) **chief** events of the year Mining is a **chief** source of income for the country.

structural

adj. associated with the way on construction or organization of anything

synonym: architectural, basic, anatomical

(1) structural analyses, (2) structural reorganization

The earthquake resulted in significant **structural** destruction.

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engineer

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.

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.

precaution

a measure taken in advance to prevent harm, danger, or injury; foresightfulness

synonym: safeguard, measure, provision

(1) airborne **precaution**, (2) take extra **precautions**As a **precaution**, the company locked all of its doors after a threat was made.

stability

- n. the quality or attribute of being firm and steadfastsynonym: resilience, solidity, steadiness
- (1) **stability** pact, (2) fiscal **stability** pact
 The policy should increase the country's monetary **stability**.

consist

- v. to be composed or made up of synonym: lie in, comprise, exist
- (1) **consist** mainly of cells, (2) **consist** only in knowing facts This examination **consists** of five problems to solve.

chevron

n. a V-shaped pattern of decorative lines or stripes found in various types of fabrics, such as tweed or herringbone; (of a military) a symbol worn on the sleeve or shoulder of a uniform to indicate rank or length of service consisting of one or more V-shaped stripes, with the number of stripes indicating the level of rank

synonym: zigzag, v-shape, stripe

(1) **chevron** pattern, (2) **chevron** stripes

The soldier's uniform had a **chevron** patch on the sleeve.

exoskeleton

 a hard, external protective covering or framework that supports and gives shape to the body of an invertebrate animal, such as an insect or crab

synonym: chitin, exocuticle, carapace

(1) exoskeleton suit, (2) robotic exoskeleton

The **exoskeleton** of the crab protects it from predators and environmental changes.

external

adj. belonging to or situated outside of someone or something

synonym: outside, exterior, foreign

(1) external factors, (2) external commerce

When a company discloses information to the market, an **external** auditor verifies them.

structure

 n. 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.

vulnerable

adj. capable of being hurt or influenced physically or mentally

synonym: susceptible, exposed, weak

(1) a **vulnerable** bridge, (2) **vulnerable** parts of the body Infants and pregnant women are particularly **vulnerable**.

state-of-the-art

adj. characterized by the use of the latest and most advanced technology or methods; cutting-edge

synonym: 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.

tune

 a musical composition or set of musical notes that are played or sung; (verb) to adjust or set something to a specific condition or standard

synonym: melody, harmony, (verb) adjust

(1) the tune of a song, (2) tune a piano

The band played a beautiful **tune** on their instruments.

mass

 a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

synonym: abundance, crowd, mob

(1) a mass of molten rock, (2) critical mass

The **mass** of people who do not own property is politically impotent.

damp

adj. slightly wet or moist; characterized by a lack of warmth, enthusiasm, or energy; depressing or dispiriting

synonym: moist, dampened, wet

(1) damp cloth, (2) damp weather

The clothes were still **damp** after being in the dryer for an hour.

counterweight

 a weight that balances or opposes another weight to achieve stability or equilibrium; a weight that is used to offset the weight of another object or to provide mechanical advantage

synonym: balance, counterbalance, counterpoise

(1) **counterweight** system, (2) **counterweight** balance The **counterweight** on the suspension bridge helped keep it stable during windy conditions.

sensor

 a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner synonym: detector

(1) motion **sensor** lighting, (2) an image **sensor**This automatic door could no longer be opened due to a **sensor** failure.

counteract

 to act against something to reduce its bad or harmful effects or neutralize it

synonym: balance, offset, compensate

(1) **counteract** the effect of poison, (2) **counteract** global warming

Our body's immune system produces antibodies to **counteract** disease.

sway

v. to move back and forth or side to side gently, often in response to external factors such as wind or water; to influence or persuade someone to do something; to control or dominate something

synonym: swing, oscillate, influence

(1) **sway** back and forth, (2) **sway** to the rhythm

The politician tried to **sway** public opinion in his favor, but his arguments fell flat.

calculation

n. the act or process of using numbers to judge an amount of something

synonym: analysis, computation, estimate

(1) make a **calculation**, (2) **calculation** of loss and gain The error in the **calculation** was attributable to rounding.

withstand

- v. to resist the effect or impact of something synonym: endure, bear, resist
- (1) **withstand** pressure, (2) **withstand** temptation
 The new phone is waterproof and can **withstand** being dropped in water.

resolve

v. to find a suitable answer to the problems or difficulty synonym: decide, determine, fix

(1) **resolve** a dispute, (2) **resolve** the computer error This company **resolves** its battery problem completely.

odd

adj. strange or unexpected; not divisible by twosynonym: strange, bizarre, abnormal

(1) in an **odd** way, (2) **odd** behavior His grandfather was an **odd** man.

broad

adj. very wide; generalsynonym: wide, expansive, comprehensive

attract broad attention, (2) a broad mind
 accumulated wealth across a broad spectrum of assets.

typical

adj. having the usual characteristics or traits of a specific group of things

synonym: characteristic, usual, distinctive

(1) **typical** leader, (2) fairly **typical** symptoms This artwork is **typical** of her work.

encounter

v. to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly

synonym: meet, run into, come across

(1) **encounter** a crisis, (2) **encounter** a storm I'm prepared to **encounter** challenges throughout this adventure.

threat

 a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation

synonym: menace, danger, hazard

(1) economic **threat**, (2) environmental **threat**The **threat** of severe weather prompted the city to issue an evacuation warning.

tradition

 a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

synonym: custom, practice, ritual

(1) a **tradition** of a culture, (2) against **tradition** It is a **tradition** in many families to have a big Thanksgiving dinner with all their relatives.

unaccountable

adj. not able to be explained or justified, often in a way that suggests something suspicious or dishonest is going on; not responsible or answerable for one's actions or behavior

synonym: unexplainable, inexplicable, mysterious

(1) **unaccountable** behavior, (2) **unaccountable** decision The **unaccountable** disappearance of funds led to an investigation.

firm

adj. resolute or unwavering in decision-making or action; strong or secure in structure, make, or composition; reliable, trustworthy, or dependable; (noun) a business or company

synonym: stable, secure, steadfast

(1) firm grip, (2) accounting firm

The **firm** deadline for submitting the project is tomorrow, so we need to work efficiently to finish on time.

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.

alarming

- adj. causing concern or apprehension; causing a feeling of danger, harm, or emergency; unsettling or disturbingsynonym: forbidding, concerning, disturbing
- (1) **alarming** news, (2) **alarming** statistics

 The sudden rise in crime rates in our neighborhood is quite **alarming**.

approve

v. to think that someone or something is favorable, acceptable, or appropriate; to officially accept a plan, request, etc.

synonym: accept, authorize, agree

(1) **approve** a measures, (2) unanimously **approve** a resolution

My boss wouldn't **approve** of the plan.

replace

- v. to take the place of somethingsynonym: substitute, supersede, displace
- (1) **replace** one word with another, (2) **replace** a phone Eventually, the new design will **replace** all older models.

weld

 to join two or more pieces of metal together by heating their edges until they melt and fuse

synonym: fuse, join, bond

(1) **weld** a team of such people, (2) **weld** two broken pipes He learned how to **weld** metal in his high school shop class.

joint

adj. shared, held, or made between two or more people;(noun) the point of connection between two bones or elements of a skeleton

synonym: collaborative, cooperative, combined

(1) a **joint** venture, (2) the bone of a **joint**After the summit meeting, the prime ministers issued a **joint** statement.

bolt

 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 bedThe lightning bolt twigged in several directions.

activate

- v. make something start working, more active or dynamic synonym: mobilize, stimulate, initiate
- (1) activate a receptor, (2) activate a motor

You must **activate** the software with a 16-digit key before you can use it.

uncover

v. to remove the cover from something; to discover something previously unseen or hidden

synonym: disclose, reveal, unveil

(1) **uncover** a potential problem, (2) **uncover** the truth He continued his investigation and soon **uncovered** another crime.

architect

 a person whose job is to design plans to be used in making something, such as buildings

synonym: creator, designer, planner

(1) landscape **architect**, (2) **architect** of the peace accord The building **architect** tried to build the house above the tree.

craft

 an activity that requires a particular skill in making things with one's hands

synonym: art, skill, workmanship

(1) **craft** arts of Japan, (2) **craft** manufacture

His hometown was where he first acquired the **craft** of wood carving.

confidential

adj. intended to be kept secret

synonym: secret, private, classified

(1) **confidential** information, (2) strictly **confidential** data The **confidential** documents were only available to authorized personnel.

warn

v. to make someone aware of potential danger or difficulty, particularly one that may occur in the future

synonym: alert, caution, admonish

(1) **warn** a reckless driver, (2) **warned** me of the plan I attempted to **warn** him, but he ignored me.

resident

n. 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.

crew

a group of people who work together, especially on a ship or airplane

synonym: team, group, squad

(1) the film **crew**, (2) the **crew** of a fishing boat The ship's **crew** worked hard to repair the damaged sails before the next storm hit.

string

 long, thin material used for tying things together, composed of several twisted threads

synonym: line, wire, rope

(1) retie the **string** and make it strong, (2) tense piano **strings**

She wore a **string** of pearls around her neck.

shift

- n. a slight transition in position, direction, or trendsynonym: transition, change, modification
- (1) Doppler **shift**, (2) major paradigm **shift** Could you help me **shift** some furniture?

reinforce

v. to strengthen or support something, especially by adding another material to it; to make emotion, idea, etc. stronger

synonym: strengthen, fortify, support

(1) **reinforce** the military, (2) **reinforce** good behavior We should **reinforce** the troops at the front line.

august

 adj. having a majestic or prestigious quality, inspiring awe or admiration; relating to or happening in August

synonym: majestic, grand, impressive

(1) August weather, (2) august mountains

The **august** palace stood tall and proud, a testament to the royal family's power.

halfway

adj. in or at a point midway or an equal distance between two points

synonym: middle, median, center

(1) **halfway** through my journey, (2) **halfway** decent job The famous restaurant stands **halfway** up the hill.

hurricane

 a violent, tropical, cyclonic storm of the western North Atlantic, having wind speeds of or over 64 knots (74 miles per hour)

synonym: cyclone, typhoon, storm

(1) a **hurricane** of applause, (2) the ravages of a **hurricane** The devastating **hurricane** caused widespread damage and left many people homeless.

emergency

 a sudden unforeseen crisis usually involving danger that requires immediate action

synonym: crisis, trouble, difficulty

(1) **emergency** action, (2) acute **emergency**. The president declared a state of **emergency**.

evacuate

v. to remove people or things from a place of danger or threat; to leave or abandon a place or situation, often due to fear or risk

synonym: empty, clear out, vacate

(1) **evacuate** the building, (2) **evacuate** civilians

The town was forced to **evacuate** due to the hurricane approaching.

radial

adj. of or relating to rays or the radii of a circle; spreading out from a central point

synonym: concentric, central, spoke-like

(1) radial symmetry, (2) in a radial direction

The **radial** design of the wheel allows for maximum strength and stability.

veer

v. to change direction suddenly or sharply; to turn or swerve from one course or direction to another

synonym: swerve, diverge, shift

(1) **veer** toward danger, (2) **veer** to the left

The car **veered** off the road and crashed into a tree.

reinforcement

n. the act of strengthening, supporting, or consolidating; something that serves to strengthen or support

synonym: strengthening, support, underpinning

(1) social reinforcement, (2) reinforcement of beliefsThe wall was strengthened with the reinforcement of heavy

steel beams.

covert

adj. kept secret or concealed; not openly practiced or engaged in

synonym: secretive, hidden, disguised

(1) **covert** negotiations, (2) **covert** mission

The government was conducting a **covert** operation to gather information on the enemy.

unnoticed

adj. not seen or noticed

synonym: ignored, overlooked, unrecognized

(1) **unnoticed** by all, (2) go **unnoticed** for a long period His research went largely **unnoticed** until a prominent researcher cited it.

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

(1) **strike** up a conversation, (2) **strike** a blow We **strike** to achieve more wages and safer working conditions.

span

 the entire length of something, such as time or space from beginning to end; the amount of space that something covers

synonym: interval, period, length

(1) the **span** of a bird's wings, (2) the average life **span**He slightly modified the **span** of training because it was just before a match.

disaster

 an unexpected event or series of events that cause widespread damage, destruction, or loss of life

synonym: catastrophe, calamity, tragedy

(1) global disaster, (2) disaster recovery

The **disaster** response team worked around the clock to aid those affected by the earthquake.

rev

n. a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

synonym: revolution, RPM, speed

(1) low- **rev** engine, (2) **rev** up the crowd

He stepped on the gas pedal, and the engine released a loud **rev**.

creditor

- n. a person, company, etc. to whom a debtor owes money
- (1) the **creditor's** claims, (2) bankrupt **creditor** I asked the lawyer to initiate **creditor** negotiations for voluntary liquidation.

Session 2: Spelling

str al reorganization

5. v r toward danger

a co___n of water

4.

6.

l. st___e through life v. to miss a step and fall or nearly fall; to walk unsteadily

2. t__e a piano

n. a musical composition or set of musical notes that are played or sung; (verb) to adjust or set something to a specific condition or standard

3. global di____er

n. an unexpected event or series of events that cause widespread damage, destruction, or loss of life

adj. associated with the way on construction or organization of anything

v. to change direction suddenly or sharply; to turn or swerve from one course or direction to another

n. one of the vertical blocks that split content on a page or screen from top to bottom; an upright pillar that often supports an arch, entablature, or other structure or stands alone as a

adj. capable of being hurt or influenced physically or mentally

structure or stands alone as a monument

7. sh____ng revelation

adj. extremely or surprisingly bad, or causing a strong emotional response such as surprise or disgust

n. a notable or impressive achievement, especially one that requires great skill or bravery

9. vul le parts of the body

adj. capable of being hurt or influenced

ANSWERS: 1. stumble, 2. tune, 3. disaster, 4. structural, 5. veer, 6. column, 7. shocking, 8. feat, 9. vulnerable

10. attract brd attention	adj.	very wide; general	
11. ste financially	<i>v</i> .	to miss a step and fall or nearly fall; to walk unsteadily	
12. chf events of the year	adj.	most important or primary; (noun) a person who is in charge	
13. an abrupt sle	n.	a surface with one end or side that is higher than the other	
14. chn pattern	n.	a V-shaped pattern of decorative lines or stripes found in various types of fabrics, such as tweed or herringbone; (of a military) a symbol worn on the sleeve or shoulder of a uniform to indicate rank or length of service consisting of one or more V-shaped stripes, with the number of stripes indicating the level of rank	
15. ske view	n.	the outline of buildings and other structures against the sky, especially when viewed from a distance	
16. environmental tht	n.	a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation	
17. shng response	adj.	extremely or surprisingly bad, or causing a strong emotional response such as surprise or disgust	
18. slide down a sle on a ski	n.	a surface with one end or side that is higher than the other	
ANSWERS: 10. broad, 11. stumble, 12. chief, 13. slope, 14. chevron, 15. skyline, 16.			

threat, 17. shocking, 18. slope

a slight transition in position, direction, 19. major paradigm sh t n. or trend 20. co___t mission adj. kept secret or concealed; not openly practiced or engaged in a musical composition or set of musical 21. the t e of a song n. notes that are played or sung; (verb) to adjust or set something to a specific condition or standard 22. a tr on of a culture a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society 23. co___t mainly of cells to be composed or made up of ν. a large amount of a substance with no 24. critical m s n. definite shape or form; a large number of people or things grouped or crowded together 25. de e forests adj. containing a large number of people or something with little space between them a metal bar that slides across to lock a 26. b t from my bed n. door or window closed; a discharge of lightning accompanied by thunder; (verb) to move or jump suddenly 27. motion se r lighting a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner 28. against tr____on a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

ANSWERS: 19. shift, 20. covert, 21. tune, 22. tradition, 23. consist, 24. mass, 25. dense, 26. bolt, 27. sensor, 28. tradition

29. fm (grip	adj.	resolute or unwavering in decision-making or action; strong or secure in structure, make, or composition; reliable, trustworthy, or dependable; (noun) a business or company
30. nutrier	nt-dee foods	adj.	containing a large number of people or something with little space between them
31. cal	on of loss and gain	n.	the act or process of using numbers to judge an amount of something
32. fiscal	stty pact	n.	the quality or attribute of being firm and steadfast
33. the sp	inal con	n.	one of the vertical blocks that split content on a page or screen from top to bottom; an upright pillar that often supports an arch, entablature, or other structure or stands alone as a monument
34. sta	art technology	adj.	characterized by the use of the latest and most advanced technology or methods; cutting-edge
35. the gre	eat diry of the century	n.	the act or process of finding information, a place, or an object, or learning about something that was previously not known
36. ha	ed the incident	ν.	to deal with a situation, problem, or strong emotion
37. re	_e a dispute	ν.	to find a suitable answer to the problems or difficulty

ANSWERS: 29. firm, 30. dense, 31. calculation, 32. stability, 33. column, 34. state-of-the-art, 35. discovery, 36. handle, 37. resolve

38.	steel-framed skyer	n.	a very tall building, typically one in a city
39.	hae a precious object	v.	to deal with a situation, problem, or strong emotion
40.	sy back and forth	<i>v</i> .	to move back and forth or side to side gently, often in response to external factors such as wind or water; to influence or persuade someone to do something; to control or dominate something
41.	exoon suit	n.	a hard, external protective covering or framework that supports and gives shape to the body of an invertebrate animal, such as an insect or crab
42.	acute emcy	n.	a sudden unforeseen crisis usually involving danger that requires immediate action
43.	in a raI direction	adj.	of or relating to rays or the radii of a circle; spreading out from a central point
44.	robotic exoon	n.	a hard, external protective covering or framework that supports and gives shape to the body of an invertebrate animal, such as an insect or crab
45.	make a calon	n.	the act or process of using numbers to judge an amount of something
46.	ener a crisis	ν.	to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly
47.	ovht committee	n.	the act of supervising or watching over something; a mistake caused by not paying enough attention to something

ANSWERS: 38. skyscraper, 39. handle, 40. sway, 41. exoskeleton, 42. emergency, 43. radial, 44. exoskeleton, 45. calculation, 46. encounter, 47. oversight

to fail or lose power, efficiency, or value 48. eventually pe r out ν. gradually before coming to an end a structure that is exceptionally high in 49. the to ron a cliff n. proportion to its width and either forms part of a building or stands alone 50. th en national security to utter intentions of injury or ν. punishment against someone 51. to___e off a ledge to cause to lose balance and fall over, ν. especially by pushing to wallop somebody or something with 52. st e up a conversation the hand, fist, or weapon; to have an emotional or cognitive impact upon 53. rei ent of beliefs the act of strengthening, supporting, or n. consolidating; something that serves to strengthen or support the act or process of finding information, 54. a scientific di ry n. a place, or an object, or learning about something that was previously not known a tiny hole in the skin of people or other 55. p e over reference books n. animals that sweat can pass through; (verb) to read carefully or study attentively 56. o d behavior adj. strange or unexpected; not divisible by two an activity that requires a particular skill 57. cr t arts of Japan n. in making things with one's hands 58. st re and function of the brain the way of construction of something n. and the arrangement of its parts, or a complex thing constructed of many parts

ANSWERS: 48. peter, 49. tower, 50. threaten, 51. topple, 52. strike, 53. reinforcement, 54. discovery, 55. pore, 56. odd, 57. craft, 58. structure

59.	dier recovery	n.	an unexpected event or series of events that cause widespread damage, destruction, or loss of life
60.	social reient	n.	the act of strengthening, supporting, or consolidating; something that serves to strengthen or support
61.	previously und-of economic development	adj.	not heard, listened to, or noticed; not having been brought to public attention
62.	staart software	adj.	characterized by the use of the latest and most advanced technology or methods; cutting-edge
63.	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
64.	min traffic	n.	the central area of a city or town, typically a busy commercial or business district
65.	engineering undate	n.	a student who is studying for their first degree at a university or other higher education institution
66.	nuus countries	adj.	amounting to a large indefinite number
67.	cr_t manufacture	n.	an activity that requires a particular skill in making things with one's hands
68.	a hune of applause	n.	a violent, tropical, cyclonic storm of the western North Atlantic, having wind speeds of or over 64 knots (74 miles per hour)

ANSWERS: 59. disaster, 60. reinforcement, 61. unheard, 62. state-of-the-art, 63. bolt, 64. midtown, 65. undergraduate, 66. numerous, 67. craft, 68. hurricane

69. ree one word with another	v.	to take the place of something
70. stty pact	n.	the quality or attribute of being firm and steadfast
71. as nuus as the sand	adj.	amounting to a large indefinite number
72. the average life sn	n.	the entire length of something, such as time or space from beginning to end; the amount of space that something covers
73. the bone of a jot	adj.	shared, held, or made between two or more people; (noun) the point of connection between two bones or elements of a skeleton
74. accounting fm	adj.	resolute or unwavering in decision-making or action; strong or secure in structure, make, or composition; reliable, trustworthy, or dependable; (noun) a business or company
75. dp cloth	adj.	slightly wet or moist; characterized by a lack of warmth, enthusiasm, or energy; depressing or dispiriting
76. classic arcure	n.	the art and science of designing and constructing buildings
77. historical nol	n.	an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before
78. a jot venture	adj.	shared, held, or made between two or more people; (noun) the point of connection between two bones or elements of a skeleton

ANSWERS: 69. replace, 70. stability, 71. numerous, 72. span, 73. joint, 74. firm, 75. damp, 76. architecture, 77. novel, 78. joint

79.	hay decent job	adj.	in or at a point midway or an equal distance between two points
80.	begin to per out	<i>v</i> .	to fail or lose power, efficiency, or value gradually before coming to an end
81.	low-r_v engine	n.	a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
82.	the ravages of a hune	n.	a violent, tropical, cyclonic storm of the western North Atlantic, having wind speeds of or over 64 knots (74 miles per hour)
83.	unanimously ape a resolution	ν.	to think that someone or something is favorable, acceptable, or appropriate; to officially accept a plan, request, etc.
84.	rece the military	ν.	to strengthen or support something, especially by adding another material to it; to make emotion, idea, etc. stronger
85.	disve ability	adj.	having a quality or characteristic that makes it stand out from others
86.	a brd mind	adj.	very wide; general
87.	vr to the left	v.	to change direction suddenly or sharply; to turn or swerve from one course or direction to another
88.	retie the stg and make it strong	n.	long, thin material used for tying things together, composed of several twisted threads
89.	design to be disve	adj.	having a quality or characteristic that makes it stand out from others

ANSWERS: 79. halfway, 80. peter, 81. rev, 82. hurricane, 83. approve, 84. reinforce, 85. distinctive, 86. broad, 87. veer, 88. string, 89. distinctive

90.	wind temptation	<i>v</i> .	to resist the effect or impact of something
91.	intellectual ft	n.	a notable or impressive achievement, especially one that requires great skill or bravery
92.	wd a team of such people	<i>v</i> .	to join two or more pieces of metal together by heating their edges until they melt and fuse
93.	an und story	adj.	not heard, listened to, or noticed; not having been brought to public attention
94.	a une teacher	adj.	being the only one of its kind; unlike anything else
95.	go uned for a long period	adj.	not seen or noticed
96.	economic tht	n.	a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
97.	small chh	n.	a building or institution dedicated to religious worship or activities; a Christian religious organization or denomination
98.	arcure design	n.	the art and science of designing and constructing buildings
99.	couct global warming	<i>v</i> .	to act against something to reduce its bad or harmful effects or neutralize it
100	. ree a phone	<i>v</i> .	to take the place of something

ANSWERS: 90. withstand, 91. feat, 92. weld, 93. unheard, 94. unique, 95. unnoticed, 96. threat, 97. church, 98. architecture, 99. counteract, 100. replace

101. evte the building	<i>v</i> .	to remove people or things from a place of danger or threat; to leave or abandon a place or situation, often due to fear or risk
102. ener shortage	n.	a person whose job is designing, building, or maintaining something such as machines, structures, or software
103. the stre of a machine	n.	the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
104. unable behavior	adj.	not able to be explained or justified, often in a way that suggests something suspicious or dishonest is going on; not responsible or answerable for one's actions or behavior
105. alng news	adj.	causing concern or apprehension; causing a feeling of danger, harm, or emergency; unsettling or disturbing
106. ocy a position	<i>v</i> .	to consume all of someone's space, attention, or time
107. the film cw	n.	a group of people who work together, especially on a ship or airplane
108. stt walking	n.	a tall, narrow pole used as a support for a building, bridge, or other structure; a pair of long, slender poles with footrests used to elevate someone above the ground
109. the sn of a bird's wings	n.	the entire length of something, such as time or space from beginning to end; the amount of space that something covers

ANSWERS: 101. evacuate, 102. engineer, 103. structure, 104. unaccountable, 105. alarming, 106. occupy, 107. crew, 108. stilt, 109. span

110. Aut weather	adj.	having a majestic or prestigious quality, inspiring awe or admiration; relating to or happening in August
111. wd two broken pipes	v.	to join two or more pieces of metal together by heating their edges until they melt and fuse
112. a civil ener	n.	a person whose job is designing, building, or maintaining something such as machines, structures, or software
113. wned me of the plan	ν.	to make someone aware of potential danger or difficulty, particularly one that may occur in the future
114. chn stripes	n.	a V-shaped pattern of decorative lines or stripes found in various types of fabrics, such as tweed or herringbone; (of a military) a symbol worn on the sleeve or shoulder of a uniform to indicate rank or length of service consisting of one or more V-shaped stripes, with the number of stripes indicating the level of rank
115. evte civilians	v.	to remove people or things from a place of danger or threat; to leave or abandon a place or situation, often due to fear or risk
116. ree the computer error	v.	to find a suitable answer to the problems or difficulty
117. undate course	n.	a student who is studying for their first degree at a university or other higher education institution

ANSWERS: 110. august, 111. weld, 112. engineer, 113. warn, 114. chevron, 115. evacuate, 116. resolve, 117. undergraduate

118. coct a 3D image	ν.	to build or create something; to assemble or combine different parts to form something whole
119. a drift of a ths	n.	a written essay, especially one submitted for a university degree, that sets out the author's findings on a particular subject
120. couct the effect of poison	<i>v</i> .	to act against something to reduce its bad or harmful effects or neutralize it
121. hay through my journey	adj.	in or at a point midway or an equal distance between two points
122. sy to the rhythm	ν.	to move back and forth or side to side gently, often in response to external factors such as wind or water; to influence or persuade someone to do something; to control or dominate something
123. conial information	adj.	intended to be kept secret
124. uned by all	adj.	not seen or noticed
125. acte a motor	v.	make something start working, more active or dynamic
126. the cror's claims	n.	a person, company, etc. to whom a debtor owes money
127. cought system	n.	a weight that balances or opposes another weight to achieve stability or equilibrium; a weight that is used to offset the weight of another object or to provide mechanical advantage

ANSWERS: 118. construct, 119. thesis, 120. counteract, 121. halfway, 122. sway, 123. confidential, 124. unnoticed, 125. activate, 126. creditor, 127. counterweight

128. school dicts	n.	a part of a country or town, especially one with particular features
129. raI symmetry	adj.	of or relating to rays or the radii of a circle; spreading out from a central point
130. downtown ske	n.	the outline of buildings and other structures against the sky, especially when viewed from a distance
131. coct a dam	ν.	to build or create something; to assemble or combine different parts to form something whole
132. cot only in knowing facts	ν.	to be composed or made up of
133. chh bell	n.	a building or institution dedicated to religious worship or activities; a Christian religious organization or denomination
134. alng statistics	adj.	causing concern or apprehension; causing a feeling of danger, harm, or emergency; unsettling or disturbing
135. cought balance	n.	a weight that balances or opposes another weight to achieve stability or equilibrium; a weight that is used to offset the weight of another object or to provide mechanical advantage
136. then a healthy relationship	ν.	to utter intentions of injury or punishment against someone
137. exal factors	adj.	belonging to or situated outside of someone or something
138. landscape arct	n.	a person whose job is to design plans to be used in making something, such as buildings

ANSWERS: 128. district, 129. radial, 130. skyline, 131. construct, 132. consist, 133. church, 134. alarming, 135. counterweight, 136. threaten, 137. external, 138. architect

139. exal commerce	adj.	belonging to or situated outside of someone or something
140. bankrupt cror	n.	a person, company, etc. to whom a debtor owes money
141. a ms of molten rock	n.	a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
142. nol effect	n.	an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before
143. wind pressure	<i>v</i> .	to resist the effect or impact of something
144. ape a measures	v.	to think that someone or something is favorable, acceptable, or appropriate; to officially accept a plan, request, etc.
145. woody pe fungi	n.	a tiny hole in the skin of people or other animals that sweat can pass through; (verb) to read carefully or study attentively
146. arct of the peace accord	n.	a person whose job is to design plans to be used in making something, such as buildings
147. airborne preon	n.	a measure taken in advance to prevent harm, danger, or injury; foresightfulness
148. Doppler sht	n.	a slight transition in position, direction, or trend
149. stral analyses	adj.	associated with the way on construction or organization of anything

ANSWERS: 139. external, 140. creditor, 141. mass, 142. novel, 143. withstand, 144. approve, 145. pore, 146. architect, 147. precaution, 148. shift, 149. structural

150. unr a potential problem	ν.	to remove the cover from something; to discover something previously unseen or hidden
151. emcy action	n.	a sudden unforeseen crisis usually involving danger that requires immediate action
152. skyer apartment house	n.	a very tall building, typically one in a city
153. master ths	n.	a written essay, especially one submitted for a university degree, that sets out the author's findings on a particular subject
154. une design	adj.	being the only one of its kind; unlike anything else
155. unr the truth	v.	to remove the cover from something; to discover something previously unseen or hidden
156. strictly conial data	adj.	intended to be kept secret
157. an image ser	n.	a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner
158. rent tax	n.	a person who lives in a particular place or has their home in a place
159. tyI leader	adj.	having the usual characteristics or traits of a specific group of things
160. fairly tyI symptoms	adj.	having the usual characteristics or traits of a specific group of things
161. ste a blow	<i>v</i> .	to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon

ANSWERS: 150. uncover, 151. emergency, 152. skyscraper, 153. thesis, 154. unique, 155. uncover, 156. confidential, 157. sensor, 158. resident, 159. typical, 160. typical, 161. strike

162. rece good behavior	v.	to strengthen or support something, especially by adding another material to it; to make emotion, idea, etc. stronger
163. aut mountains	adj.	having a majestic or prestigious quality, inspiring awe or admiration; relating to or happening in August
164. take extra preons	n.	a measure taken in advance to prevent harm, danger, or injury; foresightfulness
165. a rent of the city	n.	a person who lives in a particular place or has their home in a place
166. urban dicts	n.	a part of a country or town, especially one with particular features
167. r_v up the crowd	n.	a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
168. a vulle bridge	adj.	capable of being hurt or influenced physically or mentally
169. cot negotiations	adj.	kept secret or concealed; not openly practiced or engaged in
170. ocy his time	v.	to consume all of someone's space, attention, or time
171. tense piano stgs	n.	long, thin material used for tying things together, composed of several twisted threads
172. chf accountant	adj.	most important or primary; (noun) a person who is in charge
173. environmental ovht	n.	the act of supervising or watching over something; a mistake caused by not paying enough attention to something

of

ANSWERS: 162. reinforce, 163. august, 164. precaution, 165. resident, 166. district, 167. rev, 168. vulnerable, 169. covert, 170. occupy, 171. string, 172. chief, 173. oversight

174. wn a reckless driver	<i>v</i> .	to make someone aware of potential danger or difficulty, particularly one that may occur in the future
175. acte a receptor	<i>v</i> .	make something start working, more active or dynamic
176. min coffee shop	n.	the central area of a city or town, typically a busy commercial or business district
177. ener a storm	v.	to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly
178. in an o_d way	adj.	strange or unexpected; not divisible by two
179. d_p weather	adj.	slightly wet or moist; characterized by a lack of warmth, enthusiasm, or energy; depressing or dispiriting
180. unable decision	adj.	not able to be explained or justified, often in a way that suggests something suspicious or dishonest is going on; not responsible or answerable for one's actions or behavior
181. a bell tor	n.	a structure that is exceptionally high in proportion to its width and either forms part of a building or stands alone
182. toe communist rule	<i>v</i> .	to cause to lose balance and fall over, especially by pushing
183. the cw of a fishing boat	n.	a group of people who work together, especially on a ship or airplane

ANSWERS: 174. warn, 175. activate, 176. midtown, 177. encounter, 178. odd, 179. damp, 180. unaccountable, 181. tower, 182. topple, 183. crew

184. st__t grass

n. a tall, narrow pole used as a support for a building, bridge, or other structure; a pair of long, slender poles with footrests used to elevate someone above the ground

ANSWERS: 184. stilt

Session 3: Fill in the Blanks

1.	Could you help me some furniture?
n.	a slight transition in position, direction, or trend
	The melody was beautiful and touched everyone's hearts. i. not heard, listened to, or noticed; not having been brought to public attention
	He accumulated wealth across a spectrum of assets. i. very wide; general
4.	The newspaper devoted several to the affair.
n.	one of the vertical blocks that split content on a page or screen from top to bottom; an upright pillar that often supports an arch, entablature, or other structure or stands alone as a monument
5.	He continued his investigation and soon another crime.
ν.	to remove the cover from something; to discover something previously unseen or hidden
6.	The archeologists found ancient houses that were preserved under the water.
n.	a tall, narrow pole used as a support for a building, bridge, or other structure; a pair of long, slender poles with footrests used to elevate someone above the ground
7.	The devastating caused widespread damage and left many people homeless.
n.	a violent, tropical, cyclonic storm of the western North Atlantic, having wind speeds of or over 64 knots (74 miles per hour)
	SWERS: 1. shift, 2. unheard, 3. broad, 4. columns, 5. uncovered, 6. stilt, 7.

ANSWERS: 8. district, 9. exoskeleton, 10. dense, 11. typical, 12. creditor, 13. reinforcement, 14. halfway, 15. replace

ANSWERS: 16. warn, 17. counterweight, 18. activate, 19. string, 20. odd, 21. unique, 22. church, 23. sensor

30. bolt

methods; cutting-edge

ANSWERS: 31. architecture, 32. joint, 33. veered, 34. confidential, 35. craft, 36. withstand, 37. midtown, 38. stability, 39. state-of-the-art

Vocab-Builder Ref from "Alex Gendler: How one design flaw almost toppled a skyscraper | TED Talk" (92 words)

Vocab-Builder Ref from "Alex Gendler: How one design flaw almost toppled a skyscraper | TED Talk" (92 words)

56. Infants and pregnant women are particularly
adj. capable of being hurt or influenced physically or mentally
57. She over the tree root.
ν. to miss a step and fall or nearly fall; to walk unsteadily
58. 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
59. The politician tried to public opinion in his favor, but his arguments fell flat.
v. to move back and forth or side to side gently, often in response to external factors such as wind or water; to influence or persuade someone to do something; to control or dominate something
60. He learned how to metal in his high school shop class.
v. to join two or more pieces of metal together by heating their edges until they melt and fuse
61. His writing style was with a clear and concise voice.
adj. having a quality or characteristic that makes it stand out from others
62. I was sweating at every
 a tiny hole in the skin of people or other animals that sweat can pass through; (verb) to read carefully or study attentively
63. As a the company locked all of its doors after a threat was made.
n. a measure taken in advance to prevent harm, danger, or injury; foresightfulness
ANSWERS: 56. vulnerable, 57. stumbled, 58. structure, 59. sway, 60. weld, 61. distinctive, 62. pore, 63. precaution,

Vocab-Builder Ref from "Alex Gendler: How one design flaw almost toppled a skyscraper | TED Talk" (92 words)

ANSWERS: 72. slope, 73. mass, 74. resolves, 75. novel, 76. tune, 77. crew, 78. tower, 79. skyline

ANSWERS: 80. covert, 81. resident, 82. unnoticed, 83. external, 84. span, 85. numerous, 86. reinforce, 87. petered, 88. structural

ANSWERS: 89. calculation, 90. unaccountable, 91. oversight, 92. threatening