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Vocabulary Builder Reference from...

Alex Gendler: Why doesn't the Leaning Tower of Pisa

fall over? | TED Talk

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_the_leaning_tower_of_pisa_fall_over



All Words

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Session 1: Word List

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.

enlist

v. to sign up to serve in the military or a particular organization

synonym: join, sign up, appoint

(1) enlist in a cause, (2) enlist for a soldier

He decided to **enlist** in the military after graduating from high school.

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.

stabilize

v. to become or cause to become steady or unlikely to give way

synonym: brace, steady, secure

(1) **stabilize** prices, (2) **stabilize** blood sugar levels

The raising of interest rates **stabilizes** the inflation rate.

lean

- adj. having a noticeably small amount of body fat; (verb) to bend or move from a straight to a sloping posturesynonym: skinny, slender, (verb) slant
- a lean horse, (2) lean athletic figure
 Lean operational improvements often lead to better environmental performance.

tower

- n. a structure that is exceptionally high in proportion to its width and either forms part of a building or stands alonesynonym: building, belfry, edifice
- (1) a bell **tower**, (2) the **tower** on a cliff She is a **tower** of strength for our team in trouble.

attempt

 an act or effort of trying to do something, especially something difficult

synonym: endeavor, effort, try

(1) the **attempt** to rescue the hostages, (2) a reckless **attempt**

The third **attempt** was far more successful.

rev

 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**.

urgency

n. the quality of being very important and needing to be dealt with immediately

synonym: importance, importunity, urging

(1) urgency in the use of force, (2) matter of urgency

She departed hurriedly because of some significant **urgency** in their affairs.

topple

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

synonym: overturn, capsize, upset

(1) **topple** communist rule, (2) **topple** off a ledge

The statue was old and unstable, so it easily **toppled** over.

degree

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

synonym: level, qualification, diploma

(1) bachelor's **degree**, (2) **degree** centigrade

She received her **degree** in psychology from the university.

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.

stump

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

synonym: mix up

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

He is **stumped** with the question.

tilt

v. to incline or bend from a vertical position; (noun) the act of inclining or the state of being inclined or leaning to one side

synonym: incline, slant, lean

(1) on the **tilt**, (2) **tilt** a chair

She **tilted** her head to the side, indicating she was listening.

wealth

n. a large amount of money, property, or other things that someone or an organization owns

synonym: affluence, assets, fortunate

(1) majority of his wealth, (2) material wealth

The **wealth** inequality was unavoidable.

maritime

adj. relating to or connected with the sea, especially about shipping, navigation, or commercial activity

synonym: naval, seafaring, oceanic

(1) maritime trade, (2) maritime law

The city's economy relies heavily on the **maritime** industry and its port.

republic

 a state or country in which the people and their elected representatives hold supreme power and which has an elected or nominated president rather than a monarch

synonym: democracy, federation, commonwealth

(1) **republic** democracy, (2) the **republic** of art

The United States is a federal presidential constitutional **republic**.

cathedral

n. the main Christian church of a bishop's diocese, which is often the largest and most important church in the area

synonym: church, basilica, temple

(1) cathedral school, (2) cathedral choir

The **cathedral's** stained glass windows depicted scenes from the Bible.

magnificent

adj. extremely beautiful and impressive; grand or noble in thought or deed

synonym: splendid, brilliant, exquisite

(1) a **magnificent** plan, (2) a **magnificent** mountain The **magnificent** scene of the glacier is awe-inspiring.

landmark

 a notable or important event, place, or achievement; a significant object or feature that serves as a reference point

synonym: marker, reference point, guidepost

(1) a **landmark** discovery, (2) historical **landmark**The Empire State Building is a **landmark** in New York City.

embellish

v. to make something more beautiful, interesting, or attractive by adding decorative details or features; to exaggerate or enhance the truth or significance of something

synonym: decorate, adorn, beautify

(1) **embellish** a story, (2) **embellish** a room I decided to **embellish** the plain white dress with some colorful accessories.

enlarge

v. to make something bigger or larger; to become bigger or larger

synonym: broaden, increase, widen

(1) **enlarge** a photograph, (2) **enlarge** my experience Please **enlarge** your new theory.

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.

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.

dome

 a rounded vault forming the roof of a building or structure, typically with a circular base

synonym: hemisphere, cupola, vaults

(1) snow dome, (2) dome structure

The cathedral **dome** soared high above, its stained-glass windows casting colorful light on the altar below.

baptistry

 a part of a church or other religious building that is specifically set aside for the administration of baptism, often containing a basin or pool of water for immersion or pouring

synonym: font, baptismal font

(1) medieval **baptistry**, (2) the church's **baptistry** The ornate **baptistry** served as a place of religious significance for the local community.

plaza

a public square, marketplace, or similar open area in a town, especially in Spanish-speaking countries

synonym: park, square, center

(1) main plaza, (2) memorial plaza

Three young men were busking in the shopping plaza.

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.

standing

 adj. existing or remaining upright; having a vertical position; (noun) social, financial, or professional status or reputation

synonym: upright, vertical, (noun) position

(1) standing water, (2) his social standing

The **standing** concert was packed with fans.

campanile

n. a bell tower, often a detached part of a larger building, contains one or more bells and is typically associated with a church or cathedral

synonym: bell tower, belfry, campana

(1) the top of the **campanile**, (2) historic **campanile**The **campanile's** bells rang out across the city.

architect

craft

 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.
- 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.

marshy

adj. characterized by the presence of low-lying, waterlogged areas of land that are often covered by tall grasses or other vegetation; of or relating to areas near wetlands, swamps, or estuaries

synonym: boggy, soggy, swampy

(1) marshy ground, (2) marshy soil

The **marshy** terrain made building a solid foundation for the house difficult.

clay

 a natural, earthy material that is made up of very small particles of minerals and can be molded when wet and then fired to produce ceramics

synonym: ceramics, pottery, dirt

(1) clay animation, (2) soft clay ground

The sculptor carefully molded the **clay** into the desired shape.

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mud

n. a soft, wet, sticky earth or clay

synonym: muck, sludge, ooze

(1) mud wall, (2) mud volcano

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

sand

n. finely granulated particles of rock or mineral material typically found along beaches, deserts, or riverbeds; used in construction, landscaping, and other applications requiring drainage or abrasive action

synonym: grit, dust, powder

(1) sand dunes, (2) sand castle

The sand on the beach was warm and golden.

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.

counteract

v. 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.

pile

a collection of objects positioned one on top of another;
 a large sum of something, such as money

synonym: accumulation, heap, stack

(1) a sand **pile**, (2) the height of a **pile**

After the party, they had to clean up piles of dirty dishes.

stable

adj. firm and steady; not easily moved, disturbed, or changed

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synonym: sturdy, unmoving, durable

(1) in stable condition, (2) have a stable job

Relations between the two countries have been relatively **stable** due to the summit meeting.

bedrock

- n. the solid rock underlying soil or alluvium
- synonym: foundation, foundation stone, base
- (1) bedrock foundation, (2) bedrock geology

The **bedrock** beneath the soil is extremely solid and stable.

meter

- a device used to measure the amount of a particular substance or attribute, such as length, volume, or time;
 (prosody) the accent in a metrical foot of verse
- synonym: gauge, indicator, rhythm
- (1) a gas **meter**, (2) poetic **meter**

The **meter** on the wall showed that the room was three meters long.

suffice

- v. to be enough or sufficient; to meet the needs or requirements of something or someone; to satisfy or fulfill a purpose
- synonym: satisfy, meet, be enough
- (1) **suffice** to live, (2) **suffice** as evidence

Would one cup of flour **suffice** for this recipe?

relative

- adj. considered and evaluated through comparison with something else
- synonym: comparative, proximate, congeneric
- (1) a remote **relative**, (2) **relative** factors

Most countries prohibit sexual activity between certain close relatives.

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

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the brain

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

unfortunately

adv. by bad luck; unluckily

synonym: regrettably, unluckily, alas

(1) **unfortunately** caught in a shower, (2) even more **unfortunately**

The treatments were done but, **unfortunately**, were unsuccessful.

underground

adj. under the surface of the ground; a secret group organized to achieve a specific purpose, such as overthrowing the government or occupying a force

synonym: subterranean, subsurface, confidential

(1) water flowing **underground**, (2) **underground** activist Having **underground** parking has been very beneficial throughout the winter.

shifting

adj. constantly changing or moving

synonym: unfirm, shifty, fluctuating

(1) **shifting** balance, (2) continuously **shifting** landscape Trends in the fashion industry are so **shifting** that it is challenging to keep up with them.

normally

adv. usually; under normal conditions

synonym: commonly, generally, naturally

(1) complete **normally**, (2) not **normally** drink muchI don't **normally** take a vacation in the middle of summer.

flaw

n. a fault, mistake, or weakness that causes something not to be perfect

synonym: defect, fault, imperfection

(1) a minor **flaw**, (2) the **flaw** in the legislation

Even the slightest design **flaw** in an aircraft can lead to a fatal accident.

sink

v. to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else

synonym: descend, drop, plummet

(1) **sink** a lot of capital, (2) **sink** a buzzer-beater The abandoned ship slowly began to **sink** into the murky waters of the harbor.

halt

v. to bring or come to a stop; to force to stop moving or operating

synonym: stop, cease, terminate

(1) halt production, (2) halt progress

The train came to a **halt** at the station.

descend

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.

prolong

v. to extend the duration or length of something, particularly a period of time or an event

synonym: extend, lengthen, stretch

(1) **prolong** the agony, (2) measures to **prolong** the lifespan

We need to **prolong** the meeting for another hour to discuss all the issues.

warfare

 the use of military force to achieve political, economic, or social objectives

synonym: combat, fighting, conflict

(1) warfare aircraft, (2) spiritual warfare

The country has been engaged in a prolonged conflict, with both sides using modern **warfare** tactics.

pause

v. to take a short break from talking or doing something before continuing

synonym: halt, break, intermit

(1) **pause** a moment, (2) **pause** for a reaction

The man **paused** before opening the door.

soil

n. the top layer of Earth in which plants grow

synonym: earth, ground, mud

(1) **soils** retentive of moisture, (2) parched **soil**

Soil moisture is another significant component controlling soil respiration.

settle

v. to reach an agreement of disagreement

synonym: inhabit, occupy, decide

(1) **settle** a dispute, (2) **settle** down in the town

I don't want to **settle** for second best.

slightly

adv. in a small degree or extent; a little

synonym: barely, narrowly, scarcely

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

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

compensate

v. to make up for a loss, injury, or inconvenience by giving something of value

synonym: reimburse, pay, recompense

(1) **compensate** a loss, (2) **compensate** for a car accident

The company offered to **compensate** the employees for the overtime they worked.

masonry

 the art or work of constructing buildings, walls, or other structures from carefully shaped and arranged blocks of stone, brick, or other materials

synonym: brickwork, stonework, bricklaying

(1) masonry wall, (2) masonry restoration

The cathedral's **masonry** sculptures were intricately carved and carefully placed.

chamber

 a large room used for a formal, public, or particular purpose; one of the parts of a parliament

synonym: association, cabin, legislature

(1) a gas chamber, (2) the lower chamber

The surgeon made an incision in the **chambers** of the patient's heart.

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.

strategy

 a detailed plan of action designed to achieve a long-term or overall goal.

synonym: approach, procedure, scenario

(1) military strategy, (2) develop a strategy

Our plan includes a comprehensive marketing **strategy**.

walkway

 a path or trail for people to walk on, typically in a park or garden

synonym: pathway, footpath, trail

(1) install a walkway, (2) walkway bridge

The **walkway** through the park was a popular spot for joggers and walkers.

examine

v. to study or consider a person or object attentively and thoroughly to learn something about them

synonym: study, probe, analyze

(1) **examine** the data studiously, (2) **examine** the issue Initially, we must **examine** all project-related expenses.

worsen

v. to become or make something worsesynonym: languish, degenerate, degrade

(1) **worsen** a relation, (2) **worsen** the food problem Unilateral import bans have **worsened** that country's terms of

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trade.

corps

 a large group of people trained and organized for a particular purpose, such as the military or a performing arts troupe

synonym: body, group, organization

(1) airborne **corps**, (2) **corps** artillery

The **corps** arrived at the front lines just in time to reinforce the exhausted soldiers.

inject

 to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

synonym: shoot, infiltrate, insinuate

(1) **inject** under the skin, (2) **inject** a personal opinion into a debate

Let's try to **inject** a bit of enthusiasm into your performance.

mortar

 a mixture of cement, sand, and water used for binding building materials together; a heavy, deep bowl used to pound or grind substances

synonym: howitzer, cement mixer, masonry tool

(1) mortar joints, (2) apply mortar

The bricklayer started on the second course of bricks, laying them in fresh **mortar**.

strengthen

v. to become stronger or more effective; to make someone or something stronger or more effective

synonym: reinforce, harden, boost

(1) **strengthen** the immune system, (2) **strengthen** a border patrol

Difficulties **strengthen** the mind, as labor does the body.

evenly

adv. in equal amounts or shares; in a balanced or impartial way

synonym: constantly, smoothly, equally

(1) evenly colored, (2) almost evenly divided

This product can spread the cement **evenly**.

distribute

tip

v. to give something to a large number of individuals, or to spread or furnish something

synonym: broadcast, disperse, hand out

- (1) **distribute** wealth evenly, (2) **distribute** video content His estate was **distributed** to his sons.
- n. the top or extreme point of something slender or tapering, usually a mountain or hill; a piece of advice about something practical; a small amount of money given for services

synonym: edge, advice, gratuity

(1) the tip of a paintbrush, (2) give the waiter a tip.I will introduce some tips on learning English in this class.

definitive

adj. serving to provide a final solution or to end a situation; final and not able to be changed

synonym: conclusive, final, decisive

(1) **definitive** answer, (2) a **definitive** edition

The study provided **definitive** proof of the effectiveness of the new drug.

composition

 the different parts of something's elements or ingredients; the way in which the different components are organized; a piece of music written by someone

synonym: creating, formatting, arrangement

(1) age **composition** of the population, (2) the piano passages in the **composition**

Their innovative concepts were consistent across their bodies of **composition**.

pinpoint

v. to locate or identify the exact position in space or time of something

synonym: name, direct, identify

(1) **pinpoint** the problem, (2) **pinpoint** signs of manipulation This radar quickly **pinpoints** the position of the enemy.

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devise

v. to come up with an idea, plan, theory, etc., using your intelligence or imagination

synonym: create, concoct, invent

(1) devise a plan, (2) devise a literary plot

They had to **devise** a system that did not depend on fossil fuels.

develop

v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

synonym: evolve, progress, advance

(1) **develop** a strategy, (2) **develop** a skill

We must **develop** a new system to streamline our workflow and increase efficiency.

identify

v. to recognize someone or something and say or prove who or what they are

synonym: determine, specify, recognize

(1) **identify** handwriting, (2) **identify** gene sequences I will introduce you to how to **identify** the leading causes of the malfunction.

variable

adj. likely to change or vary often; (noun) a symbol, like x or y, that is used in mathematical or logical expressions to represent a value that may be changed

synonym: erratic, inconsistent, irregular

(1) a **variable** species, (2) a dependent **variable** Rainfall in the tropics is highly **variable**.

calculated

 adj. done with careful thought or planning; deliberate and intentional; based on a process of reasoning or estimation rather than on instinct or chance

synonym: premeditated, willful, deliberate

(1) calculated bankruptcy, (2) calculated crime

The company made a calculated decision to invest in new

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technology.

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.

gravity

 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**.

compute

v. to make a mathematical calculation

synonym: calculate

(1) **compute** an average score, (2) **compute** the value I tried to **compute** the efficiency of the investment.

stiff

adj. not easily bent, flexible, or pliable; difficult to move or be maneuvered; difficult to relax; having a heavy or formal manner

synonym: rigid, inflexible, unbending

(1) stiff muscles, (2) stiff penalty

Her body felt **stiff** after sitting at her desk for hours without moving.

trajectory

the curved path followed by an object moving through space

synonym: course, curve, orbit

(1) career trajectory, (2) a trajectory missile

The company has shown an excellent growth **trajectory** over the years.

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excavation

n. the act or process of removing soil, rock, or other material to reveal or extract something, such as an archaeological site or underground structure, or the hole or area created by this process

synonym: digging, mining, unearthing

(1) fossil excavation, (2) excavation work

The archaeological **excavation** of the site revealed many artifacts from the ancient civilization.

drill

 a tool or machine used for making round holes or driving fasteners; a training or practice

synonym: exercise, routine, training

(1) the **drill** hit the well, (2) fire **drill**

Several military **drill** programs have become popular methods of exercise.

diagonal

adj. at an angle or slant; (noun) a line that runs across a surface or figure at an angle

synonym: oblique, sloping, slanting

(1) diagonal pattern, (2) place at a diagonal

The **diagonal** cut of the skirt added movement and flair to the outfit.

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.

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.

temporarily

adv. for a limited time only or not permanently

synonym: for a time

(1) a hut made **temporarily**, (2) **temporarily** suspend the production

Some athletes take anabolic steroids to increase muscle size **temporarily**.

counterbalance

v. to offset or balance the effect of something by applying an equal or opposite force or effect; to provide a counteracting or balancing influence for something; (noun) a weight or force that is used to balance or offset another weight or force

synonym: offset, counteract, neutralize

- (1) **counterbalance** the seriousness of the topic,
- (2) counterbalance the effects

The heavyweights on one end of the scale **counterbalanced** the lighter weights on the other end.

ingot

 a solid block of metal or alloy that has been cast or formed into a convenient shape for storage, transportation, or further processing

synonym: bar, block, brick

(1) aluminum ingot, (2) gold ingot

The foundry worker poured the molten metal into an **ingot** mold to create a solid metal bar.

anchor

 a device, typically made of metal, that is used to moor a ship or boat in a particular place, typically by being dropped to the seabed; a central cohesive source of support and stability

synonym: mainstay, ballast, backbone

(1) anchor bolt, (2) anchor weight

The ship dropped **anchor** in the bay.

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.

cable

 a set of wires covered by plastic or rubber that carries electricity, phone signals, etc.; a solid thick rope made of twisted hemp or steel wire

synonym: wire, cord, rope

(1) cable television, (2) coaxial cable

This system uses submarine **cables** to exchange information between continents.

feat

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

synonym: achievement, accomplishment, exploit

(1) intellectual feat, (2) feat accomplishmentIt is an incredible feat to climb Mount Everest, the highest

mountain in the world.

monument

n. a statue, building, or other structure erected to commemorate a person or event

synonym: memorial, marker, statue

(1) humanity's **monument**, (2) **monument** honoring
The stone **monument** was built to commemorate the war heroes.

imperfectly

adv. in a faulty or incomplete waysynonym: amiss, insufficiently, clumsily

(1) **imperfectly** developed, (2) **imperfectly** known disease He created an **imperfectly** shaped torso.

Session 2: Spelling

٦.	not noiy drink much	aav.	usually; under normal conditions
2.	diste video content	<i>v</i> .	to give something to a large number of individuals, or to spread or furnish something
3.	a magnt mountain	adj.	extremely beautiful and impressive; grand or noble in thought or deed
4.	may wall	n.	the art or work of constructing buildings, walls, or other structures from carefully shaped and arranged blocks of stone, brick, or other materials
5.	cuc structure	adj.	having the shape of a cube or being of three dimensions; measured in units that are the third power of a linear unit
6.	mame trade	adj.	relating to or connected with the sea, especially about shipping, navigation, or commercial activity
7.	water flowing undnd	adj.	under the surface of the ground; a secret group organized to achieve a specific purpose, such as overthrowing the government or occupying a force
8.	caal choir	n.	the main Christian church of a bishop's diocese, which is often the largest and most important church in the area
9.	couct the effect of poison	<i>v</i> .	to act against something to reduce its bad or harmful effects or neutralize it
10.	age comon of the population	n.	the different parts of something's elements or ingredients; the way in which the different components are organized; a piece of music written by someone

ANSWERS: 1. normally, 2. distribute, 3. magnificent, 4. masonry, 5. cubic, 6. maritime, 7. underground, 8. cathedral, 9. counteract, 10. composition

11. a tra____ry missile the curved path followed by an object n. moving through space 12. ex e the issue to study or consider a person or object ν. attentively and thoroughly to learn something about them 13. fire dr I a tool or machine used for making n. round holes or driving fasteners; a training or practice 14. bachelor's de e a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment adj. having a noticeably small amount of 15. a l n horse body fat; (verb) to bend or move from a straight to a sloping posture 16. de e a literary plot to come up with an idea, plan, theory, etc., using your intelligence or imagination adj. at an angle or slant; (noun) a line that 17. place at a di al runs across a surface or figure at an angle 18. mo nt honoring a statue, building, or other structure erected to commemorate a person or event 19. s_k a lot of capital to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid

ANSWERS: 11. trajectory, 12. examine, 13. drill, 14. degree, 15. lean, 16. devise, 17. diagonal, 18. monument, 19. sink

substance or sink into something else

20.	mor joints	n.	a mixture of cement, sand, and water used for binding building materials together; a heavy, deep bowl used to pound or grind substances
21.	idfy handwriting	<i>v</i> .	to recognize someone or something and say or prove who or what they are
22.	the tor on a cliff	n.	a structure that is exceptionally high in proportion to its width and either forms part of a building or stands alone
23.	even more unfely	adv.	by bad luck; unluckily
24.	a reckless att	n.	an act or effort of trying to do something, especially something difficult
25.	intellectual ft	n.	a notable or impressive achievement, especially one that requires great skill or bravery
26.	see down in the town	<i>v</i> .	to reach an agreement of disagreement
27.	pint the problem	<i>v</i> .	to locate or identify the exact position in space or time of something
28.	we are stped with the problem	ν.	to cause to be perplexed or confused; (noun) the base part of a tree that remains standing after the tree has been felled
29.	financial crs	n.	a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
30.	caal school	n.	the main Christian church of a bishop's diocese, which is often the largest and most important church in the area

ANSWERS: 20. mortar, 21. identify, 22. tower, 23. unfortunately, 24. attempt, 25. feat, 26. settle, 27. pinpoint, 28. stump, 29. crisis, 30. cathedral

- 31. cr__t manufacture
- 32. pa__e for a reaction
- 33. tu___I disease
- 34. the t_p of a paintbrush
- 35. cou____nce the effects

- 36. an___t stories
- 37. a va____le species
- 38. snow d e
- 39. as nu___us as the sand

- n. an activity that requires a particular skill in making things with one's hands
- v. to take a short break from talking or doing something before continuing
- *n.* an underground or underwater passage, typically for trains or cars
- n. the top or extreme point of something slender or tapering, usually a mountain or hill; a piece of advice about something practical; a small amount of money given for services
- v. to offset or balance the effect of something by applying an equal or opposite force or effect; to provide a counteracting or balancing influence for something; (noun) a weight or force that is used to balance or offset another weight or force
- adj. relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
- adj. likely to change or vary often; (noun) a symbol, like x or y, that is used in mathematical or logical expressions to represent a value that may be changed
- a rounded vault forming the roof of a building or structure, typically with a circular base
- adj. amounting to a large indefinite number

ANSWERS: 31. craft, 32. pause, 33. tunnel, 34. tip, 35. counterbalance, 36. ancient, 37. variable, 38. dome, 39. numerous

adj. having a noticeably small amount of 40. I n athletic figure body fat; (verb) to bend or move from a straight to a sloping posture a collection of objects positioned one on 41. a sand p e n. top of another; a large sum of something, such as money an activity that requires a particular skill 42. cr t arts of Japan n. in making things with one's hands 43. to e off a ledge to cause to lose balance and fall over, especially by pushing 44. airborne co__s a large group of people trained and organized for a particular purpose, such as the military or a performing arts troupe the way of construction of something 45. the st re of a machine n. and the arrangement of its parts, or a complex thing constructed of many parts the top or extreme point of something 46. give the waiter a t p. n. slender or tapering, usually a mountain or hill; a piece of advice about something practical; a small amount of money given for services 47. st____ze blood sugar levels to become or cause to become steady ν . or unlikely to give way 48. a gas ch____r a large room used for a formal, public, n. or particular purpose; one of the parts of a parliament 49. sl ly alkaline soils adv. in a small degree or extent; a little

ANSWERS: 40. lean, 41. pile, 42. craft, 43. topple, 44. corps, 45. structure, 46. tip, 47. stabilize, 48. chamber, 49. slightly

50.	continuously shng landscape	adj.	constantly changing or moving
51.	imply developed	adv.	in a faulty or incomplete way
52.	won a relation	<i>v</i> .	to become or make something worse
53.	historic cale	n.	a bell tower, often a detached part of a larger building, contains one or more bells and is typically associated with a church or cathedral
54.	matter of ury	<i>n</i> .	the quality of being very important and needing to be dealt with immediately
55.	caled bankruptcy	adj.	done with careful thought or planning; deliberate and intentional; based on a process of reasoning or estimation rather than on instinct or chance
56.	the att to rescue the hostages	n.	an act or effort of trying to do something, especially something difficult
57.	cos artillery	n.	a large group of people trained and organized for a particular purpose, such as the military or a performing arts troupe
58.	s_k a buzzer-beater	ν.	to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else
59.	landscape arct	n.	a person whose job is to design plans to be used in making something, such as buildings

ANSWERS: 50. shifting, 51. imperfectly, 52. worsen, 53. campanile, 54. urgency, 55. calculated, 56. attempt, 57. corps, 58. sink, 59. architect

- 60. de___e a plan
- 61. de___e centigrade
- 62. a dependent va____le
- 63. s d dunes

- 64. em____sh a story
- 65. military st____gy
- 66. ma____me law
- 67. pa__e a moment
- 68. st f muscles

- v. to come up with an idea, plan, theory, etc., using your intelligence or imagination
- a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
- adj. likely to change or vary often; (noun) a symbol, like x or y, that is used in mathematical or logical expressions to represent a value that may be changed
- n. finely granulated particles of rock or mineral material typically found along beaches, deserts, or riverbeds; used in construction, landscaping, and other applications requiring drainage or abrasive action
- v. to make something more beautiful, interesting, or attractive by adding decorative details or features; to exaggerate or enhance the truth or significance of something
- n. a detailed plan of action designed to achieve a long-term or overall goal.
- adj. relating to or connected with the sea, especially about shipping, navigation, or commercial activity
- v. to take a short break from talking or doing something before continuing
- adj. not easily bent, flexible, or pliable; difficult to move or be maneuvered; difficult to relax; having a heavy or formal manner

ANSWERS: 60. devise, 61. degree, 62. variable, 63. sand, 64. embellish, 65. strategy, 66. maritime, 67. pause, 68. stiff

- 69. co____e an average score
- 70. a minor f__w
- 71. develop a st____gy
- 72. nu___us countries
- 73. su___e as evidence
- 74. ca__e television
- 75. his social st ng
- 76. in st___e condition
- 77. ma____e amounts
- 78. to___e communist rule
- 79. a gas me__r
- 80. c__y animation

- v. to make a mathematical calculation
- *n.* a fault, mistake, or weakness that causes something not to be perfect
- *n.* a detailed plan of action designed to achieve a long-term or overall goal.
- adj. amounting to a large indefinite number
- v. to be enough or sufficient; to meet the needs or requirements of something or someone; to satisfy or fulfill a purpose
- a set of wires covered by plastic or rubber that carries electricity, phone signals, etc.; a solid thick rope made of twisted hemp or steel wire
- adj. existing or remaining upright; having a vertical position; (noun) social, financial, or professional status or reputation
- adj. firm and steady; not easily moved, disturbed, or changed
- adj. enormous amount; very heavy and solid
- v. to cause to lose balance and fall over, especially by pushing
- a device used to measure the amount of a particular substance or attribute, such as length, volume, or time;
 (prosody) the accent in a metrical foot of verse
- a natural, earthy material that is made up of very small particles of minerals and can be molded when wet and then fired to produce ceramics

ANSWERS: 69. compute, 70. flaw, 71. strategy, 72. numerous, 73. suffice, 74. cable, 75. standing, 76. stable, 77. massive, 78. topple, 79. meter, 80. clay

81.	a magnt plan	adj.	extremely beautiful and impressive; grand or noble in thought or deed
82.	dial pattern	adj.	at an angle or slant; (noun) a line that runs across a surface or figure at an angle
83.	emsh a room	<i>v</i> .	to make something more beautiful, interesting, or attractive by adding decorative details or features; to exaggerate or enhance the truth or significance of something
84.	may restoration	n.	the art or work of constructing buildings, walls, or other structures from carefully shaped and arranged blocks of stone, brick, or other materials
85.	majority of his weh	n.	a large amount of money, property, or other things that someone or an organization owns
86.	reic democracy	n.	a state or country in which the people and their elected representatives hold supreme power and which has an elected or nominated president rather than a monarch
87.	ded by elevator	v.	to move downward and lower; to come from, or to be connected by a relationship of blood
88.	crs management	n.	a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
89.	small chh	n.	a building or institution dedicated to religious worship or activities; a Christian religious organization or denomination

ANSWERS: 81. magnificent, 82. diagonal, 83. embellish, 84. masonry, 85. wealth, 86. republic, 87. descend, 88. crisis, 89. church

- 90. pi___nt signs of manipulation
- 91. su____e to live
- 92. be___k foundation
- 93. de___p a strategy

- 94. co___e the value
- 95. a remote re____ve
- 96. s__d castle

- 97. the lower ch____r
- 98. an___r weight

- v. to locate or identify the exact position in space or time of something
- ν. to be enough or sufficient; to meet the needs or requirements of something or someone; to satisfy or fulfill a purpose
- n. the solid rock underlying soil or alluvium
- v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
- v. to make a mathematical calculation
- adj. considered and evaluated through comparison with something else
- n. finely granulated particles of rock or mineral material typically found along beaches, deserts, or riverbeds; used in construction, landscaping, and other applications requiring drainage or abrasive action
- a large room used for a formal, public, or particular purpose; one of the parts of a parliament
- a device, typically made of metal, that is used to moor a ship or boat in a particular place, typically by being dropped to the seabed; a central cohesive source of support and stability

ANSWERS: 90. pinpoint, 91. suffice, 92. bedrock, 93. develop, 94. compute, 95. relative, 96. sand, 97. chamber, 98. anchor

99.	cou of the topic	nce the seriousness	<i>v</i> .	to offset or balance the effect of something by applying an equal or opposite force or effect; to provide a counteracting or balancing influence for something; (noun) a weight or force tha is used to balance or offset another weight or force
100	. yield 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
101	. stren a	border patrol	ν.	to become stronger or more effective; to make someone or something stronger or more effective
102	. the height of a	a pe	n.	a collection of objects positioned one or top of another; a large sum of something, such as money
103	. the attraction	of 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
104	. install a wa	У	n.	a path or trail for people to walk on, typically in a park or garden
105	. almost ev	y divided	adv.	in equal amounts or shares; in a balanced or impartial way
106	. measures to μ	org the lifespan	v.	to extend the duration or length of something, particularly a period of time or an event
107	. see a disp	oute	v.	to reach an agreement of disagreement

ANSWERS: 99. counterbalance, 100. curve, 101. strengthen, 102. pile, 103. gravity, 104. walkway, 105. evenly, 106. prolong, 107. settle

108.	unf	_ely caught in a shower	adv.	by bad luck; unluckily
109.	medieval ba	ary	n.	a part of a church or other religious building that is specifically set aside for the administration of baptism, often containing a basin or pool of water for immersion or pouring
110.	couc	t global warming	<i>v</i> .	to act against something to reduce its bad or harmful effects or neutralize it
111.	gold int		n.	a solid block of metal or alloy that has been cast or formed into a convenient shape for storage, transportation, or further processing
112.	a civil en	er	n.	a person whose job is designing, building, or maintaining something such as machines, structures, or software
113.	a def	ve edition_	adj.	serving to provide a final solution or to end a situation; final and not able to be changed
114.	tul cons	struction work	<i>n</i> .	an underground or underwater passage, typically for trains or cars
115.	a hut made	temly	adv.	for a limited time only or not permanently
116.	defv	e answer	adj.	serving to provide a final solution or to end a situation; final and not able to be changed
117.	reve f	actors	adj.	considered and evaluated through comparison with something else
118.	memorial p	Ia	n.	a public square, marketplace, or similar open area in a town, especially in Spanish-speaking countries

ANSWERS: 108. unfortunately, 109. baptistry, 110. counteract, 111. ingot, 112. engineer, 113. definitive, 114. tunnel, 115. temporarily, 116. definitive, 117. relative, 118. plaza

119. main pl a a public square, marketplace, or similar n. open area in a town, especially in Spanish-speaking countries the top layer of Earth in which plants 120. parched s | I n. grow 121. en___e a photograph to make something bigger or larger; to ν. become bigger or larger 122. ev___y colored adv. in equal amounts or shares; in a balanced or impartial way 123. the re ic of art a state or country in which the people and their elected representatives hold supreme power and which has an elected or nominated president rather than a monarch to make something bigger or larger; to 124. en e my experience become bigger or larger 125. f t accomplishment a notable or impressive achievement, n. especially one that requires great skill or bravery a measure of the rate at which an 126. low-r v engine n. engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute 127. the f_w in the legislation a fault, mistake, or weakness that causes something not to be perfect 128. sh___ng balance adj. constantly changing or moving 129. humanity's mo____nt a statue, building, or other structure n. erected to commemorate a person or event

ANSWERS: 119. plaza, 120. soil, 121. enlarge, 122. evenly, 123. republic, 124. enlarge, 125. feat, 126. rev, 127. flaw, 128. shifting, 129. monument

130. ener shortage	n.	a person whose job is designing, building, or maintaining something such as machines, structures, or software
131. temly suspend the production	adv.	for a limited time only or not permanently
132. fossil excon	n.	the act or process of removing soil, rock, or other material to reveal or extract something, such as an archaeological site or underground structure, or the hole or area created by this process
133. pre-Christian ant	adj.	relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
134. mae stars	adj.	enormous amount; very heavy and solid
135. govnt bureaucracy	n.	the group of people with authority to control a country or state
136. aluminum int	n.	a solid block of metal or alloy that has been cast or formed into a convenient shape for storage, transportation, or further processing
137. 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
138. poetic mer	n.	a device used to measure the amount of a particular substance or attribute, such as length, volume, or time; (prosody) the accent in a metrical foot of verse

ANSWERS: 130. engineer, 131. temporarily, 132. excavation, 133. ancient, 134. massive, 135. government, 136. ingot, 137. structure, 138. meter

139. apply mo___r a mixture of cement, sand, and water n. used for binding building materials together; a heavy, deep bowl used to pound or grind substances 140. h t production to bring or come to a stop; to force to ν. stop moving or operating a structure that is exceptionally high in 141. a bell to r n. proportion to its width and either forms part of a building or stands alone 142. str____en the immune system to become stronger or more effective; to make someone or something stronger or more effective to incline or bend from a vertical 143. t ta chair ν. position; (noun) the act of inclining or the state of being inclined or leaning to one side 144. s__ls retentive of moisture the top layer of Earth in which plants n. grow a bell tower, often a detached part of a 145. the top of the ca n. larger building, contains one or more bells and is typically associated with a church or cathedral 146. increase sl____ly adv. in a small degree or extent; a little 147. a la___rk discovery a notable or important event, place, or achievement; a significant object or feature that serves as a reference point 148. ch___h bell a building or institution dedicated to n. religious worship or activities; a Christian religious organization or denomination

ANSWERS: 139. mortar, 140. halt, 141. tower, 142. strengthen, 143. tilt, 144. soil, 145. campanile, 146. slightly, 147. landmark, 148. church

149. bek geology	n.	the solid rock underlying soil or alluvium
150. won the food problem	v.	to become or make something worse
151. way bridge	n.	a path or trail for people to walk on, typically in a park or garden
152. soft cy ground	n.	a natural, earthy material that is made up of very small particles of minerals and can be molded when wet and then fired to produce ceramics
153. career trary	n.	the curved path followed by an object moving through space
154. coct a dam	ν.	to build or create something; to assemble or combine different parts to form something whole
155. int a personal opinion into a debate	v.	to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
156. exe the data studiously	v.	to study or consider a person or object attentively and thoroughly to learn something about them
157. the drI hit the well	n.	a tool or machine used for making round holes or driving fasteners; a training or practice
158. coaxial cae	n.	a set of wires covered by plastic or rubber that carries electricity, phone signals, etc.; a solid thick rope made of twisted hemp or steel wire
159. comte for a car accident	ν.	to make up for a loss, injury, or inconvenience by giving something of value

ANSWERS: 149. bedrock, 150. worsen, 151. walkway, 152. clay, 153. trajectory, 154. construct, 155. inject, 156. examine, 157. drill, 158. cable, 159. compensate

of

	rotations per minute
adj.	done with careful thought or planning; deliberate and intentional; based on a process of reasoning or estimation rather than on instinct or chance
adv.	usually; under normal conditions
adj.	firm and steady; not easily moved, disturbed, or changed
n.	a part of a church or other religious building that is specifically set aside for the administration of baptism, often containing a basin or pool of water for immersion or pouring
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
ν.	to incline or bend from a vertical position; (noun) the act of inclining or the state of being inclined or leaning to one side
n.	a large amount of money, property, or other things that someone or an organization owns
ν.	to cause to be perplexed or confused; (noun) the base part of a tree that remains standing after the tree has been felled
	n. n. n.

steel, 166. tilt, 167. wealth, 168. stump

169. dep a skill	v.	to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
170. excon work	n.	the act or process of removing soil, rock, or other material to reveal or extract something, such as an archaeological site or underground structure, or the hole or area created by this process
171. govnt funding	n.	the group of people with authority to control a country or state
172. ent for a soldier	<i>v</i> .	to sign up to serve in the military or a particular organization
173. diste wealth evenly	<i>v</i> .	to give something to a large number of individuals, or to spread or furnish something
174. undnd activist	adj.	under the surface of the ground; a secret group organized to achieve a specific purpose, such as overthrowing the government or occupying a force
175. comte a loss	ν.	to make up for a loss, injury, or inconvenience by giving something of value
176. ded a steep hill	ν.	to move downward and lower; to come from, or to be connected by a relationship of blood
177. historical lark	n.	a notable or important event, place, or achievement; a significant object or feature that serves as a reference point

ANSWERS: 169. develop, 170. excavation, 171. government, 172. enlist, 173. distribute, 174. underground, 175. compensate, 176. descend, 177. landmark

178. coct a 3D image	v.	assemble or combine different parts to form something whole
179. ht progress	<i>v</i> .	to bring or come to a stop; to force to stop moving or operating
180. stze prices	<i>v</i> .	to become or cause to become steady or unlikely to give way
181. imply known disease	adv.	in a faulty or incomplete way
182. ent in a cause	<i>v</i> .	to sign up to serve in the military or a particular organization
183. 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
184. m_d wall	n.	a soft, wet, sticky earth or clay
185. stng water	adj.	existing or remaining upright; having a vertical position; (noun) social, financial, or professional status or reputation
186. may ground	adj.	characterized by the presence of low-lying, waterlogged areas of land that are often covered by tall grasses or other vegetation; of or relating to areas near wetlands, swamps, or estuaries
187. de structure	n.	a rounded vault forming the roof of a building or structure, typically with a circular base
188. stf penalty	adj.	not easily bent, flexible, or pliable; difficult to move or be maneuvered; difficult to relax; having a heavy or

ANSWERS: 178. construct, 179. halt, 180. stabilize, 181. imperfectly, 182. enlist, 183. curve, 184. mud, 185. standing, 186. marshy, 187. dome, 188. stiff

formal manner

a device, typically made of metal, that is 189. an r bolt n. used to moor a ship or boat in a particular place, typically by being dropped to the seabed; a central cohesive source of support and stability to put a liquid such as a drug or other 190. in___t under the skin ν. substance into a person's or an animal's body using a needle and syringe (= small tube) 191. st | beam 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 192. ma___y soil adj. characterized by the presence of low-lying, waterlogged areas of land that are often covered by tall grasses or other vegetation; of or relating to areas near wetlands, swamps, or estuaries 193. id fy gene sequences to recognize someone or something ν. and say or prove who or what they are 194. ar____ct of the peace accord a person whose job is to design plans to n. be used in making something, such as buildings 195. m d volcano a soft, wet, sticky earth or clay n. 196. ur___y in the use of force the quality of being very important and n. needing to be dealt with immediately 197. pr___g the agony to extend the duration or length of ν. something, particularly a period of time or an event

ANSWERS: 189. anchor, 190. inject, 191. steel, 192. marshy, 193. identify, 194. architect, 195. mud, 196. urgency, 197. prolong

- 198. wa____e aircraft
 199. preserve my gr___y
 200. cu__c meter
 201. spiritual wa___e
 202. the piano passages in the com____on
- *n.* the use of military force to achieve political, economic, or social objectives
- 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
- adj. having the shape of a cube or being of three dimensions; measured in units that are the third power of a linear unit
- the use of military force to achieve political, economic, or social objectives
- n. the different parts of something's elements or ingredients; the way in which the different components are organized; a piece of music written by someone

ANSWERS: 198. warfare, 199. gravity, 200. cubic, 201. warfare, 202. composition

Session 3: Fill in the Blanks

1.	The abandoned ship slowly began to into the murky waters of the harbor.
v.	to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else
2.	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
3.	I decided to the plain white dress with some colorful accessories.
v.	to make something more beautiful, interesting, or attractive by adding decorative details or features; to exaggerate or enhance the truth or significance of something
4.	The will repair my telephone tomorrow morning.
n.	a person whose job is designing, building, or maintaining something such as machines, structures, or software
5.	She departed hurriedly because of some significant in their affairs.
n.	the quality of being very important and needing to be dealt with immediately
6.	He created an shaped torso.
adv	in a faulty or incomplete way
7.	Even the slightest design in an aircraft can lead to a fatal accident.
n.	a fault, mistake, or weakness that causes something not to be perfect
AN: flav	SWERS: 1. sink, 2. crisis, 3. embellish, 4. engineer, 5. urgency, 6. imperfectly, 7.

ANSWERS: 22. halt, 23. strategy, 24. ancient, 25. slightly, 26. enlarge, 27. unfortunately, 28. compute, 29. paused, 30. government, 31. examine

46. architect, 47. corps

ANSWERS: 72. toppled, 73. cubic, 74. dome, 75. rev, 76. composition, 77. counteract, 78. tips, 79. plaza