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Vocabulary Builder Reference from...

Lucy King: How bees can keep the peace between elephants and humans | TED Talk https://www.ted.com/talks/lucy_king_how_bees_can_keep_the_peace_between_elephants_and_humans



All Words

IMPORTANT

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Session 1: Word List

awe

 a feeling of respect and wonder inspired by someone or something greatly admired

synonym: wonder, amazement, reverence

(1) a feeling of **awe**, (2) in **awe** of the situation

The **awe-inspiring** mountains dominate the landscape.

mammal

- any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
- (1) a primitive **mammal**, (2) a sort of **mammal**Marine **mammal** populations are declining worldwide due to ocean pollution.

planet

 any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

synonym: earth, world, globe

(1) **planet** like the Earth, (2) save the **planet** Mercury is the closest **planet** to the sun.

weigh

 to have a particular weight; to carefully evaluate things before making a conclusion

synonym: consider, cogitate, count

(1) **weigh** heavily on stock prices, (2) **weigh** a cargo The baby **weighs** 1 pound 3 oz.

disperse

v. to spread out or distribute over a broad region, or to cause something to do so

synonym: dissipate, spread, scatter

(1) **disperse** false information, (2) **disperse** the protesters Before authorities **dispersed** the protesters, they yelled slogans.

vital

adj. necessary for the success or continued existence of something

synonym: critical, crucial, invigorating

(1) play a **vital** role, (2) **vital** for a healthy society Perseverance and optimism are **vital** to success.

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.

compassionate

adj. feeling or showing sympathy and concern for the suffering or bad luck of others

synonym: empathetic, sympathetic, merciful

(1) a **compassionate** heart, (2) **compassionate** leave My father has a serious and **compassionate** personality.

complexity

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

synonym: intricacy, sophistication, elaboration

(1) cognitive **complexity**, (2) **complexity** theory

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

matriarch

 a woman who is the head of a family or social group; a woman who is the founder or dominant member of a group

synonym: leader, head, founder

(1) ruled by a **matriarch**, (2) **matriarch** figure

The **matriarch** of the family was known for her wisdom and guidance.

nurture

v. to take care of, feed, and protect someone or something while they are growing and developing

synonym: boost, cultivate, enable

(1) **nurture** love, (2) **nurture** his talents

Schools should **nurture** children's mutual interest spirit.

navigate

v. to plan and direct the way that a ship, plane, etc. will travel, often by using a map

synonym: guide, helm, voyage

(1) **navigate** the Pacific, (2) **navigate** through a document Our knowledge helps **navigate** our clients successfully.

bush

 a plant growing thickly with many small branches and several stiff stems coming up from the root

synonym: copse, scrub, brushwood

(1) trees and **bushes**, (2) a **bush** of hair I am going to trim this **bush** off.

tease

 to make fun of someone or make jokes about them, either in a playful way or to upset them; to separate the fibers of something; to ruffle a person's or animal's hair by combing

synonym: bully, annoy, provoke

(1) tease the children, (2) tease wool

This ad is intended to **tease** a competing product.

communicate

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

synonym:

convey, share, transmit

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

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

verbalize

v. to articulate or express verbally; to put something into words or speech; to speak out loud

synonym: articulate, express, utter

verbalize thoughts, (2) verbalize emotions
 Sometimes it isn't easy to verbalize exactly how we feel.

dialect

 a form of a language that is spoken in a particular geographical area or by a particular group of people and has distinguishing characteristics

synonym: accent, language, vernacular

(1) a local dialect, (2) minority dialect

The **dialect** spoken in the region differed from other parts of the country.

landscape

an expanse of scenery that can be seen in a single view;
 a large area of land, especially in the country and
 relating to its appearance

synonym: geography, terrain, topography

(1) a peaceful **landscape**, (2) **landscape** painting Recent electoral shocks have shaken the political **landscape** in Europe.

emotional

adj. relating to people's feelings

synonym: affecting, impactful, impressive

(1) emotional health, (2) emotional distress

Human **emotional** responses vary widely depending on the society to which they belong.

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.

documentary

 a film or a radio or television program that gives facts and information about a subject; of or derived from official documents

synonym: film, broadcast, doco

(1) a **documentary** film, (2) **documentary** proof He won an award for that short **documentary**.

intelligence

n. the ability to learn, comprehend, or make judgments or conclusions based on reasons

synonym: brains, brightness, cleverness

(1) an **intelligence** test, (2) field of artificial **intelligence** In terms of **intelligence**, he was head and shoulders above his classmates.

safari

 an expedition, usually with a guide, for viewing or hunting wild animals, especially in Africa

synonym: expedition, journey, exploration

(1) safari adventure, (2) safari park

Going on a **safari** to see wild animals up close is a unique experience.

utterly

adv. completely or absolutely

synonym: absolutely, completely, perfectly

(1) utterly changed, (2) utterly ignorant

We are **utterly** opposed to any form of terrorism.

terrify

v. to frighten someone very much

synonym: unnerve, scare, horrify

(1) **terrify** people, (2) the threats **terrify** him

It would be best not to **terrify** your associates into doing complex tasks.

ford

 a shallow place in a river or stream where it is possible to walk or drive across

synonym: crossing, traversing, passing

(1) ford a river, (2) across a ford

The river was too deep to cross, so we had to find a **ford** downstream where the water was shallower.

estate

n. a large piece of land with an impressive house on it, often owned by a wealthy family; all of a person's possessions and assets at the time of their death; an area of land considered as a unit in terms of ownership, use or taxation

synonym: property, domain, land

(1) estate agent, (2) real estate transaction

The wealthy businessman left his entire **estate** to his children when he died.

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.

reserve

v. to keep something for future use or contingency; to obtain or arrange something, such as a meeting, seat, etc., in advance

synonym: keep, hold, preserve

(1) **reserve** the right, (2) **reserve** a concert ticket You can easily **reserve** seats over the telephone.

heaven

n. (of various religious and mythological traditions) a place or state of existence considered to be the abode of the divine, the afterlife, or a higher realm of being; a state of great happiness, contentment, or beauty

synonym: paradise, nirvana, utopia

(1) ascend to **heaven**, (2) **heaven** on earth

He felt like **heaven** when he tasted the delicious chocolate

cake.

bud

 a small swelling on a plant stem or twig containing an undeveloped shoot

synonym: shoot, sprout, germ

(1) pinch off a bud, (2) bud grafting

The flower was starting to show its **bud** and would soon bloom into a beautiful blossom.

zoology

- n. the scientific study of animals, including their classification, habits, behavior, physiology, and evolution synonym: animal science, biology, zoography
- zoology book, (2) zoology professor
 She's studying zoology at university and hopes to work at a

zoo someday.

fence

- a structure, usually made of wood or metal, that encloses an area, typically for protection or to keep animals or people in or out; a dealer in stolen property
 synonym: barrier, wall, hedge
- (1) fence post, (2) a brushwood fence

She planted a hedge to serve as a natural **fence** around her garden.

divisive

adj. tending to cause disagreement or hostility between people

synonym: polarizing, contentious, disagreeable

(1) **divisive** question, (2) suppress **divisive** arguments
The proposed policy has been met with **divisive** reactions
from the public.

communal

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

synonym: collaborative, combined, collective

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

Communal elections were held in several European countries.

vast

adj. enormous in size, number, amount, or quantity *synonym*: expansive, extended, boundless

(1) vast majority, (2) vast desert

A vast audience viewed the broadcast.

instinctively

adv. as a matter of nature or intuition rather than thought or training

synonym: inherently, intuitively, naturally

(1) **instinctively** grabbed the knife, (2) **instinctively** bad with children

Some researchers claim that even humans can **instinctively** sense earthquakes.

nation

 a large organized community of people living in a particular country or region and having a particular culture

synonym: country, state, sovereign entity

(1) **nation-state**, (2) a seafaring **nation**

The **nation** of Japan is known for its unique culture and advanced technology.

coexist

v. to live or exist together at the same time in the same place

synonym: cohabit, accompany, synchronize

(1) **coexist** with nature, (2) **coexist** with diversity

The different species can **coexist** in the same ecosystem by filling different niches and using different resources.

urge

v. to spur on or encourage someone, especially by cheers and shouts; (noun) a strong desire or impulse, especially one that is difficult to control or resist

synonym: push for, advise, (noun) impulse

(1) urge a total ban, (2) a sexual urge

The lobbyist **urged** Congress not to approve the measure.

ivory

 a hard, creamy-white substance that comes from the tusks of elephants, walruses, and some other animals and is used to make ornaments and other decorative items

synonym: elephant tusk, bone, tooth

(1) tower of ivory, (2) ivory carving

The intricate carvings on the **ivory** tusk were a work of art.

horrific

adj. causing horror or disgust; gruesome and terrifying synonym: terrifying, alarming, shocking

(1) horrific experience, (2) horrific condition

The accident scene was **horrific**, with bodies and debris scattered everywhere.

ongoing

adj. continuing to exist or develop, or currently happening *synonym*: continuous, current, proceeding

(1) still **ongoing**, (2) **ongoing** support

The new prime minister has vowed to take measures against the **ongoing** economic crisis.

conflict

- a strong disagreement, argument, or a violent clash between two opposing groups or individuals
 synonym: clash, discord, competition
- (1) the **conflict** between good and evil, (2) the longstanding **conflict**

He and I often had **conflicts**, not only in personality but also in ideology.

pachyderm

- n. a type of large mammal with thick skin, such as an elephant, rhinoceros, or hippopotamussynonym: elephant, rhinoceros, hippopotamus
- (1) **pachyderm** species, (2) **pachyderm** habitat The African savanna is home to many magnificent **pachyderms**, including elephants and rhinos.

compete

v. to strive to achieve more success than someone or something

synonym: contend, contest, vie

(1) **compete** against a friend, (2) **compete** fiercely You must **compete** with others to obtain this position.

roam

 to move about or travel aimlessly or without a fixed destination; to wander

synonym: wander, ramble, meander

(1) **roam** freely, (2) **roam** the countryside I love to **roam** around the city and discover new neighborhoods.

quadruple

- v. to consist of four items or people; to become four times as great or many
- (1) **quadruple** the amount, (2) **quadruple** the price of gold His stock earnings **quadrupled**.

fragment

- n. a small piece or part broken off or detachedsynonym: piece, shard, segment
- (1) **fragment** of a text, (2) a broken **fragment**The archaeologist carefully pieced together the tiny **fragments** of pottery found at the dig site.

pace

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

synonym: gait, rate, speed

at your own pace, (2) the runner's pace
 The economy is growing at a supercharged pace.

migrate

v. to move from one country or region to another and settle there; to move from one place to another periodically or seasonally

synonym: relocate, emigrate, roam

(1) migrate across borders, (2) migrate a serviceMany Germans migrated to South America in the mid-19th

century.

stick

v. to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material

synonym: pierce, adhere, stay

(1) **stick** a key in a lock, (2) fire **stick**

You **stick** a bill in the change machine, and the coins pop out.

rip

- v. to tear something or be torn violently or suddenly synonym: tear, cut, slit
- (1) **rip** a notebook apart, (2) **rip** a hole in the roof During transit, the stuff may **rip** off the luggage tag.

mud

- n. a soft, wet, sticky earth or claysynonym: muck, sludge, ooze
- (1) mud wall, (2) mud volcano

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

hut

- n. a small, simple, and often crude shelter or dwelling, typically made of natural materials such as wood or mudsynonym: shack, cabin, cottage
- (1) shepherd's hut, (2) fishing hut

The little girl lived in a small hut in the woods with her family.

trunk

- n. the main stem or body of a tree which its branches grow synonym: body, chest, torso
- (1) the **trunk** of the tree, (2) the **trunk** of the body Destructive fungi thrive in moist environments, such as those seen in wounds on the **trunk**.

pitch

 the property of sound that varies with variation in the frequency of vibration; the degree of a slope, especially of a roof; short presentation for selling or sharing

something

synonym: angle, gradient, slope

(1) make a **pitch** for a new product, (2) a low- **pitched** sound

Her voice gradually increased in pitch.

trample

v. to step heavily on something or someone, causing damage or injury

synonym: tread, stomp, crush

(1) **trample** down his feelings, (2) **trample** on the rights The plants in this garden are precious, so you must not **trample** them.

crop

 a plant that is cultivated in large amounts, particularly for food

synonym: output, produce, product

(1) crop field, (2) crop herbicide

Sow early for an early crop.

traditionally

adv. in accordance with tradition; typically or commonly done in a particular way

synonym: conventionally, commonly, generally

(1) **traditionally** accepted concept, (2) **traditionally** sung at a banquet

Traditionally, the ceremony was held outdoors.

erode

v. to gradually wear away or break down (rock, soil, or other material) through the action of wind, water, or other natural agents; to gradually weaken or undermine (something) over time

synonym: wear away, deteriorate, corrode

(1) **erode** coast, (2) **erode** trust

The ongoing budget cuts have **eroded** the quality of education in many schools.

tolerance

n. the willingness to accept or tolerate something, especially something that is different or unpleasant

synonym: acceptance, patience, forbearance

(1) religious tolerance, (2) tolerance for risk

The school's diversity program aimed to promote **tolerance** and understanding among the students.

poach

v. to illegally hunt, fish, or take wildlife from private or protected land or waters without permission; to cook food by gently simmering it in a liquid, often with added spices or seasonings

synonym: steal, snatch

(1) **poach** on his land, (2) **poach** deer

The chef **poached** the eggs perfectly for the benedict breakfast dish.

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.

rural

adj. of or relating to the countrysidesynonym: agrarian, country, rustic

(1) **rural** accents, (2) people in **rural** areas Many **rural** areas are still impoverished.

poverty

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

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

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.

divide

- v. to separate or cause to separate into parts or groups synonym: separate, disconnect, split
- (1) **divide** the cake into two pieces, (2) **divide** money equally

Can you divide 123321 by eleven?

corridor

- a hallway or passageway, especially one connecting rooms or areas within a building or structure
- synonym: hallway, passageway, aisle
- (1) walk along a corridor, (2) air corridor

The long **corridor** was filled with people rushing to get to their rooms before the meeting began.

attractive

 adj. immensely appealing in look or sound; having characteristics or qualities that make something appealing and valuable

synonym: beautiful, fetching, alluring

(1) **attractive** men, (2) **attractive** opportunity

The growth of the "sharing economy" is **attractive** for tech

companies.

pole

n. one of two antipodal points where the Earth's axis of rotation intersects the Earth's surface; a long, slender, rounded rod, typically of wood or metal, used as a support or to hang something

synonym: rod, staff, shaft

(1) a fishing **pole**, (2) the plus **pole**

The North **Pole** is the northernmost point on Earth.

gap

 a conspicuous disparity or difference separates something such as a figure, people, their opinions, situation, etc.

synonym: opening, lacuna, spread

(1) the **gap** between ideal and reality, (2) distance **gap**Many people are working together to close the gender **gap**.

suddenly

adv. quickly and unexpectedly

synonym: abruptly, unexpectedly, unawares

(1) **suddenly** attacked by an enemy, (2) die **suddenly** Who answers **suddenly** knows little.

hardline

adj. firm and uncompromising; very strict or severe

synonym: strict, inflexible, uncompromising

(1) hardline candidate, (2) hardline approach

The **hardline** stance on immigration was met with criticism from many quarters.

straight

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

synonym: linear, honest, consecutive

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

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

migratory

adj. relating to or characterized by the movement of individuals or groups from one place to another, often for regular seasonal or environmental reasons

synonym: nomadic, wandering, roving

(1) migratory species, (2) migratory route

The **migratory** birds flew thousands of miles to reach their wintering grounds.

holistic

adj. relating to or dealing with the whole of something rather than just its parts

synonym: comprehensive, all-encompassing, total

(1) holistic education, (2) develop a holistic vision

The **holistic** approach to healthcare considers the person's physical, mental, and emotional well-being.

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.

beehive

 a structure or container where bees live and store their honey

synonym: hive, apiary, honeycomb

(1) disturb a **beehive**, (2) get rid of a **beehive**

The beekeeper checked the **beehive** for any signs of disease.

branch

 a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization

synonym: limb, twig, bough

(1) branch office, (2) a branch pipe

The **branch** of the tree had fallen and blocked the road.

nest

 a structure in which animals lay their eggs or give birth to their young

synonym: roost, perch, burrow

(1) bird's **nest**, (2) a **nest** of thieves

The female birds build a **nest** and lay their eggs in May.

sting

v. to cause a sharp, painful sensation or injury with a poison, venom, or other substance or by a physical action such as a bite or prick

synonym: bite, prick, poke

(1) sting me on the arm, (2) sting his face

Bees **sting** as a defense mechanism when they feel threatened.

centimeter

- a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
- (1) **centimeter** measurement, (2) thirty **centimeters** tall The room was only one **centimeter** wider than the piano, making it a tight fit.

watery

adj. full of or containing water; wet

synonym: liquid, wet, damp

(1) a watery fluid, (2) go to a watery grave

The soup was too watery and needed more flavor.

scared

adj. afraid or frightened

synonym: frightened, fearful, dreading

(1) scared all the time, (2) scared dog

I'm **scared** of insects.

phenomenal

adj. extremely good or impressive; outstanding

synonym: extraordinary, remarkable, impressive

(1) phenomenal success, (2) phenomenal growth

The athlete's **phenomenal** performance broke all previous

records.

release

v. to set free or allow to escape from confinement

synonym: free, let go, discharge

(1) **release** a prisoner, (2) **release** CO2 into the air

The animal rights group worked to **release** the dolphins back

into the wild.

pheromone

 a chemical substance produced by an animal that is secreted into the environment and that affects the behavior or physiology of others of its species

synonym: scent, odor, aroma

(1) pheromone trail, (2) sexual pheromone

The perfume industry often uses synthetic **pheromones** to

enhance their products' appeal.

trigger

v. to make something happen suddenly; to cause something such as a device, machine, etc. to function

synonym: activate, spark, drive

(1) **trigger** a biochemical response, (2) **trigger** inflation

The incident **triggered** a political controversy.

beestings

n. (also known as "colostrum") the first milk produced by a cow after giving birth, which is high in fat and protein;(plural form of "beesting") the sting or injury caused by a bee

synonym: colostrum, first milk, foremilk

- (1) a severe allergy to **beestings**, (2) fresh **beestings**Farmers often reserve **beestings** for the newborn calf, as it contains important nutrients and antibodies.
- 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

mother's milk.

- (1) economic **threat**, (2) environmental **threat**The **threat** of severe weather prompted the city to issue an evacuation warning.
- n. a young cow, bull, or other domestic bovine animalssynonym: baby cow, heifer, yearling
- baby calf, (2) a calf elephant
 replacement
 trying to find its
- v. to communicate or react with somebody synonym: cooperate, combine, collaborate
- (1) **interact** directly with customers, (2) **interact** with one another

He should interact more with his colleagues.

- v. to interrupt someone who is trying to work, sleep, etc.

 synonym: agitate, bother, intrude
 - (1) **disturb** the peace, (2) **disturb** his sleep

 Tourists frequently **disturb** the island's delicate natural balance.

threat

calf

interact

disturb

wireless

adj. of or relating a connection or communication that does not require a physical wire or cable, often through the use of radio waves or electromagnetic signals

synonym: cordless, radio

(1) wireless access, (2) wireless charging

The office's **wireless** network allows employees to work from anywhere in the building.

react

v. to take action in response to something

synonym: respond, reply, oppose

(1) **react** at a high temperature, (2) **react** against his way of thinking

How did he react to your idea?

dramatically

adv. in a very impressive manner

synonym: greatly, noticeably, suddenly

(1) he confessed **dramatically**, (2) the cabin pressure fell **dramatically**

Life expectancy has grown dramatically this century.

amazing

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

synonym: exceptional, extraordinary, wonderful

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

flick

v. to make a sudden sharp movement or hit something quickly with a sharp movement

synonym: snap, tap, flip

(1) flicker candle, (2) flick through pages

He **flicked** the light switch, and the room was illuminated.

retreat

 n. the act of moving back or withdrawing from a position or situation; a period of rest or relaxation away from work or everyday life

synonym: escape, withdrawal, vacation

(1) retreat deeper into their territory, (2) retreat in a

mountain region

Many people go on a **retreat** to recharge and reconnect with themselves.

savannah

a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close synonym: grassland, plain

(1) savannah region, (2) tropical savannah The birds live in tropical forests, savannahs, and arid

to make a continuous, low humming sound such as the one bee makes; an exciting and active atmosphere

synonym: hum, murmur, whisper

semi-desert environments.

(1) the **buzz** of a cicada, (2) **buzz** marketing I heard the **buzz** of conversation from the next room.

experiment

the scientific test conducted to observe what happens n. and gain new knowledge

synonym: experimentation, investigation

- (1) experiment design, (2) series of experiments His **experiments** showed highly positive results.
- to leave by running away, especially out of fear or danger

synonym: exit, escape, run away

(1) flee their homes, (2) flee abroad

It is a basic instinct to **flee** from a dangerous situation.

infrasonic

adj. relating to sound waves below the range of human hearing, typically below 20 Hz

synonym: inaudible, subsonic

(1) **infrasonic** sensor, (2) **infrasonic** electronic waves Infrasonic waves can be used for communication, such as in long-range submarines.

buzz

flee

microphone

- n. a device that converts sound into an electrical signal used for recording sounds or making the voice louder synonym: mic, megaphone, amplifier
- microphone cable, (2) built-in microphone
 The interviewer asked him to speak into the microphone.

rumble

- v. to make a low, heavy continuous sound synonym: roar, growl, grumble
- (1) **rumble** an order, (2) **rumble** down the dirt track. The thunder **rumbled** in the distance.

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.

invention

- the creation of a new device or process resulting from study and experimentation; the act of inventing
- *synonym*: creation, design, innovation
- (1) the **invention** of new techniques, (2) common **invention** Necessity is the mother of **invention**.

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
- historical novel, (2) novel effect
 The novel has largely gotten positive feedback.

acre

- a unit of land area in the US Customary System and the British Imperial System, equal to 4,840 square yards (= 4,047 square meters)
- (1) half- **acre** parcel, (2) an **acre** of forest The farm covers over 200 **acres** of land.

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**.

frontline

adj. in the most critical or dangerous position; in the military line or part of an army closest to the enemy

synonym: battlefront, cutting edge

(1) **frontline** health workers, (2) at the **frontline** of the war Within days, the new aircraft was in **frontline** service.

dummy

 a model or imitation of something that is used as a substitute; a person who is perceived as lacking intelligence or acting foolishly

synonym: mannequin, puppet, figurine

(1) **dummy** address, (2) the crash test **dummy**The ventriloquist's **dummy** was incredibly lifelike and entertaining.

hive

 a structure for the reception and habitation of bees, either built by people or made by the bees themselves; a place swarming people

synonym: apiary, swarm, pack

(1) honeybees in hives, (2) a hive of activityBees were buzzing around the hive

farmland

- n. land used for farming or agricultural purposessynonym: agriculture, cropland
- (1) **farmland** acreage, (2) fertile **farmland**The government is encouraging farmers to expand their **farmland** to increase food production.

plywood

 a strong, flexible, and lightweight engineered wood made of thin layers of wood veneer that have been glued together at alternating, perpendicular angles

synonym: panel board, veneer panel, plyboard

(1) flexible **plywood**, (2) **plywood** furniture Manufacturing companies use large sheets of **plywood** to make furniture and fixtures.

boundary

- a real or imaginary line that marks the limit or extent of something and separates it from other things or places
 synonym: border, frontier, limitation
- (1) geographical **boundary**, (2) the **boundary** between reality and fantasy

He wandered the **boundary** between life and death by gunfire.

interconnect

- v. to connect similar things
- *synonym*: interlink, complect, annex
- directly interconnect with those systems, (2) human activities interconnect with the environment
 Our system can now interconnect with other databases.

plain

- adj. without being decorated in any way; (Noun) a vast expanse of flat land with few trees
- synonym: basic, straight, bare
- (1) plain answer, (2) delta plain

The lowest lowland region is mostly flat **plain**.

risky

- adj. involving the possibility of danger, failure, or loss synonym: dangerous, perilous, scary
- (1) change **risky** behavior, (2) a **risky** enterprise It is extremely **risky** to sail in such a storm.

swarm

 a group of many things, such as insects, fishes, etc., in the air or water or on the ground

synonym: horde, hive, throng

(1) a **swarm** of mosquitoes, (2) locust **swarm** A **swarm** of angry bees attacked because we had approached the hive.

scare

- v. to frighten a person or animal, or to become frightened synonym: frighten, spook, intimidate
- (1) **scare** off her attacker by screaming, (2) **scare** the birds away

We hit the ground to **scare** out the rabbits.

trap

 a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping

synonym: catch, snare, pinfall

(1) set a trap, (2) trap an animal

The enemy fell right into the **trap**.

raid

 a sudden short attack, usually by soldiers, ships, or aircraft

synonym: attack, invasion, aggression

(1) make a **raid** on an enemy's camp, (2) air- **raid** siren Throughout the **raid**, the bank robbers wore masks.

pollinate

v. to transfer pollen from the male part of a flower to the female part, thereby fertilizing the plant and allowing it to produce fruit or seeds; to spread or disseminate an idea or influence to others

synonym: fertilize, propagate

(1) pollinate plants, (2) pollinate fruit trees

Without bees to **pollinate** the flowers, many crops would not exist.

reduction

- n. a decrease in size, amount, or degreesynonym: diminution, decrease, cutback
- (1) **reduction** strategy, (2) a gradual **reduction**The **reduction** in carbon emissions has been significant since the implementation of the new policy.

boost

- v. to improve, raise, or increase something synonym: raise, advance, promote
- (1) boost the economy, (2) boost flexibility

The new service helped **boost** net income by 10%.

yield

the total output of crops, profits, etc. that are produced;
 (verb) to produce or supply helpful something, such as a profit, an amount of food, or information

synonym: proceeds, harvest, output

(1) corn **yield**, (2) the **yield** on the bond The company's stock gives a high **yield**.

pollination

n. the transfer of pollen from the male reproductive organs of one flower to the female reproductive organs of another flower, resulting in fertilization and the production of seeds

synonym: flowering, fertilization, cross-fertilization

(1) **pollination** by insect, (2) the cross- **pollination** of the arts

The **pollination** process is crucial for the growth and reproduction of many plants.

strength

 the quality or state of being physically, or sometimes mentally, strong

synonym: resilience, power, muscles

(1) **strength** of the economy, (2) muscular **strength** Health and **strength** are, above all, gold.

colony

 a country or an area that is governed by a more powerful country that is often far away

synonym: settlement, territory, plantation

(1) plant a **colony**, (2) a **colony** of bacteria The **colony** declared its independence and became a republic.

pollinator

n. an animal or insect, such as bees, butterflies, birds, etc., that carries pollen from a male part of a flower to a female part of a flower, fertilizing it and allowing it to produce seeds

synonym: fertilizer, pollenizer, pollen carrier

(1) pollinator species, (2) beneficial pollinatorBees are important pollinators for many crops and plants.

livelihood

n. a means of earning money people need to pay for food, a place to live, clothing, etc.

synonym: occupation, living, income

(1) a means of **livelihood**, (2) **livelihood** assistance I could no longer earn my own **livelihood**.

alternative

- n. one of two or more available possibilities or choicesynonym: choice, option
- (1) an **alternative** plan, (2) there is no other **alternative** Doctors are gradually coming around to the idea of using **alternative** medicines.

in-law

 a relative by marriage, such as a mother-in-law, brother-in-law, or sister-in-law

synonym: relative by marriage, family connection, affinal

(1) future **in-law**, (2) meeting **in-laws**

My sister- **in-law** is a pediatrician who works in a children's hospital.

priceless

adj. extremely valuable or importantsynonym: invaluable, incalculable, precious

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(1) **priceless** work of art, (2) **priceless** opportunity Investigators discovered **priceless** documents throughout the house.

attract

- v. to draw or entice someone or something towards them through the qualities they have, especially positive ones synonym: lure, entice, draw in
- (1) attract attention, (2) attract customersThe government is eager to attract international investment.

harmony

 the combination of simultaneous musical notes to produce a pleasing effect; an attractive combination of related things and their properties

synonym: balance, accord, congruence

(1) a harmony of colors, (2) break a harmony

We worked in perfect **harmony**.

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.

toolbox

 a container or storage unit for tools, typically characterized by a handle and one or more compartments for organizing and storing various tools and equipment

synonym: tool chest, tool kit, tool bag

(1) design toolbox, (2) toolbox storage

You should always keep a basic **toolbox** in your car in case of an emergency.

chili

 a small hot-tasting fruit of a type of pepper plant used in sauces, relishes, and spice powders; a spicy stew made from ground beef and beans, typically seasoned with chili peppers

synonym: capsicum, pepper

(1) chili sauce, (2) red chili powder

I love making a big pot of **chili** on a cold winter day.

ginger

 a plant (Zingiber officinale) that is widely cultivated for its aromatic underground stem (rhizome), which is used as a spice, especially in Asian cooking

synonym: ginger root, gingerroot, zingiber

(1) ginger tea, (2) ginger extract

I added fresh **ginger** to the stir-fry to add a little extra zing.

sunflower

 a plant with large, round flower heads that have bright yellow petals and a dark center, grown for its edible seeds and oil, as well as for decorative purposes

synonym: helianthus

(1) sunflower oil, (2) sunflower field

The **sunflower** seeds can be roasted and eaten as a snack.

spike

 a narrow, thin, pointed piece of metal, wood, etc.; a sudden large increase in the magnitude or concentration of something

synonym: end, spindle, point

(1) to spike, (2) to prevent blood sugar spikes

The recent **spike** in grain prices is partly due to the war in the producing countries.

jut

v. to extend out, up, or forward prominently or abruptly; to stick out or protrude

synonym: protrude, stick out, extend

(1) jut far out into the lake, (2) jut his chin out

The rocky cliff **jutted** out of the ground, making climbing difficult.

strip

v. to remove the surface from something; (noun) a sizeable narrow piece of something such as paper, metal, cloth, etc., or area of land, sea, etc.

synonym: deprive, undress, (noun) ribbon

(1) strip a tire off, (2) coast strip

The doctor advised him to **strip** down for a check.

weave

v. to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them

synonym: braid, unite, contrive

(1) weave on a loom, (2) weave a story

The girl weaves a garland for her friend.

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.

enterprise

 a business or company; a purposeful or industrious undertaking, especially one that requires effort

synonym: business, company, industry

undertake an enterprise,
 his business enterprise
 growing enterprise requires a bold leader.

beekeeper

 a person who keeps bees, either for their honey or to pollinate crops

synonym: apiarist, apiculturist, honey farmer

(1) beekeeper hat, (2) local beekeeper

My neighbor is a professional **beekeeper** who sells honey at the local farmers' market.

weaver

- *n.* the craftsman whose job is weaving cloth
- (1) the textile weavers,(2) tapestry weaversThe weaver fringed the scarf.

process

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

synonym: procedure, method, system

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

balm

 a soothing substance or treatment used to alleviate pain or discomfort often applied to the skin; a comforting influence or alleviation for grief or distress synonym: ointment, salve, lotion

(1) healing **balm**, (2) soothing **balm**

Aloe vera is a natural **balm** often used to treat burns and rashes.

participate

v. to take part in something

synonym: take part, partake, enter

(1) **participate** fully in conversation, (2) **participate** in the program

The majority of students actively **participated** in the college's intramural sports program.

generate

v. to produce or create something; to make offspring by reproduction

synonym: create, yield, produce

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

forefront

 the leading or most important position or place; the forefront of a movement or cause

synonym: vanguard, lead, front line

(1) **forefront** technology, (2) the **forefront** of an air mass Education is at the **forefront** of our society's priorities for ensuring a better future.

bold

adj. brave, daring, and confident; not frightened of danger or afraid to say what you feel or to take risks

synonym: brave, courageous, fearless

a bold design, (2) big, bold piano sounds
 The effort to alleviate climate change needs bold action.

innovation

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

synonym: invention, initiation, creation

(1) innovation leader, (2) cutting-edge innovation

The vegetarian burger was an **innovation** that quickly spread to the United Kingdom.

empathy

 the ability to share another person's feelings or experiences by imagining that person's situation

synonym: compassion, sympathy, tenderness

(1) full of **empathy**, (2) **empathy** for patients **Empathy** is also necessary to understand history.

Session 2: Spelling

7.

8.

9.

a primitive ma___I

people in ru__I areas

field of artificial int nce

- a structure in which animals lay their 1. an t of thieves n. eggs or give birth to their young 2. a business or company; a purposeful or his business ent se n. industrious undertaking, especially one that requires effort sexual ph____ne a chemical substance produced by an 3. n. animal that is secreted into the environment and that affects the behavior or physiology of others of its species a group of many things, such as 4. locust sw__m n. insects, fishes, etc., in the air or water or on the ground par____te in the program to take part in something 5. ν. real es___e transaction a large piece of land with an impressive 6. n. house on it, often owned by a wealthy family; all of a person's possessions and assets at the time of their death; an area of land considered as a unit in terms of ownership, use or taxation
 - any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
 - adj. of or relating to the countryside
 - n. the ability to learn, comprehend, or make judgments or conclusions based on reasons

ANSWERS: 1. nest, 2. enterprise, 3. pheromone, 4. swarm, 5. participate, 6. estate, 7. mammal, 8. rural, 9. intelligence

ANSWERS: 10. hardline, 11. boundary, 12. react, 13. stick, 14. erode, 15. centimeter, 16. watery, 17. generate, 18. interconnect, 19. farmland, 20. boost

ANSWERS: 21. strength, 22. pile, 23. dummy, 24. disturb, 25. alternative, 26. toolbox, 27. wireless, 28. amazing, 29. pitch

resolve, 37. microphone, 38. chili

ANSWERS: 39. suddenly, 40. span, 41. traditionally, 42. pace, 43. zoology, 44. dummy, 45. conflict, 46. mud, 47. develop, 48. disperse

49. honeybees in h es a structure for the reception and n. habitation of bees, either built by people or made by the bees themselves; a place swarming people 50. ge____te \$100 a month to produce or create something; to ν. make offspring by reproduction 51. ut___y changed adv. completely or absolutely 52. na___n-state a large organized community of people living in a particular country or region and having a particular culture an expedition, usually with a guide, for 53. sa i adventure viewing or hunting wild animals, especially in Africa a structure or container where bees live 54. get rid of a be e n. and store their honey 55. re e the computer error to find a suitable answer to the ν. problems or difficulty to live or exist together at the same time 56. co t with diversity ν. in the same place a form of a language that is spoken in a 57. a local di t n. particular geographical area or by a particular group of people and has distinguishing characteristics 58. di e money equally to separate or cause to separate into ν. parts or groups

59. economic th t

ANSWERS: 49. hive, 50. generate, 51. utterly, 52. nation, 53. safari, 54. beehive, 55. resolve, 56. coexist, 57. dialect, 58. divide, 59. 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

v.	to frighten someone very much
ν.	to remove the surface from something; (noun) a sizeable narrow piece of something such as paper, metal, cloth, etc., or area of land, sea, etc.
n.	a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping
n.	a plant that is cultivated in large amounts, particularly for food
ν.	to take action in response to something
n.	(also known as "colostrum") the first milk produced by a cow after giving birth, which is high in fat and protein; (plural form of "beesting") the sting or injury caused by a bee
n.	the act or process of finding information a place, or an object, or learning about something that was previously not known
ν.	to draw or entice someone or something towards them through the qualities they have, especially positive ones
n.	the act or process of finding information
	v.n.n.n.

discovery, 67. attract, 68. discovery

ANSWERS: 69. migratory, 70. trample, 71. migrate, 72. instinctively, 73. hardline, 74. develop, 75. strip, 76. flick, 77. experiment

what happens and gain new knowledge

78.	а	ם	_n	ΟŢ	naıı
			_		

79. u__e a total ban

81. tr___r inflation

83. pol_____on by insect

85. to____ce for risk

86. the cycle of po___y

- a plant growing thickly with many small branches and several stiff stems coming up from the root
- v. to spur on or encourage someone, especially by cheers and shouts; (noun) a strong desire or impulse, especially one that is difficult to control or resist
- v. to live or exist together at the same time in the same place
- v. to make something happen suddenly; to cause something such as a device, machine, etc. to function
- v. to set free or allow to escape from confinement
- n. the transfer of pollen from the male reproductive organs of one flower to the female reproductive organs of another flower, resulting in fertilization and the production of seeds
- v. to transfer pollen from the male part of a flower to the female part, thereby fertilizing the plant and allowing it to produce fruit or seeds; to spread or disseminate an idea or influence to others
- n. the willingness to accept or tolerate something, especially something that is different or unpleasant
- n. the condition of being extremely poor

ANSWERS: 78. bush, 79. urge, 80. coexist, 81. trigger, 82. release, 83. pollination, 84. pollinate, 85. tolerance, 86. poverty

ANSWERS: 87. roam, 88. process, 89. empathy, 90. fragment, 91. ford, 92. beestings, 93. navigate, 94. invention, 95. landscape

its appearance

ANSWERS: 96. scared, 97. branch, 98. traditionally, 99. wireless, 100. fence, 101. vulnerable, 102. construct, 103. nurture, 104. communicate, 105. pollinate

106. a doc____ry film

107. tropical sa____ah

108. half-a_e parcel

109. a sort of ma___l

110. a c f elephant

111. walk along a co____or

112. su er field

113. m d volcano

114. em____al health

115. no__l effect

- a film or a radio or television program that gives facts and information about a subject; of or derived from official documents
- a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close
- n. a unit of land area in the US Customary System and the British Imperial System, equal to 4,840 square yards (= 4,047 square meters)
- any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
- *n.* a young cow, bull, or other domestic bovine animals
- a hallway or passageway, especially one connecting rooms or areas within a building or structure
- a plant with large, round flower heads that have bright yellow petals and a dark center, grown for its edible seeds and oil, as well as for decorative purposes
- a soft, wet, sticky earth or clay
- adj. relating to people's feelings
- an extended fictional work in prose;
 usually in the form of a story; (adjective)
 original and of a kind not seen before

ANSWERS: 106. documentary, 107. savannah, 108. acre, 109. mammal, 110. calf, 111. corridor, 112. sunflower, 113. mud, 114. emotional, 115. novel

- 116. di____se false information
- 117. re t in a mountain region
- 118. minority di____t
- 119. su____er oil
- 120. we eastory
- 121. r_p a hole in the roof
- 122. co____ct a dam
- 123. a co y of bacteria
- 124. tower of iv y

- *ν*. to spread out or distribute over a broad region, or to cause something to do so
- n. the act of moving back or withdrawing from a position or situation; a period of rest or relaxation away from work or everyday life
- a form of a language that is spoken in a particular geographical area or by a particular group of people and has distinguishing characteristics
- n. a plant with large, round flower heads that have bright yellow petals and a dark center, grown for its edible seeds and oil, as well as for decorative purposes
- v. to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them
- v. to tear something or be torn violently or suddenly
- v. to build or create something; to assemble or combine different parts to form something whole
- a country or an area that is governed by a more powerful country that is often far away
- n. a hard, creamy-white substance that comes from the tusks of elephants, walruses, and some other animals and is used to make ornaments and other decorative items

ANSWERS: 116. disperse, 117. retreat, 118. dialect, 119. sunflower, 120. weave, 121. rip, 122. construct, 123. colony, 124. ivory

125. tapestry wers	n.	the craftsman whose job is weaving cloth
126. polor species	n.	an animal or insect, such as bees, butterflies, birds, etc., that carries pollen from a male part of a flower to a female part of a flower, fertilizing it and allowing it to produce seeds
127. religious toce	n.	the willingness to accept or tolerate something, especially something that is different or unpleasant
128. set a tp	n.	a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping
129. frnt of a text	n.	a small piece or part broken off or detached
130. a magnt mountain	adj.	extremely beautiful and impressive; grand or noble in thought or deed
131. undertake an entse	n.	a business or company; a purposeful or industrious undertaking, especially one that requires effort
132. coe against a friend	<i>v</i> .	to strive to achieve more success than someone or something
133. weh heavily on stock prices	v.	to have a particular weight; to carefully evaluate things before making a conclusion
134. miry species	adj.	relating to or characterized by the movement of individuals or groups from one place to another, often for regular seasonal or environmental reasons

ANSWERS: 125. weaver, 126. pollinator, 127. tolerance, 128. trap, 129. fragment, 130. magnificent, 131. enterprise, 132. compete, 133. weigh, 134. migratory

ANSWERS: 135. flick, 136. boundary, 137. innovation, 138. attractive, 139. ginger, 140. spike, 141. pollinator, 142. horrific, 143. pachyderm

ANSWERS: 144. communicate, 145. yield, 146. balm, 147. infrasonic, 148. frontline, 149. alternative, 150. centimeter, 151. ivory, 152. weigh

conclusion

deviations

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

to leave by running away, especially out ν. of fear or danger

to take care of, feed, and protect ν. someone or something while they are growing and developing

ANSWERS: 153. beekeeper, 154. priceless, 155. livelihood, 156. estate, 157. planet, 158. swarm, 159. straight, 160. invention, 161. flee, 162. nurture

160. the in on of new techniques

161. f__e their homes

162. nu____e love

one of two antipodal points where the 163. the plus p e n. Earth's axis of rotation intersects the Earth's surface; a long, slender. rounded rod, typically of wood or metal, used as a support or to hang something a small, simple, and often crude shelter 164. fishing h t n. or dwelling, typically made of natural materials such as wood or mud 165. air-r__d siren a sudden short attack, usually by n. soldiers, ships, or aircraft 166. make a r d on an enemy's camp a sudden short attack, usually by n. soldiers, ships, or aircraft a conspicuous disparity or difference 167. distance g p n. separates something such as a figure, people, their opinions, situation, etc. to frighten a person or animal, or to 168. sc__e off her attacker by screaming ν. become frightened a plant (Zingiber officinale) that is widely 169. gi___r extract n. cultivated for its aromatic underground stem (rhizome), which is used as a spice, especially in Asian cooking to tear something or be torn violently or 170. r p a notebook apart ν. suddenly the state or quality of being complicated 171. com____ty theory n. or intricate and difficult to understand 172. na____te the Pacific to plan and direct the way that a ship, plane, etc. will travel, often by using a map 173. in ct with one another to communicate or react with somebody ν.

ANSWERS: 163. pole, 164. hut, 165. raid, 166. raid, 167. gap, 168. scare, 169. ginger, 170. rip, 171. complexity, 172. navigate, 173. interact

174. ree a concert ticket	<i>v</i> .	to keep something for future use or contingency; to obtain or arrange something, such as a meeting, seat, etc., in advance
175. scd dog	adj.	afraid or frightened
176. 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
177. coal combination of funds	adj.	belonging to or used by a group rather than individuals; for common use
178. pld furniture	n.	a strong, flexible, and lightweight engineered wood made of thin layers of wood veneer that have been glued together at alternating, perpendicular angles
179. a vulle bridge	adj.	capable of being hurt or influenced physically or mentally
180. an ae of forest	n.	a unit of land area in the US Customary System and the British Imperial System, equal to 4,840 square yards (= 4,047 square meters)
181. emal distress	adj.	relating to people's feelings
182. pinch off a b_d	n.	a small swelling on a plant stem or twig containing an undeveloped shoot
183. tey people	v.	to frighten someone very much
184. mae amounts	adj.	enormous amount; very heavy and solid
185. phne trail	n.	a chemical substance produced by an animal that is secreted into the environment and that affects the behavior or physiology of others of its

ANSWERS: 174. reserve, 175. scared, 176. novel, 177. communal, 178. plywood, 179. vulnerable, 180. acre, 181. emotional, 182. bud, 183. terrify, 184. massive, 185. pheromone

species

army closest to the enemy

195. the longstanding co____ct

n. a strong disagreement, argument, or a violent clash between two opposing groups or individuals

196. flexible pl d

n. a strong, flexible, and lightweight engineered wood made of thin layers of wood veneer that have been glued together at alternating, perpendicular angles

ANSWERS: 186. compassionate, 187. magnificent, 188. forefront, 189. plain, 190. infrasonic, 191. hive, 192. risky, 193. holistic, 194. frontline, 195. conflict, 196. plywood

197. su____ly attacked by an enemy adv. quickly and unexpectedly

198. uty ignorant	adv.	completely or absolutely
199. viI for a healthy society	adj.	necessary for the success or continued existence of something
200. he confessed drally	adv.	in a very impressive manner
201. ruled by a mach	n.	a woman who is the head of a family or social group; a woman who is the founder or dominant member of a group
202. ere trust	v.	to gradually wear away or break down (rock, soil, or other material) through the action of wind, water, or other natural agents; to gradually weaken or undermine (something) over time
203. the trk of the body	n.	the main stem or body of a tree which its branches grow
204. livod assistance	n.	a means of earning money people need to pay for food, a place to live, clothing, etc.
205. sce the birds away	ν.	to frighten a person or animal, or to become frightened
206. 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
207. hen on earth	n.	(of various religious and mythological traditions) a place or state of existence considered to be the abode of the divine, the afterlife, or a higher realm of being; a state of great happiness, contentment, or beauty

ANSWERS: 197. suddenly, 198. utterly, 199. vital, 200. dramatically, 201. matriarch, 202. erode, 203. trunk, 204. livelihood, 205. scare, 206. span, 207. heaven

209. j t far out into the lake

210. future in___w

211. ve____ze thoughts

212. ru___e an order

213. air co____or

214. pr____ss work of art

215. the fo nt of an air mass

216. att____ve opportunity

217. a fishing p e

- a container or storage unit for tools, typically characterized by a handle and one or more compartments for organizing and storing various tools and equipment
- v. to extend out, up, or forward prominently or abruptly; to stick out or protrude
- a relative by marriage, such as a mother-in-law, brother-in-law, or sister-in-law
- to articulate or express verbally; to put something into words or speech; to speak out loud
- v. to make a low, heavy continuous sound
- a hallway or passageway, especially one connecting rooms or areas within a building or structure
- adj. extremely valuable or important
- the leading or most important position or place; the forefront of a movement or cause
- adj. immensely appealing in look or sound;
 having characteristics or qualities that
 make something appealing and
 valuable
- n. one of two antipodal points where the Earth's axis of rotation intersects the Earth's surface; a long, slender, rounded rod, typically of wood or metal, used as a support or to hang something

ANSWERS: 208. toolbox, 209. jut, 210. in-law, 211. verbalize, 212. rumble, 213. corridor, 214. priceless, 215. forefront, 216. attractive, 217. pole

the property of sound that varies with 218. a low-pi hed sound n. variation in the frequency of vibration; the degree of a slope, especially of a roof; short presentation for selling or sharing something the speed at which someone or 219. the runner's pe n. something moves, or the rate at which something happens or changes land used for farming or agricultural 220. fa____nd acreage purposes 221. in a e of the situation a feeling of respect and wonder inspired by someone or something greatly admired the scientific test conducted to observe 222. series of exp nts what happens and gain new knowledge the creation of a new device or process 223. cutting-edge inn____on n. resulting from study and experimentation adj. enormous in size, number, amount, or 224. v t desert quantity 225. tr____r a biochemical response to make something happen suddenly; to cause something such as a device, machine, etc. to function a series of actions or operations 226. pr s improvement n. performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it

ANSWERS: 218. pitch, 219. pace, 220. farmland, 221. awe, 222. experiment, 223. innovation, 224. vast, 225. trigger, 226. process

suitable for consumption or use in other

dairy products

227. stg his face	v.	to cause a sharp, painful sensation or injury with a poison, venom, or other substance or by a physical action such as a bite or prick
228. muscular stth	n.	the quality or state of being physically, or sometimes mentally, strong
229. baby cf	n.	a young cow, bull, or other domestic bovine animals
230. dib his sleep	<i>v</i> .	to interrupt someone who is trying to work, sleep, etc.
231. coal swimming pool	adj.	belonging to or used by a group rather than individuals; for common use
232. wned me of the plan	<i>v</i> .	to make someone aware of potential danger or difficulty, particularly one that may occur in the future
233. the height of a pe	n.	a collection of objects positioned one on top of another; a large sum of something, such as money
234. the cross-polon of the arts	n.	the transfer of pollen from the male reproductive organs of one flower to the female reproductive organs of another flower, resulting in fertilization and the production of seeds
235. docry proof	n.	a film or a radio or television program that gives facts and information about a subject; of or derived from official documents
236. a brh pipe	n.	a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization

ANSWERS: 227. sting, 228. strength, 229. calf, 230. disturb, 231. communal, 232. warn, 233. pile, 234. pollination, 235. documentary, 236. branch

to illegally hunt, fish, or take wildlife 237. po h on his land ν. from private or protected land or waters without permission; to cook food by gently simmering it in a liquid, often with added spices or seasonings 238. r m the countryside to move about or travel aimlessly or ν. without a fixed destination; to wander the main stem or body of a tree which 239. the tr_k of the tree its branches grow 240. a ha____y of colors the combination of simultaneous musical notes to produce a pleasing effect; an attractive combination of related things and their properties to strive to achieve more success than 241. co e fiercely someone or something 242. am___g advances adj. extremely surprising, especially in a way that you like or admire the combination of simultaneous 243. break a ha____y n. musical notes to produce a pleasing effect; an attractive combination of related things and their properties 244. phe____al growth adj. extremely good or impressive; outstanding adj. necessary for the success or continued 245. play a vi I role existence of something a relative by marriage, such as a 246. meeting in ws mother-in-law, brother-in-law, or sister-in-law 247. a peaceful la____pe an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance

ANSWERS: 237. poach, 238. roam, 239. trunk, 240. harmony, 241. compete, 242. amazing, 243. harmony, 244. phenomenal, 245. vital, 246. in-law, 247. landscape

- 248. bo__t the economy
- 249. soothing b__m
- 250. at___t attention
- 251. te__e the children
- 252. em___y for patients
- 253. ascend to he___n

- 254. ma____e stars
- 255. po____y alleviation
- 256. re___e a prisoner

- v. to improve, raise, or increase something
- a soothing substance or treatment used to alleviate pain or discomfort often applied to the skin; a comforting influence or alleviation for grief or distress
- to draw or entice someone or something towards them through the qualities they have, especially positive ones
- v. to make fun of someone or make jokes about them, either in a playful way or to upset them; to separate the fibers of something; to ruffle a person's or animal's hair by combing
- the ability to share another person's feelings or experiences by imagining that person's situation
- n. (of various religious and mythological traditions) a place or state of existence considered to be the abode of the divine, the afterlife, or a higher realm of being; a state of great happiness, contentment, or beauty
- adj. enormous amount; very heavy and solid
- n. the condition of being extremely poor
- v. to set free or allow to escape from confinement

ANSWERS: 248. boost, 249. balm, 250. attract, 251. tease, 252. empathy, 253. heaven, 254. massive, 255. poverty, 256. release

the act of moving back or withdrawing 257. re t deeper into their territory n. from a position or situation; a period of rest or relaxation away from work or everyday life 258. a wa y fluid adj. full of or containing water; wet 259. ru___e down the dirt track to make a low, heavy continuous sound adj. brave, daring, and confident; not 260. a b__d design frightened of danger or afraid to say what you feel or to take risks 261. st ht for two months adj. extending or moving in one direction without bending or curving; having no deviations to make a continuous, low humming 262. the b z of a cicada sound such as the one bee makes; an exciting and active atmosphere 263. across a f__d a shallow place in a river or stream n. where it is possible to walk or drive across 264. mic____ne cable a device that converts sound into an n. electrical signal used for recording sounds or making the voice louder 265. pl n answer adj. without being decorated in any way; (Noun) a vast expanse of flat land with few trees 266. big, b d piano sounds adj. brave, daring, and confident; not frightened of danger or afraid to say what you feel or to take risks 267. ins ely grabbed the knife adv. as a matter of nature or intuition rather than thought or training

ANSWERS: 257. retreat, 258. watery, 259. rumble, 260. bold, 261. straight, 262. buzz, 263. ford, 264. microphone, 265. plain, 266. bold, 267. instinctively

- 268. on___g support
- 269. f_e abroad
- 270. v_t majority
- 271. plant a co___y
- 272. ho ic condition
- 273. a sexual u__e
- 274. the yi d on the bond
- 275. phe____al success
- 276. fire st k
- 277. di e the cake into two pieces
- 278. ch i sauce

- adj. continuing to exist or develop, or currently happening
- v. to leave by running away, especially out of fear or danger
- adj. enormous in size, number, amount, or quantity
- a country or an area that is governed by a more powerful country that is often far away
- adj. causing horror or disgust; gruesome and terrifying
- v. to spur on or encourage someone, especially by cheers and shouts; (noun) a strong desire or impulse, especially one that is difficult to control or resist
- the total output of crops, profits, etc.
 that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information
- adj. extremely good or impressive; outstanding
- v. to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
- v. to separate or cause to separate into parts or groups
- n. a small hot-tasting fruit of a type of pepper plant used in sauces, relishes, and spice powders; a spicy stew made from ground beef and beans, typically seasoned with chili peppers

ANSWERS: 268. ongoing, 269. flee, 270. vast, 271. colony, 272. horrific, 273. urge, 274. yield, 275. phenomenal, 276. stick, 277. divide, 278. chili

ANSWERS: 279. quadruple, 280. planet, 281. interact, 282. nest, 283. reserve, 284. compassionate, 285. tease, 286. intelligence, 287. matriarch, 288. warn

ν.

288. w n a reckless driver

to make someone aware of potential

may occur in the future

danger or difficulty, particularly one that

289. saah region	n.	a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close
290. stg me on the arm	<i>v</i> .	to cause a sharp, painful sensation or injury with a poison, venom, or other substance or by a physical action such as a bite or prick
291. the g_p between ideal and reality	n.	a conspicuous disparity or difference separates something such as a figure, people, their opinions, situation, etc.
292. the cabin pressure fell drally	adv.	in a very impressive manner
293. wee on a loom	ν.	to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them
294. local beer	n.	a person who keeps bees, either for their honey or to pollinate crops
295. bz marketing	v.	to make a continuous, low humming sound such as the one bee makes; an exciting and active atmosphere
296. still ong	adj.	continuing to exist or develop, or currently happening
297. disturb a bee	n.	a structure or container where bees live and store their honey
298. sai park	n.	an expedition, usually with a guide, for viewing or hunting wild animals, especially in Africa
299. mie a service	<i>v</i> .	to move from one country or region to another and settle there; to move from one place to another periodically or seasonally

ANSWERS: 289. savannah, 290. sting, 291. gap, 292. dramatically, 293. weave, 294. beekeeper, 295. buzz, 296. ongoing, 297. beehive, 298. safari, 299. migrate

300. parm habitat	n.	a type of large mammal with thick skin, such as an elephant, rhinoceros, or hippopotamus
301. zoy book	n.	the scientific study of animals, including their classification, habits, behavior, physiology, and evolution
302. to spe	n.	a narrow, thin, pointed piece of metal, wood, etc.; a sudden large increase in the magnitude or concentration of something
303. a feeling of a_e	n.	a feeling of respect and wonder inspired by someone or something greatly admired
304. reon strategy	n.	a decrease in size, amount, or degree
305. cp herbicide	n.	a plant that is cultivated in large amounts, particularly for food
306. cognitive comty	n.	the state or quality of being complicated or intricate and difficult to understand
307. b_d grafting	n.	a small swelling on a plant stem or twig containing an undeveloped shoot
308. a gradual reon	n.	a decrease in size, amount, or degree
309. the textile wers	n.	the craftsman whose job is weaving cloth
310. develop a hoic vision	adj.	relating to or dealing with the whole of something rather than just its parts
311. dive question	adj.	tending to cause disagreement or hostility between people
312. human activities intect with the environment	v.	to connect similar things

ANSWERS: 300. pachyderm, 301. zoology, 302. spike, 303. awe, 304. reduction, 305. crop, 306. complexity, 307. bud, 308. reduction, 309. weaver, 310. holistic, 311. divisive, 312. interconnect

to extend out, up, or forward 313. j t his chin out ν. prominently or abruptly; to stick out or protrude adj. involving the possibility of danger, 314. change ri y behavior failure, or loss a structure, usually made of wood or 315. a brushwood fe e n. metal, that encloses an area, typically for protection or to keep animals or people in or out; a dealer in stolen property a plant growing thickly with many small 316. trees and b hes branches and several stiff stems coming up from the root a large organized community of people 317. a seafaring na n n. living in a particular country or region and having a particular culture 318. suppress di____ve arguments adj. tending to cause disagreement or hostility between people 319. qu le the amount to consist of four items or people; to ν. become four times as great or many 320. par____te fully in conversation to take part in something ν.

ANSWERS: 313. jut, 314. risky, 315. fence, 316. bush, 317. nation, 318. divisive, 319. quadruple, 320. participate

Session 3: Fill in the Blanks

1.	Bees were buzzing around the
n.	a structure for the reception and habitation of bees, either built by people or made by the bees themselves; a place swarming people
2.	The ongoing budget cuts have the quality of education in many schools.
v.	to gradually wear away or break down (rock, soil, or other material) through the action of wind, water, or other natural agents; to gradually weaken or undermine (something) over time
3.	The new prime minister has vowed to take measures against the economic crisis.
adj	continuing to exist or develop, or currently happening
4.	His stock earnings
v.	to consist of four items or people; to become four times as great or many
5.	She's studying at university and hopes to work at a zoo someday.
n.	the scientific study of animals, including their classification, habits, behavior, physiology, and evolution
6.	You can easily seats over the telephone.
v.	to keep something for future use or contingency; to obtain or arrange something, such as a meeting, seat, etc., in advance
7.	Many people go on a to recharge and reconnect with themselves.
n.	the act of moving back or withdrawing from a position or situation; a period of rest or relaxation away from work or everyday life
	SWERS: 1. hive, 2. eroded, 3. ongoing, 4. quadrupled, 5. zoology, 6. reserve, 7. reat

8.	Human responses vary widely depending on the society to which they belong.
adj	relating to people's feelings
9. n.	I added fresh to the stir-fry to add a little extra zing. a plant (Zingiber officinale) that is widely cultivated for its aromatic underground stem (rhizome), which is used as a spice, especially in Asian cooking
10.	I am going to trim this off.
n.	a plant growing thickly with many small branches and several stiff stems coming up from the root
11.	I attempted to him, but he ignored me.
v.	to make someone aware of potential danger or difficulty, particularly one that may occur in the future
12.	He and I often had not only in personality but also in ideology.
n.	a strong disagreement, argument, or a violent clash between two opposing groups or individuals
13.	Recent electoral shocks have shaken the political in Europe.
n.	an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance
14.	I heard the of conversation from the next room.
v.	to make a continuous, low humming sound such as the one bee makes; an exciting and active atmosphere
15.	Her voice gradually increased in
n.	the property of sound that varies with variation in the frequency of vibration; the degree of a slope, especially of a roof; short presentation for selling or sharing something
	SWERS: 8. emotional, 9. ginger, 10. bush, 11. warn, 12. conflicts, 13. landscape, buzz, 15. pitch

16.	The beekeeper checked the for any signs of disease. a structure or container where bees live and store their honey
	Our system can now with other databases. to connect similar things
18. <i>n</i> .	In terms of he was head and shoulders above his classmates. the ability to learn, comprehend, or make judgments or conclusions based on reasons
19. <i>n</i> .	He won an award for that short a film or a radio or television program that gives facts and information about a subject; of or derived from official documents
20.	The archaeologist carefully pieced together the tiny of pottery found at the dig site. a small piece or part broken off or detached
21. n.	The of the swamp made it difficult to walk through the field. a soft, wet, sticky earth or clay
22. v.	The chef the eggs perfectly for the benedict breakfast dish. to illegally hunt, fish, or take wildlife from private or protected land or waters without permission; to cook food by gently simmering it in a liquid, often with added spices or seasonings
23. n.	Many people are working together to close the gender a conspicuous disparity or difference separates something such as a figure, people, their opinions, situation, etc.
	SWERS: 16. beehive, 17. interconnect, 18. intelligence, 19. documentary, 20. gments, 21. mud, 22. poached, 23. gap

49. ⁻	The birds flew thousands of miles to reach their wintering grounds.
adj.	relating to or characterized by the movement of individuals or groups from one place to another, often for regular seasonal or environmental reasons
50.	The economy is growing at a supercharged
n.	the speed at which someone or something moves, or the rate at which something happens or changes
51. `	You must with others to obtain this position.
ν.	to strive to achieve more success than someone or something
52. /	A growing requires a bold leader.
n.	a business or company; a purposeful or industrious undertaking, especially one that requires effort
	My neighbor is a professional who sells honey at the local farmers' market.
n.	a person who keeps bees, either for their honey or to pollinate crops
	The vegetarian burger was an that quickly spread to the United Kingdom.
n.	the creation of a new device or process resulting from study and experimentation
	The majority of students actively in the college's intramural sports program.
ν.	to take part in something
56. l	nvestigators discovered documents throughout the house.
adj.	extremely valuable or important
	WERS: 49. migratory, 50. pace, 51. compete, 52. enterprise, 53. beekeeper, 54. vation, 55. participated, 56. priceless

73.	I'm of insects.							
adj.	afraid or frightened							
	74. Destructive fungi thrive in moist environments, such as those seen in wounds on the							
n.	the main stem or body of a tree which its branches grow							
	Farmers often reserve for the newborn calf, as it contains important nutrients and antibodies.							
n.	(also known as "colostrum") the first milk produced by a cow after giving birth, which is high in fat and protein; (plural form of "beesting") the sting or injury caused by a bee							
76.	76. Many areas are still impoverished.							
adj.	of or relating to the countryside							
77.	Health and are, above all, gold. the quality or state of being physically, or sometimes mentally, strong							
78.	78. The soup was too and needed more flavor.							
adj.	full of or containing water; wet							
79.	Dolphins use sound to with each other.							
v.	to share or exchange information with others by speaking, writing, moving your body, or using other signals							
80.	The wealthy businessman left his entire to his children when he died.							
n.	a large piece of land with an impressive house on it, often owned by a wealthy family; all of a person's possessions and assets at the time of their death; an area of land considered as a unit in terms of ownership, use or taxation							
	SWERS: 73. scared, 74. trunk, 75. beestings, 76. rural, 77. strength, 78. watery, communicate, 80. estate							

81.	You a bill in the change machine, and the coins pop out.
v.	to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
82.	The farm covers over 200 of land.
n.	a unit of land area in the US Customary System and the British Imperial System, equal to 4,840 square yards (= 4,047 square meters)
83.	The girl a garland for her friend.
v.	to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them
84.	The newborn stood on wobbly legs, trying to find its mother's milk.
n.	a young cow, bull, or other domestic bovine animals
85.	I could no longer earn my own
n.	a means of earning money people need to pay for food, a place to live, clothing, etc.
86.	The doctor advised him to down for a check.
v.	to remove the surface from something; (noun) a sizeable narrow piece of something such as paper, metal, cloth, etc., or area of land, sea, etc.
87.	The interviewer asked him to speak into the
n.	a device that converts sound into an electrical signal used for recording sounds or making the voice louder
88.	The recent in grain prices is partly due to the war in the producing countries.
n.	a narrow, thin, pointed piece of metal, wood, etc.; a sudden large increase in the magnitude or concentration of something
	SWERS: 81. stick, 82. acres, 83. weaves, 84. calf, 85. livelihood, 86. strip, 87. crophone, 88. spike

ocab-Builder Ref from	"Lucy King: How bees	can keep the peace	between elephants a	nd humans TED Ta	lk" (160 words
ANSWERS:					