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Vocabulary Builder Reference from...

Dave Brain: What a planet needs to sustain life | TED Talk

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

All Words

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Session 1: Word List

weird

adj. extraordinary, unexpected, or difficult to explain

synonym: bizarre, creepy, peculiar

(1) a **weird** dress, (2) the state of being **weird**

My computer has been acting **weird** recently.

auditorium

n. a room or building used for concerts, plays, or other public performances

synonym: hall, theater, amphitheater

(1) open-air **auditorium**, (2) **auditorium** annex

The **auditorium** seating was filled with people waiting for the concert to begin.

complexity

n. 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.

mold

n. a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for

too long

synonym : cavity, cast, mildew

(1) a casting **mold**, (2) **mold** allergy

Mushrooms and **mold** are fungi.

mushroom

n. a type of fungus that grows on dead or decaying organic matter and typically has a stalk and an umbrella-shaped cap

synonym : fungus, toadstool

(1) **mushroom** spores, (2) **mushroom** cultivation

The **mushroom** risotto was delicious, but I couldn't identify all the mushrooms in it.

suspect

v. to consider anything to be actual or probable

synonym : assume, distrust, surmise

(1) **suspect** a plot, (2) **suspect** that he is sick

The cops **suspected** him of being the killer.

planet

n. 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.

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.

chemical

adj. relating to or connected with chemistry;

synonym : chemic, synthetic

(1) toxic **chemicals**, (2) a **chemical** compound

The firm has grown into a large **chemical** manufacturing.

reaction

n. a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others

synonym : response, reply, answer

(1) chemical **reaction**, (2) trigger a **reaction**

There was a chemical **reaction** of the lime with the groundwater.

nourishment

n. food or other substances necessary for growth and health

synonym : sustenance, nutrition, food

(1) take in **nourishment**, (2) source of **nourishment**

Proper **nourishment** is essential for a healthy body and mind.

succulent

adj. having thick and fleshy leaves or stems that can store water, typically used to describe plants in arid environments; (noun) a type of plant that has thick, fleshy leaves or stems that are capable of storing water

synonym : juicy, fleshy, moist

(1) **succulent** plant, (2) potted **succulent**

The tropical island is known for its **succulent** seafood dishes featuring fresh fish, lobster, and shrimp.

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.

achieve

v. to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do

synonym :

accomplish, attain, reach

(1) **achieve** success, (2) **achieve** milestones

I will work hard to **achieve** my goals and realize my dreams.

moose

n. a large deer native to the northern forests of North America and Eurasia

synonym: elk, deer, antelope

(1) **moose** hunting, (2) **moose** population

The antlers of a bull **moose** can grow up to 6 feet in width and weigh over 60 pounds.

liquid

n. a substance, such as water or oil that flows freely and is neither a solid nor a gas

synonym: fluid

(1) colorless **liquid**, (2) hazardous **liquid**

The sponge takes up the **liquid** well.

survive

v. to live or exist despite a dangerous event or period

synonym: endure, persist, stay

(1) **survive** a blizzard, (2) **survive** a plane crash

These birds can only **survive** in temperate climates.

abundant

adj. present in great quantity

synonym: ample, plentiful, generative

(1) live an **abundant** life, (2) an **abundant** supply of water

The country has **abundant** oil and natural gas resources.

trap

n. 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**.

beneath

adv. in or to a lower place than someone or something

synonym: down, under, low

(1) the ground **beneath** my feet, (2) **beneath** contempt
A great stretch of the lake lay **beneath** them.

icy

adj. covered with ice or frost; very cold; lacking warmth or friendliness

synonym : frosty, cold, glacial

(1) **icy** clouds, (2) cast **icy** eyes

The **icy** surface of the pond was not safe for skating.

shell

n. hard outer covering or case of eggs, nuts, some seeds, and some animals

synonym : ammunition, armor, cover

(1) an egg **shell**, (2) a mollusk **shell**

The outermost electron **shell** determines the chemical properties of an atom.

regard

v. to think about or consider somebody or something in a specified way

synonym : consider, see, reckon

(1) **regard** him as an enemy, (2) **regard** the situation as unfortunate

Frugality and industry are still **regarded** as virtues.

distance

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

synonym : space, gap, span

(1) driving **distance**, (2) social **distance**

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

Venus

n. the planet second in order from the sun

(1) **Venus** orbiter, (2) surface of **Venus**

They launched a rocket toward **Venus**.

- mar** v. to damage or spoil the appearance or surface of something
synonym: damage, deface, disfigure
(1) **mar** a proper relationship, (2) **mar** the reputation
The scratches on the car **marred** its otherwise perfect appearance.
- atmosphere** n. the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
synonym: air, ambiance, circumstances
(1) carbon dioxide in the **atmosphere**, (2) a convivial **atmosphere**
The spaceship began to burn up as it approached the Earth's **atmosphere**.
- automatically** adv. without needing a direct human control
synonym: mechanically, unconsciously, spontaneously
(1) record driving **automatically**, (2) **automatically** adjusted
Our subscription plan is **automatically** renewed.
- relevance** n. the state or degree of being closely connected or appropriate to the matter at hand
synonym: pertinence, applicability, connection
(1) have no **relevance**, (2) **relevance** category
The **relevance** of this information to the current situation needs to be investigated.
- determinant** n. a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
synonym: cause, factor, element
(1) environmental **determinant**, (2) a **determinant** of crop yields
One **determinant** of success is having a positive attitude and a strong work ethic.

static

adj. not moving or not capable of moving, not changing or not capable of changing

synonym : immobile, unchanging, fixed

(1) **static** electricity, (2) **static** website

The **static** image on the screen took a lot of work to make out.

vary

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

synonym : alter, contrast, differ

(1) **vary** according to the age, (2) **vary** directly with the price

Maximum heart rates **vary** a lot for each individual.

evolve

v. to develop gradually, or to cause the development of something or someone gradually

synonym : develop, mature, grow

(1) **evolve**, (2) **evolve** over the past decade

Eyeless fish **evolved** in dark caves.

resolution

n. a firm decision or determination to do or not do something; the action of solving a problem, dispute, or conflict; the quality of being resolved or determined; the clarity and sharpness of an image or display

synonym : determination, decision, settlement

(1) **resolution** of a conflict, (2) display **resolution**

He made a New Year's **resolution** to exercise more and eat healthier.

carve

v. to create something by cutting wood or stone; to turn sharply

synonym : sculpt, engrave, cut

(1) **carve** a statue, (2) **carve** my name on the plate

This statue is **carved** from a single tree trunk.

stable

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

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.

define

v. to state or explain precisely the nature, scope, or meaning of something

synonym: characterize, depict, express

(1) **define** a word, (2) **define** my position

To advance this discussion, we must **define** "success" rigorously.

requirement

n. something that is needed or wanted

synonym: prerequisite, provision, condition

(1) meet **requirement**, (2) school **requirement**

What is the entry **requirement** for this course?

atmospheric

adj. about or located in the earth's atmosphere

synonym: atmospherical, climatic

(1) doubling of **atmospheric** carbon dioxide,

(2) **atmospheric** pressure

The sea surface temperature and **atmospheric** circulation are inextricably linked.

particle

n. a small piece of something; a word or piece of a term with grammatical function but little or no significance

synonym: atom, grain, bit

(1) charged **particle**, (2) **particle** energy

We can calculate the position of the **particles** statistically.

gravity

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

synonym: heaviness, attraction, weight

(1) the attraction of **gravity**, (2) preserve my **gravity**

The astronaut felt weightless in space due to the absence of **gravity**.

comet

n. a celestial object consisting of a nucleus of ice and dust that goes around the sun

synonym : meteor, asteroid, meteoroid

(1) the surface of the **comet**, (2) **comet** Halley

The **comet's** bright tail could be seen in the night sky.

incredibly

adv. in a way that is very difficult to believe; exceedingly or extremely

synonym : enormously, exceptionally, extraordinarily

(1) **incredibly** cheerful character, (2) get **incredibly** insecure

Several cities are experiencing **incredibly** high unemployment rates.

visible

adj. capable of being seen; or open to easy view

synonym : clear, observable, seeable

(1) **visible** stars, (2) **visible** by X-ray

My home is easily **visible** from the shore.

degree

n. 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.

transition

n. the process or period of changing from one state or circumstance to another

synonym : change, growth, shift

(1) **transition** phase, (2) ensure a smooth **transition**

The nation's healthcare system is in **transition** at the moment.

sunlight

n. the light emitted by the sun; the rays of the sun

synonym : daylight, rays, sunshine

(1) a glare of **sunlight**, (2) in direct **sunlight**

Radiation from **sunlight** has a different wavelength.

emit

v. to give off or send out something such as light, heat, sound, gas, etc.

synonym: give off, radiate, expel

(1) **emit** a gamma ray, (2) **emit** air pollution

During the unloading, the container box **emits** a clicking sound.

absorb

v. to take in a fluid or other substance gradually

synonym: consume, soak, ingest

(1) **absorb** energy, (2) **absorb** a shock

The sponge **absorbs** water well.

mass

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

synonym: abundance, crowd, mob

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

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

spit

v. to eject saliva or other liquid from the mouth

synonym: expectorate, saliva, spew

(1) **spit** a bullet, (2) **spit** a mouthful of saliva

She tried to **spit** out the gum that she had been chewing.

scream

v. to give a loud, high shout suddenly, especially because of fear, anger, excitement, etc.; to utter or declare in a very loud voice

synonym: cry, shout, yell

(1) **scream** a profanity, (2) **scream** at him to be quiet

She kept **screaming** for an ambulance.

hurtle

v. to move quickly and forcefully, especially in an uncontrolled or dangerous way

synonym: throw, hurl, fling

(1) **hurtle** into a tunnel, (2) **hurtle** through life
The car **hurtled** down the highway at breakneck speed.

interplanetary

adj. relating to or occurring between planets, particularly regarding space travel or communication

synonym: interstellar, planetary, celestial

(1) **interplanetary** debris, (2) **interplanetary** exploration
Scientists are working on developing **interplanetary** travel to explore other planets in our solar system.

relate

v. to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something

synonym: connect, link, associate

(1) **relate** a story, (2) **relate** a message
He tried to **relate** his experience to the group, but they couldn't understand.

mention

v. to speak or write about something or someone briefly

synonym: reference, allude, cite

(1) **mention** name, (2) **mention** in a report
I **mentioned** to him that I had seen his sister at the grocery store earlier that day.

subtle

adj. not readily apparent or visible

synonym: slight, nuanced, exquisite

(1) **subtle** changes, (2) a **subtle** poison
A famous artist painted the room in a **subtle** pink hue.

trend

n. a general direction in which something is changing or developing

synonym: direction, movement, tendency

(1) an international **trend**, (2) the **trend** away from television
The oil price continued their downward **trend**.

temperature

n. the degree of hotness or coldness of a thing or place
synonym: climate, warmth, degree

(1) extreme **temperatures**, (2) the atmospheric **temperature**

Cities around the world set records for highest **temperatures** this summer.

outcome

n. the result or effect of an action, event, etc.
synonym: result, consequence, effect

(1) improved student **outcomes**, (2) a desirable **outcome**

They awaited news of the **outcome** of the election.

characteristic

n. a typical feature or quality that can identify, tell apart, or describe something or somebody
synonym: feature, quality, attribute

(1) stripes **characteristic** of the zebra, (2) my friend's **characteristic** laugh

Bananas have their **characteristic** taste and odor.

influence

n. the ability to affect someone's or something's character, growth, or behavior, or the effect itself
synonym: power, leverage, effect

(1) **influence** a child's future, (2) **influence** the daily life

The former emperor had a particular **influence** even after he abdicated.

magnetic

adj. having the properties of attracting or repelling certain materials containing iron or steel
synonym: attractive, drawing, hypnotic

(1) **magnetic** field, (2) a **magnetic** tape

The **magnetic** force of the earth keeps our planet spinning.

interior

n. the inside or inner part of something; the space within the walls of a building
synonym: inner, inside, internal

(1) **interior** decoration, (2) plenty of **interior** space

The painter focused on the moody **interiors** of abandoned buildings in his work.

electrical

adj. relating to electricity

(1) an **electrical** storm, (2) degree in **electrical** engineering
Actuators convert **electrical** pulses into motion.

conduct

v. to organize and carry out a particular activity

synonym: behave, lead, carry on

(1) **conduct** a background check, (2) **conduct** research
Police will **conduct** random breath testing for drunk driving.

churning

n. the process of mixing or stirring something vigorously, often to create a frothy or creamy texture; a state of upheaval or turbulence, often referring to the stock market or economy

synonym: agitation, turmoil, commotion

(1) butter **churning**, (2) **churning** emotions

The **churning** of the waves on the beach made it difficult to swim.

fluid

n. a substance that can flow and is not solid

synonym: liquid, aqua, sap

(1) plenty of **fluids**, (2) **fluid** assets

She was diagnosed with a **fluid** buildup in her lungs.

surround

v. to be all around something or somebody

synonym: encircle, encompass, envelop

(1) **surround** a town, (2) a stone wall **surrounds** the palace

On three sides, mountains **surround** the settlement.

compass

n. a navigational instrument for finding directions with a needle that can move easily and that always points to the north; the limit or range of capability

synonym: guideline, borderline, ambit

(1) read a **compass**, (2) sailing without a **compass**

The results were beyond our **compass** of imagination.

congratulation

n. the act of expressing that someone has an occasion for celebration or the expression of pleasure at the success or good fortune of another

synonym : praise, compliment, felicitation

(1) **congratulation** on a promotion, (2) a matter for **congratulation**

The **congratulations** from her friends and family were overwhelming after she won the championship.

doe

n. a mature female of mammals of which the male is called a buck, such as a deer or a rabbit

synonym : rabbit, bunny, hare

(1) **doe** rabbit, (2) buck and **doe**

Hunters use a whistle that makes the **doe** sound to lure stags.

shield

n. a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves

synonym : guard, protection, safeguard

(1) a heat **shield**, (2) a **shield** for protecting against a bullet
Lead is an effective **shield** against X-rays, gamma rays, and other harmful radiation.

deflect

v. to cause something, especially a criticism or attack, to be directed away from someone

synonym : deter, redirect, sidetrack

(1) **deflect** a blow, (2) **deflect** his criticism

The soccer player was able to **deflect** the ball away from the goal.

sneeze

v. to make a sudden, involuntary expulsion of air from the nose and mouth, usually due to irritation caused by the presence of dust, pollen, or other irritants

synonym : exhale, whiff, blow

(1) **sneeze** into my hand, (2) **sneeze** loudly
Whenever I get a cold, I tend to **sneeze** a lot.

colleague

n. one of a group of a coworker, especially in a profession or a business

synonym: coworker, associate, fellow

(1) collaborate with **colleagues**, (2) former **colleague**
I decided to seek counseling on the advice of my **colleague**.

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.

equate

v. to consider or describe one thing as similar, equal, or analogous

synonym: associate, liken, relate

(1) **equate** mistakes with failure, (2) **equate** to legal responsibility

It isn't very reasonable to **equate** money with happiness.

mucus

n. a slimy liquid produced inside the nose and other body parts for lubrication, protection, etc.

synonym: secretion, slime, saliva

(1) airway **mucus**, (2) nasal **mucus**

When the body temperature drops, **mucus** secretion fails.

unprotected

adj. not guarded, covered, or shielded; vulnerable; without protection or defense

synonym: uncovered, defenseless, vulnerable

(1) **unprotected** area, (2) **unprotected** Wi-Fi

It's important never to have **unprotected** sex to prevent the spread of STDs.

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.

interact

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.

apparent

adj. able to see or understand easily or clearly

synonym : obvious, clear, conspicuous

(1) heir **apparent**, (2) **apparent** contradiction

This star is **apparent** to the naked eye.

deposit

n. a sum of money or materials placed or kept in a bank, safety deposit box, or other secure places for safekeeping; a layer of rock, sand, or other material left behind by a flowing liquid or eroding force

synonym : bank, installment, sedimentation

(1) **deposit** money, (2) **deposit** accumulation

I made a **deposit** at the bank to add money to my account.

polar

adj. relating to, or close to, the North or South Pole; characterized by complete opposites

synonym : opposing, contrary, contrasting

(1) **polar** bears, (2) **polar** regions

Polar animals are graceful and efficient swimmers.

aurora

n. a natural appearance of colored light in Earth's sky that is usually seen in high-latitude regions, especially around the Arctic and Antarctic

(1) **aurora** watching, (2) polar **aurora**

Northern and southern hemispheres alike experience the

aurora.

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.

pose

v. to present a risk, problem, or other issues that must be addressed

synonym : present, put, position

(1) **pose** a significant threat to my company, (2) **pose** a challenge

The chemicals **pose** a massive health risk.

spacecraft

n. a vehicle designed to travel through space, typically carrying astronauts or scientific instruments

synonym : spaceship, satellite, probe

(1) **spacecraft** launch, (2) alien **spacecraft**

The human-crewed **spacecraft** successfully landed on the moon, fulfilling its mission.

orbit

n. the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity; (of medicine) the bony cavity in the skull that houses the eyeball and its associated structures, like muscles, nerves, and blood vessels

synonym : path, course, trajectory

(1) the **orbit** of the moon, (2) a planetary **orbit**

The rocket engine is used to put the satellite into **orbit**.

involve

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

synonym : implicate, include, engage

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

The investigation **involves** several government agencies and

is expected to take several months.

combine

v. to join or merge to form a single thing or group
synonym: coalesce, cohere, blend

(1) **combine** chemically with another substance,
(2) **combine** augmented reality

Hydrogen and oxygen **combine** to form water.

environment

n. the natural world such as air, water, and land in which humans, animals, and plants live

synonym: atmosphere, surroundings, climate

(1) **environment** affairs, (2) chaotic **environment**

Every human is responsible for taking care of the Earth's **environment**.

decide

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

synonym: choose, determine, settle

(1) **decide** a question, (2) **decide** on a course of action

She couldn't **decide** whether to order the pizza or the pasta for dinner.

fin

n. a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance

synonym: flipper, appendage, stabilizer

(1) back **fin**, (2) a **fin** of a plane

The shark's powerful **fins** allowed it to swim at high speeds.

moreover

adv. indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before

synonym: furthermore, besides, in addition

(1) **moreover**, she decided to go, (2) but **moreover**, they work well together

The company is environmentally conscious, and **moreover**, it uses sustainable materials in its products.

observe

v. to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion

synonym : watch, monitor, scrutinize

(1) **observe** a tradition, (2) **observe** wildlife

It is important to **observe** safety procedures in the workplace to prevent accidents.

boulder

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

synonym : rock, stone, clump

(1) **boulder** field, (2) lava **boulder**

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

investigate

v. to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth

synonym : examine, analyze, look into

(1) **investigate** the matter, (2) **investigate** a data leak

The committee **investigated** several apparent inconsistencies.

lever

n. a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily

synonym : lifter, crowbar, bar

(1) a gear change **lever**, (2) **lever** for reform

This initiative will be a **lever** for increasing company sales.

observation

n. the act or activity of carefully examining or monitoring something or someone

synonym : watching, notice, reflection

(1) class **observation** day, (2) **observation** instrument

In the hospital, she will remain under constant **observation**.

galaxy

n. an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity

synonym : star cluster, nebula, star system

(1) elliptic **galaxy**, (2) a **galaxy** of famous actors

The Milky Way **galaxy** has numerous water-bearing planets.

addition

n. the act or process of adding something to something else; the process of adding numbers

synonym : accumulation, expansion, addendum

(1) chemical **addition**, (2) **addition** of vectors

In **addition**, private corporations provide healthcare services.

estimate

v. to guess or calculate the cost, size, value, etc. of something

synonym : calculate, gauge, evaluate

(1) **estimate** a fair value, (2) **estimate** this chicken to weigh three pounds

We **estimated** the season's total trade deficit at \$50 billion.

spot

n. a particular location or place; a small round or roundish area, differing in color or feels from the surface around it

synonym : dot, mark, place

(1) beauty **spot**, (2) a **spot** on his honor

This remote **spot** is rarely visited.

desperately

adv. in a way that shows a lack of hope and a willingness to do anything because of the problematic situation; with great urgency

synonym : urgently, perilously, seriously

(1) **desperately** anxious, (2) **desperately** ill patient

The baby clung **desperately** to her mother.

interrogate

v. to examine someone with questions over a lengthy period, especially in an aggressive manner

synonym : question, examine, probe

(1) **interrogate** an enemy soldier, (2) **interrogated** by police

The lawyer spent considerable time to adequately

interrogate the witness.

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.

inference

n. a conclusion reached based on evidence and reasoning; a deduction or assumption

synonym: deduction, conclusion, assumption

(1) make an **inference**, (2) logical **inference**

Based on ice core samples, scientists can draw **inferences** about the Earth's past climate.

candidate

n. a person who is seeking or being considered for some kind of position, title, honor, or award; a job applicant

synonym: applicant, nominee, contender

(1) **candidate** selection, (2) PhD **candidate**

The **candidate's** platform focused on healthcare reform and reducing income inequality.

Session 2: Spelling

1. polar au___a *n.* a natural appearance of colored light in Earth's sky that is usually seen in high-latitude regions, especially around the Arctic and Antarctic
2. in st___e condition *adj.* firm and steady; not easily moved, disturbed, or changed
3. a gear change le__r *n.* a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily
4. a ma____ic tape *adj.* having the properties of attracting or repelling certain materials containing iron or steel
5. es____te a fair value *v.* to guess or calculate the cost, size, value, etc. of something
6. ca__e a statue *v.* to create something by cutting wood or stone; to turn sharply
7. improved student ou____es *n.* the result or effect of an action, event, etc.
8. ca____te selection *n.* a person who is seeking or being considered for some kind of position, title, honor, or award; a job applicant
9. de____t his criticism *v.* to cause something, especially a criticism or attack, to be directed away from someone
10. con_____ion on a promotion *n.* the act of expressing that someone has an occasion for celebration or the expression of pleasure at the success or good fortune of another

ANSWERS: 1. aurora, 2. stable, 3. lever, 4. magnetic, 5. estimate, 6. carve, 7. outcome, 8. candidate, 9. deflect, 10. congratulation

11. hazardous li___d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
12. ab___b a shock *v.* to take in a fluid or other substance gradually
13. sailing without a co____s *n.* a navigational instrument for finding directions with a needle that can move easily and that always points to the north; the limit or range of capability
14. ad____on of vectors *n.* the act or process of adding something to something else; the process of adding numbers
15. colorless li___d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
16. fl__d assets *n.* a substance that can flow and is not solid
17. the ground be____h my feet *adv.* in or to a lower place than someone or something
18. collaborate with co____ues *n.* one of a group of a coworker, especially in a profession or a business
19. have no re____ce *n.* the state or degree of being closely connected or appropriate to the matter at hand
20. the plus p__e *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: 11. liquid, 12. absorb, 13. compass, 14. addition, 15. liquid, 16. fluid, 17. beneath, 18. colleague, 19. relevance, 20. pole

21. a heat sh___d *n.* a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves
22. mo_____er, she decided to go *adv.* indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before
23. a convivial atm_____re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
24. spa_____ft launch *n.* a vehicle designed to travel through space, typically carrying astronauts or scientific instruments
25. inv_____te a data leak *v.* to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth
26. the tr__d away from television *n.* a general direction in which something is changing or developing
27. open-air aud_____um *n.* a room or building used for concerts, plays, or other public performances
28. su___e changes *adj.* not readily apparent or visible
29. p__e a significant threat to my company *v.* to present a risk, problem, or other issues that must be addressed
30. re___d him as an enemy *v.* to think about or consider somebody or something in a specified way
31. surface of Ve__s *n.* the planet second in order from the sun

ANSWERS: 21. shield, 22. moreover, 23. atmosphere, 24. spacecraft, 25. investigate, 26. trend, 27. auditorium, 28. subtle, 29. pose, 30. regard, 31. Venus

32. in_____e a lot of paperwork *v.* to include or affect someone or something as a necessary part of something else
33. elliptic ga____y *n.* an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
34. social di_____ce *n.* the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance
35. ensure a smooth tra_____on *n.* the process or period of changing from one state or circumstance to another
36. driving di_____ce *n.* the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance
37. PhD ca_____te *n.* a person who is seeking or being considered for some kind of position, title, honor, or award; a job applicant
38. buck and d_e *n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
39. a s__t on his honor *n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
40. int_____te an enemy soldier *v.* to examine someone with questions over a lengthy period, especially in an aggressive manner

ANSWERS: 32. involve, 33. galaxy, 34. distance, 35. transition, 36. distance, 37. candidate, 38. doe, 39. spot, 40. interrogate

41. toxic ch____als *adj.* relating to or connected with chemistry;
42. plenty of fl__ds *n.* a substance that can flow and is not solid
43. take in nou_____nt *n.* food or other substances necessary for growth and health
44. co____al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use
45. m_r a proper relationship *v.* to damage or spoil the appearance or surface of something
46. in____ct directly with customers *v.* to communicate or react with somebody
47. ch____ng emotions *n.* the process of mixing or stirring something vigorously, often to create a frothy or creamy texture; a state of upheaval or turbulence, often referring to the stock market or economy
48. make an in____ce *n.* a conclusion reached based on evidence and reasoning; a deduction or assumption
49. mo__e hunting *n.* a large deer native to the northern forests of North America and Eurasia
50. the state of being we__d *adj.* extraordinary, unexpected, or difficult to explain
51. aud____um annex *n.* a room or building used for concerts, plays, or other public performances
52. a desirable ou____e *n.* the result or effect of an action, event, etc.
53. de____t a blow *v.* to cause something, especially a criticism or attack, to be directed away from someone

ANSWERS: 41. chemical, 42. fluid, 43. nourishment, 44. communal, 45. mar, 46. interact, 47. churning, 48. inference, 49. moose, 50. weird, 51. auditorium, 52. outcome, 53. deflect

54. st___c website *adj.* not moving or not capable of moving, not changing or not capable of changing
55. a mag_____nt plan *adj.* extremely beautiful and impressive; grand or noble in thought or deed
56. m_r the reputation *v.* to damage or spoil the appearance or surface of something
57. re___d the situation as unfortunate *v.* to think about or consider somebody or something in a specified way
58. doubling of atm_____ic carbon dioxide *adj.* about or located in the earth's atmosphere
59. re___e a story *v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
60. de___e a word *v.* to state or explain precisely the nature, scope, or meaning of something
61. unp_____ed area *adj.* not guarded, covered, or shielded; vulnerable; without protection or defense
62. eq___e to legal responsibility *v.* to consider or describe one thing as similar, equal, or analogous
63. des_____ly anxious *adv.* in a way that shows a lack of hope and a willingness to do anything because of the problematic situation; with great urgency
64. ob___e wildlife *v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion

ANSWERS: 54. static, 55. magnificent, 56. mar, 57. regard, 58. atmospheric, 59. relate, 60. define, 61. unprotected, 62. equate, 63. desperately, 64. observe

65. res_____on of a conflict *n.* a firm decision or determination to do or not do something; the action of solving a problem, dispute, or conflict; the quality of being resolved or determined; the clarity and sharpness of an image or display
66. de_____t accumulation *n.* a sum of money or materials placed or kept in a bank, safety deposit box, or other secure places for safekeeping; a layer of rock, sand, or other material left behind by a flowing liquid or eroding force
67. former co_____ue *n.* one of a group of a coworker, especially in a profession or a business
68. a ch_____al compound *adj.* relating to or connected with chemistry;
69. au____a watching *n.* a natural appearance of colored light in Earth's sky that is usually seen in high-latitude regions, especially around the Arctic and Antarctic
70. mo__e population *n.* a large deer native to the northern forests of North America and Eurasia
71. back f_n *n.* a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance
72. sn____e into my hand *v.* to make a sudden, involuntary expulsion of air from the nose and mouth, usually due to irritation caused by the presence of dust, pollen, or other irritants

ANSWERS: 65. resolution, 66. deposit, 67. colleague, 68. chemical, 69. aurora, 70. moose, 71. fin, 72. sneeze

73. inc_____ly cheerful character *adv.* in a way that is very difficult to believe; exceedingly or extremely
74. logical in_____ce *n.* a conclusion reached based on evidence and reasoning; a deduction or assumption
75. save the pl____t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
76. in_____ct with one another *v.* to communicate or react with somebody
77. sn____e loudly *v.* to make a sudden, involuntary expulsion of air from the nose and mouth, usually due to irritation caused by the presence of dust, pollen, or other irritants
78. potted su_____nt *adj.* having thick and fleshy leaves or stems that can store water, typically used to describe plants in arid environments; (noun) a type of plant that has thick, fleshy leaves or stems that are capable of storing water
79. e__t air pollution *v.* to give off or send out something such as light, heat, sound, gas, etc.
80. the surface of the co__t *n.* a celestial object consisting of a nucleus of ice and dust that goes around the sun
81. le__r for reform *n.* a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily

ANSWERS: 73. incredibly, 74. inference, 75. planet, 76. interact, 77. sneeze, 78. succulent, 79. emit, 80. comet, 81. lever

82. t__p an animal *n.* a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping
83. m__d allergy *n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long
84. unp_____ed Wi-Fi *adj.* not guarded, covered, or shielded; vulnerable; without protection or defense
85. ev___e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
86. a fishing p__e *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
87. set a t__p *n.* a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping
88. co_____e chemically with another substance *v.* to join or merge to form a single thing or group
89. in_____ce the daily life *n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself

ANSWERS: 82. trap, 83. mold, 84. unprotected, 85. evolve, 86. pole, 87. trap, 88. combine, 89. influence

90. su_____nt plant *adj.* having thick and fleshy leaves or stems that can store water, typically used to describe plants in arid environments; (noun) a type of plant that has thick, fleshy leaves or stems that are capable of storing water
91. my friend's cha_____tic laugh *n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
92. sc___m a profanity *v.* to give a loud, high shout suddenly, especially because of fear, anger, excitement, etc.; to utter or declare in a very loud voice
93. pa_____le energy *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
94. carbon dioxide in the atm_____re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
95. a det_____nt of crop yields *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
96. meet req_____nt *n.* something that is needed or wanted
97. stripes cha_____tic of the zebra *n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
98. int_____ary exploration *adj.* relating to or occurring between planets, particularly regarding space travel or communication

ANSWERS: 90. succulent, 91. characteristic, 92. scream, 93. particle, 94. atmosphere, 95. determinant, 96. requirement, 97. characteristic, 98. interplanetary

99. co____t a background check *v.* to organize and carry out a particular activity
100. su____e a plane crash *v.* to live or exist despite a dangerous event or period
101. record driving aut_____lly *adv.* without needing a direct human control
102. heir ap____nt *adj.* able to see or understand easily or clearly
103. po__r bears *adj.* relating to, or close to, the North or South Pole; characterized by complete opposites
104. an ab____nt supply of water *adj.* present in great quantity
105. vi____e by X-ray *adj.* capable of being seen; or open to easy view
106. su____nd a town *v.* to be all around something or somebody
107. read a co____s *n.* a navigational instrument for finding directions with a needle that can move easily and that always points to the north; the limit or range of capability
108. aut_____lly adjusted *adv.* without needing a direct human control
109. obs_____on instrument *n.* the act or activity of carefully examining or monitoring something or someone
110. coast st__p *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.
111. a stone wall su____nds the palace *v.* to be all around something or somebody

ANSWERS: 99. conduct, 100. survive, 101. automatically, 102. apparent, 103. polar, 104. abundant, 105. visible, 106. surround, 107. compass, 108. automatically, 109. observation, 110. strip, 111. surround

112. su____e a blizzard *v.* to live or exist despite a dangerous event or period
113. environmental det____nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
114. ma____ic field *adj.* having the properties of attracting or repelling certain materials containing iron or steel
115. me____n in a report *v.* to speak or write about something or someone briefly
116. chaotic env____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
117. de____p a strategy *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
118. bo____r field *n.* a large, smooth rock, typically one that has been worn away from a cliff or mountain by erosion
119. eq____e mistakes with failure *v.* to consider or describe one thing as similar, equal, or analogous
120. be____h contempt *adv.* in or to a lower place than someone or something
121. ob____e a tradition *v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion

ANSWERS: 112. survive, 113. determinant, 114. magnetic, 115. mention, 116. environment, 117. develop, 118. boulder, 119. equate, 120. beneath, 121. observe

122. ap_____nt contradiction *adj.* able to see or understand easily or clearly
123. in_____ce a child's future *n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself
124. alien spa_____ft *n.* a vehicle designed to travel through space, typically carrying astronauts or scientific instruments
125. a su___e poison *adj.* not readily apparent or visible
126. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
127. have a st___e job *adj.* firm and steady; not easily moved, disturbed, or changed
128. st__p a tire off *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.
129. a m__s of molten rock *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
130. trigger a re_____on *n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
131. in direct su_____ht *n.* the light emitted by the sun; the rays of the sun
132. co_____al combination of funds *adj.* belonging to or used by a group rather than individuals; for common use

ANSWERS: 122. apparent, 123. influence, 124. spacecraft, 125. subtle, 126. complexity, 127. stable, 128. strip, 129. mass, 130. reaction, 131. sunlight, 132. communal

133. a casting m__d *n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long
134. es____te this chicken to weigh three pounds *v.* to guess or calculate the cost, size, value, etc. of something
135. e__t a gamma ray *v.* to give off or send out something such as light, heat, sound, gas, etc.
136. sc____m at him to be quiet *v.* to give a loud, high shout suddenly, especially because of fear, anger, excitement, etc.; to utter or declare in a very loud voice
137. ac____e success *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
138. p__e a challenge *v.* to present a risk, problem, or other issues that must be addressed
139. st____c electricity *adj.* not moving or not capable of moving, not changing or not capable of changing
140. hu____e through life *v.* to move quickly and forcefully, especially in an uncontrolled or dangerous way
141. chemical re____on *n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others

ANSWERS: 133. mold, 134. estimate, 135. emit, 136. scream, 137. achieve, 138. pose, 139. static, 140. hurtle, 141. reaction

142. the attraction of gr____y *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
143. a sh____d for protecting against a bullet *n.* a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves
144. an ele_____al storm *adj.* relating to electricity
145. beauty s__t *n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
146. chemical ad_____on *n.* the act or process of adding something to something else; the process of adding numbers
147. the atmospheric tem_____re *n.* the degree of hotness or coldness of a thing or place
148. mu_____om spores *n.* a type of fungus that grows on dead or decaying organic matter and typically has a stalk and an umbrella-shaped cap
149. display res_____on *n.* a firm decision or determination to do or not do something; the action of solving a problem, dispute, or conflict; the quality of being resolved or determined; the clarity and sharpness of an image or display
150. de___e my position *v.* to state or explain precisely the nature, scope, or meaning of something
151. a f_n of a plane *n.* a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance

ANSWERS: 142. gravity, 143. shield, 144. electrical, 145. spot, 146. addition, 147. temperature, 148. mushroom, 149. resolution, 150. define, 151. fin

152. an international tr__d *n.* a general direction in which something is changing or developing
153. s__t a bullet *v.* to eject saliva or other liquid from the mouth
154. su_____t that he is sick *v.* to consider anything to be actual or probable
155. de___e on a course of action *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
156. a mag_____nt mountain *adj.* extremely beautiful and impressive; grand or noble in thought or deed
157. mu_____om cultivation *n.* a type of fungus that grows on dead or decaying organic matter and typically has a stalk and an umbrella-shaped cap
158. ac_____e milestones *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
159. de___e centigrade *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
160. a glare of su_____ht *n.* the light emitted by the sun; the rays of the sun
161. und_____nd 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
162. critical m__s *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

ANSWERS: 152. trend, 153. spit, 154. suspect, 155. decide, 156. magnificent, 157. mushroom, 158. achieve, 159. degree, 160. sunlight, 161. underground, 162. mass

163. an egg sh__l *n.* hard outer covering or case of eggs, nuts, some seeds, and some animals
164. the or__t of the moon *n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity; (of medicine) the bony cavity in the skull that houses the eyeball and its associated structures, like muscles, nerves, and blood vessels
165. re___e a message *v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
166. co_____t research *v.* to organize and carry out a particular activity
167. extreme tem_____res *n.* the degree of hotness or coldness of a thing or place
168. su_____t a plot *v.* to consider anything to be actual or probable
169. s__t a mouthful of saliva *v.* to eject saliva or other liquid from the mouth
170. de___e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
171. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
172. pl___t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

ANSWERS: 163. shell, 164. orbit, 165. relate, 166. conduct, 167. temperature, 168. suspect, 169. spit, 170. decide, 171. complexity, 172. planet

173. source of nou_____nt *n.* food or other substances necessary for growth and health
174. cast i_y eyes *adj.* covered with ice or frost; very cold; lacking warmth or friendliness
175. airway mu__s *n.* a slimy liquid produced inside the nose and other body parts for lubrication, protection, etc.
176. a ga___y of famous actors *n.* an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
177. preserve my gr_____y *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
178. int_____ted by police *v.* to examine someone with questions over a lengthy period, especially in an aggressive manner
179. a mollusk sh__l *n.* hard outer covering or case of eggs, nuts, some seeds, and some animals
180. co_____e augmented reality *v.* to join or merge to form a single thing or group
181. v__y directly with the price *v.* to become different in terms of size, shape, etc.
182. a planetary or__t *n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity; (of medicine) the bony cavity in the skull that houses the eyeball and its associated structures, like muscles, nerves, and blood vessels

ANSWERS: 173. nourishment, 174. icy, 175. mucus, 176. galaxy, 177. gravity, 178. interrogate, 179. shell, 180. combine, 181. vary, 182. orbit

183. live an ab_____nt life *adj.* present in great quantity
184. class obs_____on day *n.* the act or activity of carefully examining or monitoring something or someone
185. plenty of in_____or space *n.* the inside or inner part of something; the space within the walls of a building
186. but mo_____er, they work well together *adv.* indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before
187. atm_____ic pressure *adj.* about or located in the earth's atmosphere
188. vi_____e stars *adj.* capable of being seen; or open to easy view
189. a matter for con_____ion *n.* the act of expressing that someone has an occasion for celebration or the expression of pleasure at the success or good fortune of another
190. ab____b energy *v.* to take in a fluid or other substance gradually
191. school req_____nt *n.* something that is needed or wanted
192. d_e rabbit *n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
193. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
194. bachelor's de____e *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment

ANSWERS: 183. abundant, 184. observation, 185. interior, 186. moreover, 187. atmospheric, 188. visible, 189. congratulation, 190. absorb, 191. requirement, 192. doe, 193. environment, 194. degree

195. hu___e into a tunnel *v.* to move quickly and forcefully, especially in an uncontrolled or dangerous way
196. ev___e *v.* to develop gradually, or to cause the development of something or someone gradually
197. ca__e my name on the plate *v.* to create something by cutting wood or stone; to turn sharply
198. v__y according to the age *v.* to become different in terms of size, shape, etc.
199. de_____t money *n.* a sum of money or materials placed or kept in a bank, safety deposit box, or other secure places for safekeeping; a layer of rock, sand, or other material left behind by a flowing liquid or eroding force
200. i_y clouds *adj.* covered with ice or frost; very cold; lacking warmth or friendliness
201. tra_____on phase *n.* the process or period of changing from one state or circumstance to another
202. inv_____te the matter *v.* to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth
203. charged pa_____le *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
204. re_____ce category *n.* the state or degree of being closely connected or appropriate to the matter at hand

ANSWERS: 195. hurtle, 196. evolve, 197. carve, 198. vary, 199. deposit, 200. icy, 201. transition, 202. investigate, 203. particle, 204. relevance

205. Ve__s orbiter *n.* the planet second in order from the sun
206. water flowing und_____nd *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
207. de____p 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
208. nasal mu__s *n.* a slimy liquid produced inside the nose and other body parts for lubrication, protection, etc.
209. a we__d dress *adj.* extraordinary, unexpected, or difficult to explain
210. lava bo____r *n.* a large, smooth rock, typically one that has been worn away from a cliff or mountain by erosion
211. co__t Halley *n.* a celestial object consisting of a nucleus of ice and dust that goes around the sun
212. get inc_____ly insecure *adv.* in a way that is very difficult to believe; exceedingly or extremely
213. butter ch____ng *n.* the process of mixing or stirring something vigorously, often to create a frothy or creamy texture; a state of upheaval or turbulence, often referring to the stock market or economy

ANSWERS: 205. Venus, 206. underground, 207. develop, 208. mucus, 209. weird, 210. boulder, 211. comet, 212. incredibly, 213. churning

214. degree in ele_____al engineering *adj.* relating to electricity
215. in_____or decoration *n.* the inside or inner part of something; the space within the walls of a building
216. po__r regions *adj.* relating to, or close to, the North or South Pole; characterized by complete opposites
217. des_____ly ill patient *adv.* in a way that shows a lack of hope and a willingness to do anything because of the problematic situation; with great urgency
218. me_____n name *v.* to speak or write about something or someone briefly
219. in_____e a high degree of risk *v.* to include or affect someone or something as a necessary part of something else
220. int_____ary debris *adj.* relating to or occurring between planets, particularly regarding space travel or communication

ANSWERS: 214. electrical, 215. interior, 216. polar, 217. desperately, 218. mention, 219. involve, 220. interplanetary

Session 3: Fill in the Blanks

1. On three sides, mountains _____ the settlement.
v. to be all around something or somebody

2. He made a New Year's _____ to exercise more and eat healthier.
n. a firm decision or determination to do or not do something; the action of solving a problem, dispute, or conflict; the quality of being resolved or determined; the clarity and sharpness of an image or display

3. The lawyer spent considerable time to adequately _____ the witness.
v. to examine someone with questions over a lengthy period, especially in an aggressive manner

4. The scratches on the car _____ its otherwise perfect appearance.
v. to damage or spoil the appearance or surface of something

5. This initiative will be a _____ for increasing company sales.
n. a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily

6. Radiation from _____ has a different wavelength.
n. the light emitted by the sun; the rays of the sun

7. The sea surface temperature and _____ circulation are inextricably linked.
adj. about or located in the earth's atmosphere

8. The painter focused on the moody _____ of abandoned buildings in his work.
n. the inside or inner part of something; the space within the walls of a building

ANSWERS: 1. surround, 2. resolution, 3. interrogate, 4. marred, 5. lever, 6. sunlight, 7. atmospheric, 8. interiors

9. I will work hard to _____ my goals and realize my dreams.
- v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
10. Based on ice core samples, scientists can draw _____ about the Earth's past climate.
- n.* a conclusion reached based on evidence and reasoning; a deduction or assumption
11. What is the entry _____ for this course?
- n.* something that is needed or wanted
12. The investigation _____ several government agencies and is expected to take several months.
- v.* to include or affect someone or something as a necessary part of something else
13. The _____ of the waves on the beach made it difficult to swim.
- n.* the process of mixing or stirring something vigorously, often to create a frothy or creamy texture; a state of upheaval or turbulence, often referring to the stock market or economy
14. The hikers had to climb over a _____ that was blocking their path.
- n.* a large, smooth rock, typically one that has been worn away from a cliff or mountain by erosion
15. Several cities are experiencing _____ high unemployment rates.
- adv.* in a way that is very difficult to believe; exceedingly or extremely
16. Eyeless fish _____ in dark caves.
- v.* to develop gradually, or to cause the development of something or someone gradually

ANSWERS: 9. achieve, 10. inferences, 11. requirement, 12. involves, 13. churning, 14. boulder, 15. incredibly, 16. evolved

17. The ___ surface of the pond was not safe for skating.

adj. covered with ice or frost; very cold; lacking warmth or friendliness

18. This remote _____ is rarely visited.

n. a particular location or place; a small round or roundish area, differing in color or feels from the surface around it

19. It is important to _____ safety procedures in the workplace to prevent accidents.

v. to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion

20. The _____ from her friends and family were overwhelming after she won the championship.

n. the act of expressing that someone has an occasion for celebration or the expression of pleasure at the success or good fortune of another

21. The _____ platform focused on healthcare reform and reducing income inequality.

n. a person who is seeking or being considered for some kind of position, title, honor, or award; a job applicant

22. We _____ the season's total trade deficit at \$50 billion.

v. to guess or calculate the cost, size, value, etc. of something

23. Hunters use a whistle that makes the ___ sound to lure stags.

n. a mature female of mammals of which the male is called a buck, such as a deer or a rabbit

ANSWERS: 17. icy, 18. spot, 19. observe, 20. congratulations, 21. candidate's, 22. estimated, 23. doe

24. The cops _____ him of being the killer.

v. to consider anything to be actual or probable

25. When the body temperature drops, _____ secretion fails.

n. a slimy liquid produced inside the nose and other body parts for lubrication, protection, etc.

26. The results were beyond our _____ of imagination.

n. a navigational instrument for finding directions with a needle that can move easily and that always points to the north; the limit or range of capability

27. My home is easily _____ from the shore.

adj. capable of being seen; or open to easy view

28. She kept _____ for an ambulance.

v. to give a loud, high shout suddenly, especially because of fear, anger, excitement, etc.; to utter or declare in a very loud voice

29. The oil price continued their downward _____.

n. a general direction in which something is changing or developing

30. My computer has been acting _____ recently.

adj. extraordinary, unexpected, or difficult to explain

31. Bananas have their _____ taste and odor.

n. a typical feature or quality that can identify, tell apart, or describe something or somebody

32. The human-crewed _____ successfully landed on the moon, fulfilling its mission.

n. a vehicle designed to travel through space, typically carrying astronauts or scientific instruments

ANSWERS: 24. suspected, 25. mucus, 26. compass, 27. visible, 28. screaming, 29. trend, 30. weird, 31. characteristic, 32. spacecraft

33. She couldn't _____ whether to order the pizza or the pasta for dinner.
v. to make up someone's mind about something; to come to a conclusion or judgment after considering options
34. There was a chemical _____ of the lime with the groundwater.
n. a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
35. In _____ private corporations provide healthcare services.
n. the act or process of adding something to something else; the process of adding numbers
36. Scientists are working on developing _____ travel to explore other planets in our solar system.
adj. relating to or occurring between planets, particularly regarding space travel or communication
37. The former emperor had a particular _____ even after he abdicated.
n. the ability to affect someone's or something's character, growth, or behavior, or the effect itself
38. The soccer player was able to _____ the ball away from the goal.
v. to cause something, especially a criticism or attack, to be directed away from someone
39. The chemicals _____ a massive health risk.
v. to present a risk, problem, or other issues that must be addressed
40. The North _____ is the northernmost point on Earth.
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: 33. decide, 34. reaction, 35. addition, 36. interplanetary, 37. influence, 38. deflect, 39. pose, 40. Pole

41. She was diagnosed with a _____ buildup in her lungs.

n. a substance that can flow and is not solid

42. The _____ scene of the glacier is awe-inspiring.

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

43. Having _____ parking has been very beneficial throughout the winter.

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

44. To advance this discussion, we must _____ "success" rigorously.

v. to state or explain precisely the nature, scope, or meaning of something

45. Whenever I get a cold, I tend to _____ a lot.

v. to make a sudden, involuntary expulsion of air from the nose and mouth, usually due to irritation caused by the presence of dust, pollen, or other irritants

46. The enemy fell right into the _____.

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

47. They awaited news of the _____ of the election.

n. the result or effect of an action, event, etc.

48. She tried to _____ out the gum that she had been chewing.

v. to eject saliva or other liquid from the mouth

49. The _____ image on the screen took a lot of work to make out.

adj. not moving or not capable of moving, not changing or not capable of changing

ANSWERS: 41. fluid, 42. magnificent, 43. underground, 44. define, 45. sneeze, 46. trap, 47. outcome, 48. spit, 49. static

50. The _____ seating was filled with people waiting for the concert to begin.
n. a room or building used for concerts, plays, or other public performances
51. She received her _____ in psychology from the university.
n. a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
52. These birds can only _____ in temperate climates.
v. to live or exist despite a dangerous event or period
53. One _____ of success is having a positive attitude and a strong work ethic.
n. a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
54. The country has _____ oil and natural gas resources.
adj. present in great quantity
55. Northern and southern hemispheres alike experience the _____.
n. a natural appearance of colored light in Earth's sky that is usually seen in high-latitude regions, especially around the Arctic and Antarctic
56. The antlers of a bull _____ can grow up to 6 feet in width and weigh over 60 pounds.
n. a large deer native to the northern forests of North America and Eurasia
57. The _____ force of the earth keeps our planet spinning.
adj. having the properties of attracting or repelling certain materials containing iron or steel

ANSWERS: 50. auditorium, 51. degree, 52. survive, 53. determinant, 54. abundant, 55. aurora, 56. moose, 57. magnetic

58. The shark's powerful _____ allowed it to swim at high speeds.

n. a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance

59. We can calculate the position of the _____ statistically.

n. a small piece of something; a word or piece of a term with grammatical function but little or no significance

60. Every human is responsible for taking care of the Earth's _____.

n. the natural world such as air, water, and land in which humans, animals, and plants live

61. The project's _____ made it difficult for the team to complete it on time.

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

62. The _____ bright tail could be seen in the night sky.

n. a celestial object consisting of a nucleus of ice and dust that goes around the sun

63. Our subscription plan is _____ renewed.

adv. without needing a direct human control

64. This statue is _____ from a single tree trunk.

v. to create something by cutting wood or stone; to turn sharply

65. The sponge _____ water well.

v. to take in a fluid or other substance gradually

66. The baby clung _____ to her mother.

adv. in a way that shows a lack of hope and a willingness to do anything because of the problematic situation; with great urgency

ANSWERS: 58. fins, 59. particles, 60. environment, 61. complexity, 62. comet's, 63. automatically, 64. carved, 65. absorbs, 66. desperately

67. Maximum heart rates _____ a lot for each individual.
v. to become different in terms of size, shape, etc.
68. _____ elections were held in several European countries.
adj. belonging to or used by a group rather than individuals; for common use
69. I _____ to him that I had seen his sister at the grocery store earlier that day.
v. to speak or write about something or someone briefly
70. I made a _____ at the bank to add money to my account.
n. a sum of money or materials placed or kept in a bank, safety deposit box, or other secure places for safekeeping; a layer of rock, sand, or other material left behind by a flowing liquid or eroding force
71. In the hospital, she will remain under constant _____.
n. the act or activity of carefully examining or monitoring something or someone
72. The sponge takes up the _____ well.
n. a substance, such as water or oil that flows freely and is neither a solid nor a gas
73. The marathon runner covered a long _____ in a short amount of time.
n. the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance
74. 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.

ANSWERS: 67. vary, 68. Communal, 69. mentioned, 70. deposit, 71. observation, 72. liquid, 73. distance, 74. strip

75. Hydrogen and oxygen _____ to form water.

v. to join or merge to form a single thing or group

76. The _____ risotto was delicious, but I couldn't identify all the mushrooms in it.

n. a type of fungus that grows on dead or decaying organic matter and typically has a stalk and an umbrella-shaped cap

77. The rocket engine is used to put the satellite into _____.

n. the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity; (of medicine) the bony cavity in the skull that houses the eyeball and its associated structures, like muscles, nerves, and blood vessels

78. The company is environmentally conscious, and _____ it uses sustainable materials in its products.

adv. indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before

79. He tried to _____ his experience to the group, but they couldn't understand.

v. to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something

80. He should _____ more with his colleagues.

v. to communicate or react with somebody

81. The outermost electron _____ determines the chemical properties of an atom.

n. hard outer covering or case of eggs, nuts, some seeds, and some animals

ANSWERS: 75. combine, 76. mushroom, 77. orbit, 78. moreover, 79. relate, 80. interact, 81. shell

82. Relations between the two countries have been relatively _____ due to the summit meeting.

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

83. The _____ of people who do not own property is politically impotent.

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

84. The spaceship began to burn up as it approached the Earth's _____.

n. the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

85. A famous artist painted the room in a _____ pink hue.

adj. not readily apparent or visible

86. _____ animals are graceful and efficient swimmers.

adj. relating to, or close to, the North or South Pole; characterized by complete opposites

87. The tropical island is known for its _____ seafood dishes featuring fresh fish, lobster, and shrimp.

adj. having thick and fleshy leaves or stems that can store water, typically used to describe plants in arid environments; (noun) a type of plant that has thick, fleshy leaves or stems that are capable of storing water

88. We must _____ a new system to streamline our workflow and increase efficiency.

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

ANSWERS: 82. stable, 83. mass, 84. atmosphere, 85. subtle, 86. Polar, 87. succulent, 88. develop

89. During the unloading, the container box _____ a clicking sound.
- v.* to give off or send out something such as light, heat, sound, gas, etc.
90. Lead is an effective _____ against X-rays, gamma rays, and other harmful radiation.
- n.* a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves
91. Police will _____ random breath testing for drunk driving.
- v.* to organize and carry out a particular activity
92. They launched a rocket toward _____.
- n.* the planet second in order from the sun
93. Mushrooms and _____ are fungi.
- n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long
94. The Milky Way _____ has numerous water-bearing planets.
- n.* an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
95. The astronaut felt weightless in space due to the absence of _____.
- 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
96. The nation's healthcare system is in _____ at the moment.
- n.* the process or period of changing from one state or circumstance to another

ANSWERS: 89. emits, 90. shield, 91. conduct, 92. Venus, 93. mold, 94. galaxy, 95. gravity, 96. transition

97. A great stretch of the lake lay _____ them.

adv. in or to a lower place than someone or something

98. Proper _____ is essential for a healthy body and mind.

n. food or other substances necessary for growth and health

99. Mercury is the closest _____ to the sun.

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

100. Frugality and industry are still _____ as virtues.

v. to think about or consider somebody or something in a specified way

101. This star is _____ to the naked eye.

adj. able to see or understand easily or clearly

102. The firm has grown into a large _____ manufacturing.

adj. relating to or connected with chemistry;

103. The committee _____ several apparent inconsistencies.

v. to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth

104. It's important never to have _____ sex to prevent the spread of STDs.

adj. not guarded, covered, or shielded; vulnerable; without protection or defense

105. Cities around the world set records for highest _____ this summer.

n. the degree of hotness or coldness of a thing or place

ANSWERS: 97. beneath, 98. nourishment, 99. planet, 100. regarded, 101. apparent, 102. chemical, 103. investigated, 104. unprotected, 105. temperatures

106. It isn't very reasonable to _____ money with happiness.

v. to consider or describe one thing as similar, equal, or analogous

107. The car _____ down the highway at breakneck speed.

v. to move quickly and forcefully, especially in an uncontrolled or dangerous way

108. I decided to seek counseling on the advice of my _____.

n. one of a group of a coworker, especially in a profession or a business

109. Actuators convert _____ pulses into motion.

adj. relating to electricity

110. The _____ of this information to the current situation needs to be investigated.

n. the state or degree of being closely connected or appropriate to the matter at hand

ANSWERS: 106. equate, 107. hurtled, 108. colleague, 109. electrical, 110. relevance