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Vocabulary Builder Reference from...

Stephen Petranek: Your kids might live on Mars.

Here's how they'll survive | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

strap

n. a long, narrow strip or belt of leather, fabric, or another material used for binding, fastening, or supporting something or someone; a band or string that attaches one object to another, often used to secure items during transport

synonym : band, belt, sling

(1) leather **strap**, (2) camera **strap**

The athlete tightened the **strap** on his running shoes before the race.

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.

astronaut

n. a person trained by a space agency to travel outside the Earth's atmosphere

synonym : spaceman, cosmonaut

(1) **astronaut** mission, (2) **astronaut** in training

The shuttle **astronaut** trained for months before embarking on the space mission.

colonize

v. to establish a colony in or on a specific place; to settle or occupy in large numbers

synonym : settle, occupy, inhabit

(1) **colonize** planets, (2) **colonize** for cultivation

European powers **colonized** much of the Americas in the 16th and 17th centuries.

preposterous

adj. absurd, ridiculous, or contrary to reason or common sense

synonym : ridiculous, absurd, nonsensical

(1) **preposterous** claim, (2) **preposterous** price

The idea that aliens built the pyramids is **preposterous**.

discuss

v. to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic

synonym : talk about, converse, debate

(1) **discuss** options, (2) **discuss** solutions

We need to **discuss** the next steps for the project during our meeting tomorrow.

obvious

adj. easy to see, discover or understand

synonym : apparent, conspicuous, evident

(1) **obvious** reasons, (2) his conclusion was **obvious**

There are **obvious** differences between the two wine-producing regions.

suddenly

adv. quickly and unexpectedly

synonym : abruptly, unexpectedly, unawares

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

Who answers **suddenly** knows little.

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.

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**.

whim

n. a sudden idea or desire, especially one that cannot be reasonably explained

synonym: fancy, caprice, whimsy

(1) at the **whim** of circumstance, (2) **whim** of youth
He quit his job on a **whim** and moved to a new city.

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.

asteroid

n. a small rocky body orbiting the sun, typically in the region between Mars and Jupiter

synonym: minor planet, planetoid, rocky planetesimal

(1) **asteroid** mining, (2) **asteroid** explorer
Scientists are studying the composition and origins of the **asteroid** belt to understand the early solar system better.

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.

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.

tragedy

n. an event or situation causing great loss, misfortune, or destruction; a play or literature that deals with a severe and sad event and often ends with the death of the main character

synonym : disaster, adversity, calamity

(1) a **tragedy** during work, (2) the aftermath of this **tragedy**

Macbeth is a famous **tragedy** by Shakespeare.

accomplished

adj. having completed a task or achieved a goal successfully; skilled or proficient at something

synonym : achieved, finished, completed

(1) **accomplished** at a very early age, (2) **accomplished** goal

She felt **accomplished** after finishing her book.

obliterate

v. to wipe out, destroy, or conceal all signs of something utterly; to remove completely from recognition or memory

synonym : destroy, eliminate, erase

(1) **obliterate** all traces, (2) **obliterate** data

The accident at that nuclear power plant **obliterated** the local ecosystem.

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.

horizon

n. the line at which the earth's surface and the sky appear to meet; the range of interest or activity that can be anticipated

synonym : skyline, view, visible boundary

(1) the event **horizon** of a black hole, (2) business **horizon**
As the sun set, the colors of the sky merged with the **horizon**, creating a beautiful orange and pink hue.

prosper

v. to be successful or thriving, especially financially; to grow and develop well; to flourish

synonym: thrive, flourish, succeed

(1) **prosper** in the long run, (2) **prosper** as a trading hub
With careful planning and hard work, she was able to **prosper** in her new business venture.

advance

v. to go or move forward; to develop in a positive way

synonym: progress, boost, come along

(1) **advance** the technology, (2) **advance** a cooperative relationship

Scientific knowledge will **advance** significantly with the power of AI.

thrive

v. to grow vigorously; to make steady progress

synonym: bloom, flourish, prosper

(1) **thrive** in a society, (2) **thrive** on pressure

Without investment, a business cannot **thrive**.

colony

n. 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.

screw

v. to turn something, such as a bolt, with a driver or wrench to tighten or loosen it; (noun) a cylindrical rod with a helical ridge used to fasten things together

synonym: tighten, fix, secure

(1) **screw** the cap, (2) a female **screw**

He had to **screw** the loose knob back onto the cabinet door.

excite

v. to make someone feel suddenly enthusiastic or eager
synonym: thrill, exhilarate, animate

(1) **excite** the crowd, (2) **excite** rebellion

The news of her promotion **excited** her.

inspire

v. to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

synonym: boost, encourage, enlighten

(1) **inspire** a feeling of curiosity, (2) **inspire** him to write a novel

The unique style of this martial arts **inspired** many action film producers.

struggle

v. to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction

synonym: toil, strive, compete

(1) **struggle** against discrimination, (2) **struggle** to get the job

He could not **struggle** against temptation.

precious

adj. uncommon and extremely valuable

synonym: adored, cherished, valued

(1) price of **precious** metals, (2) **precious** information

We cannot afford to squander **precious** time.

extraordinary

adj. exceptional, unexpected, very unusual; surpassing the ordinary or usual

synonym: exceptional, noteworthy, astonishing

(1) **extraordinary** ability, (2) **extraordinary** weather

He narrated the **extraordinary** story of his adventure.

adventure

n. a journey or a series of events that is unusual, exciting, or dangerous

synonym: experience, happening, incident

(1) gastronomic **adventures**, (2) **adventure** film

He sailed the Atlantic Ocean multiple times during his **adventures**.

undertake

v. to do or begin to do something, such as an enterprise or responsibility

synonym: assume, take on, embark

(1) **undertake** an enterprise, (2) **undertake** routine duties

Young people in this country should **undertake** military duties.

fascinating

adj. extremely interesting

synonym: alluring, intriguing, captivating

(1) **fascinating** story, (2) completely **fascinating** to me

The museum houses a **fascinating** collection of Celtic artifacts.

represent

v. to speak, act, or be present on behalf of another person or group; to form or constitute

synonym: depict, express, describe

(1) **represent** by a diagram, (2) the characters that **represent** numbers

We elected him to **represent** us at the international conference.

equivalent

n. having the same value, quality, meaning, purpose, etc.

synonym: equal, counterpart, match

(1) **equivalent** amounts, (2) **equivalent** in meaning

The European Central Bank is Europe's **equivalent** of the Federal Reserve.

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.

breath

n. the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs

synonym: air, puff, whiff

(1) hold your **breath**, (2) **breath** of wind

He bated his **breath** when talking about this affair.

carbon

n. a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals

(1) **carbon** dioxide, (2) **carbon** emission

Trees absorb **carbon** dioxide and give off oxygen.

oxide

n. a chemical compound that contains at least one oxygen atom and one other element

(1) silver **oxide**, (2) combined **oxide**

The blood's red coloring comes from iron **oxide**.

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.

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.

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**.

livable

adj. capable of being lived in comfortably and sustainably; suitable for human habitation

synonym : habitable, comfortable, pleasant

(1) **livable** city, (2) **livable** housing

Finding a safe and **livable** neighborhood is important when looking for a new place to live.

launch

v. to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time

synonym : start, initiate, begin

(1) **launch** a spaceship into orbit, (2) **launch** a big attack

The company is set to **launch** its new product line next month.

specific

adj. clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

synonym : particular, definite, distinct

(1) **specific** instructions, (2) industry- **specific** regulations

The scientist conducted a study that provided **specific** details about the species' behavior.

align

v. to put or arrange two or more things in a straight line or to form a straight line

synonym : coordinate, regulate, adjust

(1) **align** the economic interest of each other, (2) **align** with a historical trend

Both parties are now entirely ideologically **aligned**.

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.

rocket

n. a large tube-shaped object that moves very fast by a stream of gases let out behind it, used for space travel or as a weapon

synonym : projectile, missile

(1) **rocket** attack against the enemy, (2) **rocket** fuel

The **rocket** launch platform is visible from this hill.

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**.

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**.

tin

n. a silvery-white metal that is typically soft and malleable, often used to make containers or packaging materials; a thin sheet of metal or metal alloy used for a variety of purposes

synonym : can, container, receptacle

(1) **tin** can, (2) **tin** foil

The roof of the old shed was made of rusty **tin**.

louse

n. a small, wingless insect that lives on the bodies of mammals and birds, often considered a parasite; a contemptible or despicable person

synonym : bug, insect, parasite

(1) pubic **louse**, (2) **louse** egg

The child was sent home from school because of a lice infestation caused by one **louse**.

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.

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.

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.

shuttle

n. a vehicle or boat that regularly moves between two places; bobbin that passes the weft thread between the warp threads

synonym : ferry, transport, convey

(1) space **shuttle**, (2) **shuttle** service

The **shuttle** bus will take you to the airport in 15 minutes.

pundit

n. an expert, authority, or knowledgeable commentator who frequently expresses opinions or gives analysis on a particular subject or issue

synonym : expert, commentator, punditry

(1) conservative **pundit**, (2) sports **pundit**

The political **pundit** provided analysis and commentary on

the latest election results.

achievement

n. a thing that someone has accomplished, primarily through their effort and ability

synonym: accomplishment, attainment, triumph

(1) student **achievement**, (2) a remarkable **achievement**

This **achievement** has never been formally accepted.

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**.

frank

adj. honest and sincere; open and candid in expression

synonym: candid, direct, freehearted

(1) **frank** and open discussion, (2) make a **frank** apology

Full involvement means **frank** and prompt responses.

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.

musky

adj. having a strong, earthy smell that is often reminiscent of musk or moss

synonym: musty, earthy, pungent

(1) **musky** aroma, (2) **musky** perfume

The **musky** scent of the old book filled the air of the dusty library.

motor

n. a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work

synonym: actuator, engine, machine

(1) a **motor** mechanic, (2) DC **motor** control

Energy-efficient **motors** are needed to maximize the cruising distance of electric vehicles.

optimistic

adj. hoping or expecting that good thing will happen or something will be successful

synonym: hopeful, auspicious, cheery

(1) he is **optimistic**, (2) **optimistic** outlook

Most executives were **optimistic** about future business conditions.

slack

adj. lacking in tension or firmness; loose or not tight; having a relaxed or lazy attitude

synonym: loose, lax, floppy

(1) a **slack** rope, (2) **slack** performance

The team's **slack** attitude towards deadlines caused the project to fall behind schedule.

perspective

n. a confident attitude toward something; a particular style of thinking about something

synonym: viewpoint, standpoint, outlook

(1) a **perspective** view, (2) the **perspective** of the battle

His father's death changed his whole **perspective** on life.

automobile

n. a road vehicle that has four wheels and is powered by an engine, used for transporting people or goods

synonym: car, vehicle, motorcar

(1) driverless **automobile**, (2) **automobile** insurance

The **automobile** industry is a major contributor to air pollution in cities.

industrious

adj. hardworking, diligent, and persistent in effort

synonym: diligent, hardworking, assiduous

(1) **industrious** worker, (2) **industrious** student

He was known to be very **industrious** and would often work late into the night.

decent

adj. satisfactory, acceptable, or good in a general sense

synonym: respectable, honorable, good

(1) yearn for the **decent** living, (2) a **decent** education

He earned a **decent** salary at his job.

falcon

n. a bird of prey characterized by its sharp talons and hooked beak; typically having a long tail and wingspan and known for its swift and agile flight

synonym: hawk, eagle, kestrel

(1) **falcon** feathers, (2) peregrine **falcon**

The **falcon's** keen eyesight makes it an excellent hunter.

lift

v. to raise something to a higher position or level; to pick up something or somebody and move them to a different position

synonym: raise, elevate, move up

(1) **lift** sagging skin, (2) **lift** a ban on alcohol

The drought **lifted** the prices of grain globally.

bet

v. to risk money on the result of an event or a competition, such as a race or game, to get more money; to have faith or confidence in something

synonym: stake, wager, gamble

(1) **bet** on a race, (2) **bet** my future

I **bet** that you know it.

revolution

n. a large-scale attempt to overthrow the government of a country, often using violence or war;

synonym: coup, innovation, rebellion

(1) beginning of the industrial **revolution**, (2) a political **revolution**

The **revolution** by the citizen resulted in a redistribution of

wealth.

government

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

synonym : administration, regime, state

(1) **government** bureaucracy, (2) **government** funding

The federal **government** is planning to increase taxes for the next fiscal year.

leap

v. to jump or spring into the air, often with the feet leaving the ground or a surface below; to move quickly or suddenly, often forward or upward

synonym : jump, bound, hop

(1) **leap** to a conclusion, (2) **leap** of faith

The athlete was able to **leap** over the hurdle with ease.

responsible

adj. answerable or accountable for something within one's power, control, or management

synonym : accountable, answerable, liable

(1) **responsible** action, (2) **responsible** for a customer service

She's a **responsible** pet owner who ensures her dog gets enough exercise and a healthy diet.

shelter

n. a structure built to protect from poor weather, danger, or attack; (verb) to protect or shield from harm or adversity, particularly relating to environmental conditions or danger

synonym : refuge, hideout, lair

(1) rainproof **shelter**, (2) anti-air raid **shelter**

They need food and **shelter**.

oxygen

n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live

(1) the hydrogen binds the **oxygen**, (2) lack of **oxygen**

The passenger grabbed for the **oxygen** mask.

basis

n. the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged

synonym : foundation, base, ground

(1) on an equal **basis**, (2) **basis** for calculation

This evidence will form the **basis** for our discussion.

desert

n. arid land with little or no vegetation often covered with sand or rocks

(1) **desert** basin, (2) oasis in the **desert**

This region is predominantly **desert**.

soil

n. the top layer of Earth in which plants grow

synonym : earth, ground, mud

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

Soil moisture is another significant component controlling soil respiration.

photograph

n. a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film

synonym : photo, picture, snapshot

(1) **photograph** album, (2) **photograph** memories

I found an old **photograph** of my grandparents from their wedding day.

crater

n. a huge bowl-shaped cavity in the earth or an object in space, usually created by an explosion or the impact of a meteorite

synonym : cavity, hole, pit

(1) **crater** lake, (2) lunar **crater**

An enormous **crater** marks the area where the vast volcanic explosion occurred.

phoenix

n. a mythical bird that is said to live for several hundred years before dying in flames and then rising again from its ashes; a symbol of rebirth, regeneration, or

immortality

synonym : firebird, mythical bird, rebirth symbol

(1) **phoenix** rising, (2) **phoenix** feather

A local artist created the **phoenix** sculpture in the park.

evaporate

v. to turn a liquid into a gas; to become less intense and disappear gradually

synonym : vaporize, disappear, vanish

(1) **evaporate** the water, (2) **evaporate** almost overnight

The sun will **evaporate** the mist.

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.

glacier

n. a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole

synonym : iceberg, ice floe

(1) **glacier** retreat, (2) **glaciers** move tardily

The **glaciers** of the ice age have shaped Fjord.

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.

melt

v. to turn from something solid into something soft or liquid as a result of heating

synonym : disintegrate, soften, disappear

(1) **melt** the ice, (2) **melt** down gold

Her resistance **melted** under his persuasion.

labor

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

synonym : toil, moil, donkeywork

(1) seasonal **labor**, (2) manual **labor**

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

device

n. a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

synonym : gadget, instrument, tool

(1) electronic **device**, (2) tracking **device**

I always carry a backup **device** in case my phone runs out of battery.

technological

adj. based on scientific and industrial progress

synonym : specialized, technical

(1) **technological** advancement, (2) **technological** policy

Technological advances have disrupted many industries.

humidifier

n. a device or appliance that adds moisture or humidity to the air in a room or building to increase comfort and alleviate dryness

synonym : moisturizer, mist maker

(1) **humidifier** filter, (2) portable **humidifier**

I bought an ultrasonic **humidifier** to add moisture to the dry air in my bedroom.

humid

adj. having a high amount of moisture or water vapor in the air; damp; muggy

synonym : damp, muggy, moist

(1) **humid** climate, (2) uncomfortably **humid**

The air was so **humid** that my clothes felt damp.

extract

n. a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force

synonym: excerpt, quote, distillation

(1) a brief **extract** from the book, (2) botanical **extract**

Anesthetize the gum before **extracting** the teeth.

shock

n. a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant

synonym: amazement, surprise, stunner

(1) death from **shock**, (2) **shock-resistant**

He got an electric **shock** at work.

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.

moxie

n. courage, determination, and strength of character; also a slang term used to mean energy, enthusiasm, or nerve

synonym: courage, confidence, initiative

(1) **moxie** brand, (2) **moxie** spirit

Her **moxie-driven** attitude was key to overcoming the challenges she faced as a first-generation college student.

reverse

v. to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear

synonym: overturn, shift, switch

(1) **reverse** the trend, (2) **reverse** the order

The restaurant **reversed** a ban on smoking.

fuel *n.* a substance that is typically burned to generate heat or energy
synonym: energy, power, gas
(1) biomass **fuel**, (2) smokeless **fuel**
The **fuel** scarcity most severely impacted the manufacturing sector

essentially *adv.* relating to the essential features or concepts of anything
synonym: fundamentally, basically, virtually
(1) **essentially** correct, (2) become **essentially** same
Essentially, a society is an organism.

Martian *adj.* of or relating to Mars or its imaginary inhabitants
(1) **Martian** geography, (2) **Martian** surface
There is very little water in the **Martian** atmosphere.

pump *v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities
synonym: drain, inject, send
(1) **pump** a secret out of success, (2) **pump** blood throughout the body
He was alert and could not **pump** any critical information out of him.

rover *n.* a vehicle designed to travel over rough terrain, especially on the surface of a planet or moon
synonym: vehicle, robot, explorer
(1) **rover** mission, (2) lunar **rover**
The **rover** on Mars is gathering data on the planet's surface and sending it back to Earth.

aboard *adv.* on or onto a ship, aircraft, or other vehicles; present or participating in a particular activity or endeavor

synonym : on board, on, in

(1) **aboard** the ship, (2) remain **aboard**

The captain announced that all passengers should be **aboard** the ferry before it departed for the island.

indefinitely

adv. without any fixed or definite limit; for an unknown or unspecified period of time

synonym : endlessly, permanently, perpetually

(1) postpone a meeting **indefinitely**, (2) **indefinitely** suspended

The construction project has been delayed **indefinitely** due to the pandemic.

get-go

n. the start or beginning of something

synonym : start, beginning, initiation

(1) at the **get-go**, (2) work well from the **get-go**

From the **get-go**, it was clear that the project would be a challenge.

scalable

adj. capable of being easily expanded or increased in size, number, or scale to meet changing demands

synonym : expandable, flexible, adjustable

(1) **scalable** solution, (2) dynamically **scalable**

The company's new software is highly **scalable**, allowing it to handle increasing number of users.

hydroponic

adj. relating to the cultivation of plants in nutrient-rich water instead of soil, often using specialized equipment or systems to optimize growth and production

synonym : soilless, aquaponic, aquacultural

(1) **hydroponic** vegetables, (2) **hydroponic** farm

The **hydroponic** garden in my kitchen allows me to grow fresh herbs and vegetables year-round.

probabilistic

adj. characterized by the influence of chance or probability; involving the use of statistical models or methods to estimate likelihoods or risks

synonym : probable, statistical, likely

(1) **probabilistic** model, (2) **probabilistic** approach

In a **probabilistic** system, the outcome is uncertain and can vary based on chance.

crop

n. 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**.

meantime

n. the interval or period of time between two events; the interim or temporary time period between two actions or stages of something else

synonym : interim, meanwhile, lag

(1) **meantime** report, (2) for the **meantime**

In the **meantime**, while we wait for the results, let's start working on the next project.

inflate

v. to fill something with air or gas so that it becomes bigger and rounder

synonym : blow up, expand, puff up

(1) **inflate** a tire, (2) **inflate** expense reports

She **inflated** the balloons for the party.

radiation

n. the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health

synonym : dissemination, emission, irradiation

(1) exposure to **radiation**, (2) electromagnetic **radiation**

He tried every possible treatment, including chemotherapy and **radiation** therapy.

cosmic

adj. relating to the universe or cosmos; vast or limitless

synonym : astronomical, celestial, outer-space

(1) second **cosmic** velocity, (2) **cosmic** background

radiation

Cosmic rays are high-energy particles that originate from outside the solar system.

ray

n. a narrow line of light, heat, or another form of energy
synonym: beam, light, glimmer

(1) opaque to X- **rays**, (2) effect of cosmic **rays**

Gamma **rays** penetrate body tissues and cause cell damage.

brick

n. a rectangular block of baked clay used as a building material

synonym: block, tile, paver

(1) **brick** wall, (2) dressed **brick**

The wall was made of hard **bricks** that had been used for centuries.

polymer

n. a substance composed of macromolecules (= large groups of atoms) made from many smaller and simpler molecules

(1) **polymer** fiber, (2) biological **polymer**

We are developing plant-derived **polymers** to reduce environmental impact.

shove

v. to push someone or something in a rough way

synonym: push, jab, elbow

(1) **shove** a person aside, (2) **shove** hamburger into my mouth

He forcibly **shoved** the flyer into my bag.

microwave

n. a form of electromagnetic radiation with wavelengths ranging from about one millimeter to one meter and frequencies between 300 MHz (0.3 GHz) and 300 GHz; an electric oven that cooks food by exposing it to high-frequency electromagnetic radiation, which causes the food molecules to vibrate and heat up quickly

synonym: oven, waveguide, radar range

(1) **microwave** radiation, (2) **microwave** popcorn

I heated my leftover food in the **microwave** oven, which tasted just as good as freshly cooked.

cave

n. a large hole in the side of a hill, cliff, mountain, or under the ground

synonym: cavern, grotto, burrow

(1) domiciliary **caves**, (2) the mouth of the **cave**

Bats reside in sheltered **caves**.

lava

n. molten rock that has been extruded from a volcano and solidified; a highly fluid, highly heated substance or material

synonym: molten rock, magma, volcanic rock

(1) **lava** flow, (2) molten **lava**

The volcano's eruption caused a **lava** river to flow down the mountainside.

tube

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

synonym: pipe, hose, duct

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

The **tube** train was packed with commuters during rush hour.

pile

n. 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.

pound

n. the standard unit of money in the UK; the standard unit of weight equal to 16 ounces

(1) three-fourths of a **pound**, (2) thousands of **pounds**

The car's front bumper cost fifteen hundred **pounds**.

constantly

adv. all the time

synonym: continuously, always, frequently

(1) a **constantly** innovative enterprise, (2) a **constantly** varying mind

The mobile application industry is **constantly** changing.

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.

sleek

adj. smooth and glossy in appearance or texture; streamlined and elegant in design or form; characterized by a polished or refined style or appearance

synonym: glossy, streamlined, polished

(1) **sleek** car, (2) **sleek** black dress

The car's **sleek**, aerodynamic design made it look fast even when standing still.

suit

n. a set of clothes that are made from the same material; a claim or complaint that a person or organization can file in court against another party; (verb) to be fit or acceptable for

synonym: clothes, lawsuit, (verb) fit

(1) **suit** and tie restaurant, (2) **suit** at law

Six **suits** are awaiting trial or verdict.

complicated

adj. involving a lot of different things or parts in a way that is difficult to understand or analyze

synonym: complex, convoluted, intricate

(1) a **complicated** process, (2) become increasingly **complicated**

He did **complicated** pen-and-ink drawings in just a few days.

terraform

v. to transform the environment or land of a planet, moon, or other celestial body to make it habitable for life, typically by introducing or modifying the atmosphere,

temperature, or topography

(1) **terraform** Mars, (2) **terraform** the planet

The company plans to **terraform** the barren land into a lush green park.

reengineer

v. to redesign or restructure something such as a machine, system, organization, etc.

synonym: redesign, remodel, revamp

(1) **reengineer** work processes, (2) **reengineer** the organizational structure

As technology evolves, we need to **reengineer** our work styles.

hubris

n. excessive pride, arrogance, or overconfidence, often leading to someone's downfall or ruin

synonym: arrogance, conceit, pride

(1) political **hubris**, (2) **hubris** in business

The athlete's **hubris** resulted in him underestimating his competition and losing the game.

incredible

adj. unbelievable; enormous

synonym: unbelievable, fantastical, inconceivable

(1) **incredible** amount, (2) at **incredible** speed

Her response revealed **incredible** idiocy.

sublime

adj. of such excellence, grandeur, or beauty as to inspire great admiration or awe

synonym: magnificent, majestic, grand

(1) **sublime** ignorance, (2) **sublime** beauty

The view from the mountaintop was genuinely **sublime**.

greenhouse

n. a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in

synonym: conservatory

(1) exotic plants in a **greenhouse**, (2) emissions of **greenhouse** gases

The **greenhouse** effect is a phenomenon that happens naturally.

erect

v. to construct or build something; to cause to rise;
(adjective) upright or vertical

synonym: build, set up, construct

(1) **erect** structure, (2) keep the flagpole **erect**

The workers were able to **erect** the tent in just a few minutes.

spin

v. to cause something to rotate rapidly; to cause someone to feel dizzy or disoriented

synonym: rotate, twirl, swirl

(1) **spin** a top, (2) **spin** thread out of cotton

The tornado is **spinning** across the countryside, destroying everything in its path.

equator

n. an line of latitude that separates Earth's northern and southern hemispheres and has a radius of around 40,075 kilometers (24,901 miles)

(1) south of the **equator**, (2) above the **equator**

Ecuador is on the **equator**.

magic

n. beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers

synonym: fascination, illusion, wizardry

(1) a **magic** spell, (2) she is **magic**

He performed **magic** tricks with sophisticated moves.

vapor

n. a mass of tiny liquid drops in the air

synonym: condensation, dew, fog

(1) alcohol **vapor**, (2) water **vapor** in the atmosphere

Clouds form when water **vapor** rises to the upper atmosphere.

eventually

adv. finally, particularly after a long time or a lot of struggle, complications, and so on

synonym : finally, someday, ultimately

(1) **eventually** become obsolete, (2) **eventually** succeed
The corporation **eventually** dominated the entire tobacco business.

accomplish

v. to finish or achieve something successfully

synonym : achieve, complete, execute

(1) **accomplish** a goal, (2) **accomplish** military operations
Humankind took centuries to **accomplish** true democracy.

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.

adaptable

adj. able or willing to modify or be modified to deal with new situations

synonym : flexible, adjustable, elastic

(1) **adaptable** enough for the environment, (2) an **adaptable** person

We seek a candidate who possesses **adaptable** fighting potential.

biology

n. the scientific study of life and the natural processes of living things

(1) evolutionary **biology**, (2) cell and molecular **biology**
In junior high school, we had to dissect a frog in **biology** class.

verge

n. the point at which something is about to happen or where something begins; the edge or margin of something, particularly a physical boundary or border

synonym : brink, edge, margin

(1) **verge** of bankruptcy, (2) on the **verge** of tears
He stood on the **verge** of a major discovery.

genetics

n. the branch of biology that studies genes, genetic variation, and heredity in organisms

(1) the science of **genetics**, (2) **genetics** discrimination

He is a specialist in the **genetics** of aging.

evolution

n. a gradual process of transformation of living things

synonym: elaboration, expansion, transition

(1) human **evolution**, (2) **evolution** theory

They study the **evolution** of the universe.

slightly

adv. in a small degree or extent; a little

synonym: barely, narrowly, scarcely

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

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

foundry

n. a factory or workshop where metal castings are produced, often using a furnace or molten metal

synonym: metalworks, forge

(1) **foundry** industry, (2) **foundry** equipment

The **foundry's** castings undergo rigorous testing to ensure they meet quality standards.

documentary

n. 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**.

idiot

n. a foolish or stupid person who lacks common sense or judgment; a derogatory term used to describe someone who is mentally deficient

synonym: dummy, imbecile, bubblehead

(1) **idiot** driver, (2) what an **idiot**

He acted like an **idiot** and spilled his drink all over the floor.

software

n. a set of computer programs and associated documentation and data for doing particular computational jobs

synonym: program, system, operating system

(1) **software** architect, (2) copyrighted **software**

The company specializes in both hardware and **software**.

disrupt

v. to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

synonym: interrupt, disturb, break into

(1) **disrupt** a well-ordered condition, (2) **disrupt** sleep

I'm so sorry to **disrupt** you when you're pretty busy.

lifetime

n. the duration of someone's life or something's existence;

synonym: lifespan, duration

(1) **lifetime** benefits, (2) **lifetime** ban from the sport

She had lived through two world wars in her **lifetime**.

inspiring

adj. stimulating and motivating you to want to do something

synonym: exhilarating, encouraging, heartening

(1) **inspiring** stories, (2) awe- **inspiring** sight

An **inspiring** teacher might spark students' motivation to succeed.

spacefaring

n. the act or practice of traveling or exploring outer space, typically to advance scientific knowledge, develop new technologies, or establish a human presence beyond Earth; the ability to travel and explore space

synonym: space navigation, space exploration, spaceflight

(1) **spacefaring** nation, (2) the future of **spacefaring** exploration

Spacefaring technology has allowed us to explore the vast expanse of the universe.

Session 2: Spelling

1. a con_____ly innovative enterprise *adv.* all the time
2. opt_____ic outlook *adj.* hoping or expecting that good thing will happen or something will be successful
3. a brief ex_____t from the book *n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force
4. 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
5. sp_____ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
6. at the w__m of circumstance *n.* a sudden idea or desire, especially one that cannot be reasonably explained
7. ev___e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
8. become increasingly com_____ed *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
9. three-fourths of a po__d *n.* the standard unit of money in the UK; the standard unit of weight equal to 16 ounces

ANSWERS: 1. constantly, 2. optimistic, 3. extract, 4. decide, 5. specific, 6. whim, 7. evolve, 8. complicated, 9. pound

10. as____id explorer *n.* a small rocky body orbiting the sun, typically in the region between Mars and Jupiter
11. smokeless f__l *n.* a substance that is typically burned to generate heat or energy
12. manual la__r *n.* productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal
13. mo__e brand *n.* courage, determination, and strength of character; also a slang term used to mean energy, enthusiasm, or nerve
14. hu__d climate *adj.* having a high amount of moisture or water vapor in the air; damp; muggy
15. a tr____y during work *n.* an event or situation causing great loss, misfortune, or destruction; a play or literature that deals with a severe and sad event and often ends with the death of the main character
16. driverless aut____le *n.* a road vehicle that has four wheels and is powered by an engine, used for transporting people or goods
17. a vul____le bridge *adj.* capable of being hurt or influenced physically or mentally
18. te____rm Mars *v.* to transform the environment or land of a planet, moon, or other celestial body to make it habitable for life, typically by introducing or modifying the atmosphere, temperature, or topography

ANSWERS: 10. asteroid, 11. fuel, 12. labor, 13. moxie, 14. humid, 15. tragedy, 16. automobile, 17. vulnerable, 18. terraform

19. th___e in a society *v.* to grow vigorously; to make steady progress
20. ro___t fuel *n.* a large tube-shaped object that moves very first by a stream of gases let out behind it, used for space travel or as a weapon
21. keep the flagpole er__t *v.* to construct or build something; to cause to rise; (adjective) upright or vertical
22. ad_____le enough for the environment *adj.* able or willing to modify or be modified to deal with new situations
23. ca___n dioxide *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
24. a doc_____ry film *n.* a film or a radio or television program that gives facts and information about a subject; of or derived from official documents
25. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire
26. his conclusion was ob_____s *adj.* easy to see, discover or understand
27. ext_____ary ability *adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual
28. di_____t a well-ordered condition *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

ANSWERS: 19. thrive, 20. rocket, 21. erect, 22. adaptable, 23. carbon, 24. documentary, 25. amazing, 26. obvious, 27. extraordinary, 28. disrupt

29. er__t structure
v. to construct or build something; to cause to rise; (adjective) upright or vertical
30. atm_____ic pressure
adj. about or located in the earth's atmosphere
31. li_____me benefits
n. the duration of someone's life or something's existence;
32. 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
33. vul_____le parts of the body
adj. capable of being hurt or influenced physically or mentally
34. a com_____ed process
adj. involving a lot of different things or parts in a way that is difficult to understand or analyze
35. 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
36. br___h of wind
n. the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs
37. m__t the ice
v. to turn from something solid into something soft or liquid as a result of heating
38. a mag_____nt plan
adj. extremely beautiful and impressive; grand or noble in thought or deed

ANSWERS: 29. erect, 30. atmospheric, 31. lifetime, 32. pole, 33. vulnerable, 34. complicated, 35. distance, 36. breath, 37. melt, 38. magnificent

39. acc_____sh military operations *v.* to finish or achieve something successfully
40. sh__k-resistant *n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant
41. political hu____s *n.* excessive pride, arrogance, or overconfidence, often leading to someone's downfall or ruin
42. c__p herbicide *n.* a plant that is cultivated in large amounts, particularly for food
43. 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
44. opaque to X-r_ys *n.* a narrow line of light, heat, or another form of energy
45. a capillary t__e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
46. pubic lo__e *n.* a small, wingless insect that lives on the bodies of mammals and birds, often considered a parasite; a contemptible or despicable person
47. death from sh__k *n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant

ANSWERS: 39. accomplish, 40. shock, 41. hubris, 42. crop, 43. degree, 44. ray, 45. tube, 46. louse, 47. shock

48. di____s solutions *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
49. exposure to ra_____on *n.* the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health
50. leather st__p *n.* a long, narrow strip or belt of leather, fabric, or another material used for binding, fastening, or supporting something or someone; a band or string that attaches one object to another, often used to secure items during transport
51. equ_____nt amounts *n.* having the same value, quality, meaning, purpose, etc.
52. biomass f__l *n.* a substance that is typically burned to generate heat or energy
53. te_____rm the planet *v.* to transform the environment or land of a planet, moon, or other celestial body to make it habitable for life, typically by introducing or modifying the atmosphere, temperature, or topography
54. remain ab___d *adv.* on or onto a ship, aircraft, or other vehicles; present or participating in a particular activity or endeavor
55. re_____e the trend *v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear

ANSWERS: 48. discuss, 49. radiation, 50. strap, 51. equivalent, 52. fuel, 53. terraform, 54. aboard, 55. reverse

56. un_____ke an enterprise *v.* to do or begin to do something, such as an enterprise or responsibility
57. hold your br____h *n.* the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs
58. fo_____y equipment *n.* a factory or workshop where metal castings are produced, often using a furnace or molten metal
59. fo_____y industry *n.* a factory or workshop where metal castings are produced, often using a furnace or molten metal
60. increase sl_____ly *adv.* in a small degree or extent; a little
61. DC mo__r control *n.* a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work
62. in_____e expense reports *v.* to fill something with air or gas so that it becomes bigger and rounder
63. gastronomic ad_____res *n.* a journey or a series of events that is unusual, exciting, or dangerous
64. an ad_____le person *adj.* able or willing to modify or be modified to deal with new situations
65. sl__k black dress *adj.* smooth and glossy in appearance or texture; streamlined and elegant in design or form; characterized by a polished or refined style or appearance
66. he is opt_____ic *adj.* hoping or expecting that good thing will happen or something will be successful
67. combined ox__e *n.* a chemical compound that contains at least one oxygen atom and one other element

ANSWERS: 56. undertake, 57. breath, 58. foundry, 59. foundry, 60. slightly, 61. motor, 62. inflate, 63. adventure, 64. adaptable, 65. sleek, 66. optimistic, 67. oxide

68. equ_____nt in meaning *n.* having the same value, quality, meaning, purpose, etc.
69. industry-sp_____ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
70. copyrighted so_____re *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
71. effect of cosmic r_____ys *n.* a narrow line of light, heat, or another form of energy
72. what an id____t *n.* a foolish or stupid person who lacks common sense or judgment; a derogatory term used to describe someone who is mentally deficient
73. the event ho_____n of a black hole *n.* the line at which the earth's surface and the sky appear to meet; the range of interest or activity that can be anticipated
74. su_____e beauty *adj.* of such excellence, grandeur, or beauty as to inspire great admiration or awe
75. human ev_____on *n.* a gradual process of transformation of living things
76. ex_____e rebellion *v.* to make someone feel suddenly enthusiastic or eager
77. ob_____s reasons *adj.* easy to see, discover or understand
78. evolutionary bi_____y *n.* the scientific study of life and the natural processes of living things
79. peregrine fa____n *n.* a bird of prey characterized by its sharp talons and hooked beak; typically having a long tail and wingspan and known for its swift and agile flight

ANSWERS: 68. equivalent, 69. specific, 70. software, 71. ray, 72. idiot, 73. horizon, 74. sublime, 75. evolution, 76. excite, 77. obvious, 78. biology, 79. falcon

80. al__n the economic interest of each other *v.* to put or arrange two or more things in a straight line or to form a straight line
81. l__p of faith *v.* to jump or spring into the air, often with the feet leaving the ground or a surface below; to move quickly or suddenly, often forward or upward
82. acc____hed goal *adj.* having completed a task or achieved a goal successfully; skilled or proficient at something
83. gov____nt bureaucracy *n.* the group of people with authority to control a country or state
84. tec____cal policy *adj.* based on scientific and industrial progress
85. st____le against discrimination *v.* to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction
86. m_r a proper relationship *v.* to damage or spoil the appearance or surface of something
87. cr____r lake *n.* a huge bowl-shaped cavity in the earth or an object in space, usually created by an explosion or the impact of a meteorite
88. hyd____ic farm *adj.* relating to the cultivation of plants in nutrient-rich water instead of soil, often using specialized equipment or systems to optimize growth and production
89. sl____ly alkaline soils *adv.* in a small degree or extent; a little

ANSWERS: 80. align, 81. leap, 82. accomplished, 83. government, 84. technological, 85. struggle, 86. mar, 87. crater, 88. hydroponic, 89. slightly

98. re____e the order *v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear
99. yearn for the de____t living *adj.* satisfactory, acceptable, or good in a general sense
100. l____p to a conclusion *v.* to jump or spring into the air, often with the feet leaving the ground or a surface below; to move quickly or suddenly, often forward or upward
101. l____t sagging skin *v.* to raise something to a higher position or level; to pick up something or somebody and move them to a different position
102. w____m of youth *n.* a sudden idea or desire, especially one that cannot be reasonably explained
103. s____t at law *n.* a set of clothes that are made from the same material; a claim or complaint that a person or organization can file in court against another party; (verb) to be fit or acceptable for
104. p____p a secret out of success *v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities
105. a ga____y of famous actors *n.* an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
106. a de____t education *adj.* satisfactory, acceptable, or good in a general sense

ANSWERS: 98. reverse, 99. decent, 100. leap, 101. lift, 102. whim, 103. suit, 104. pump, 105. galaxy, 106. decent

107. 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
108. br__k wall *n.* a rectangular block of baked clay used as a building material
109. portable hum_____er *n.* a device or appliance that adds moisture or humidity to the air in a room or building to increase comfort and alleviate dryness
110. Ma_____n surface *adj.* of or relating to Mars or its imaginary inhabitants
111. s__t and tie restaurant *n.* a set of clothes that are made from the same material; a claim or complaint that a person or organization can file in court against another party; (verb) to be fit or acceptable for
112. inc_____le amount *adj.* unbelievable; enormous
113. mi_____ve popcorn *n.* a form of electromagnetic radiation with wavelengths ranging from about one millimeter to one meter and frequencies between 300 MHz (0.3 GHz) and 300 GHz; an electric oven that cooks food by exposing it to high-frequency electromagnetic radiation, which causes the food molecules to vibrate and heat up quickly
114. make a fr__k apology *adj.* honest and sincere; open and candid in expression

ANSWERS: 107. determinant, 108. brick, 109. humidifier, 110. Martian, 111. suit, 112. incredible, 113. microwave, 114. frank

115. ev_____on theory *n.* a gradual process of transformation of living things
116. dressed br__k *n.* a rectangular block of baked clay used as a building material
117. re_____nt by a diagram *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
118. di_____t sleep *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
119. la___h a spaceship into orbit *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
120. l__a flow *n.* molten rock that has been extruded from a volcano and solidified; a highly fluid, highly heated substance or material
121. a mag_____nt mountain *adj.* extremely beautiful and impressive; grand or noble in thought or deed
122. eve_____ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
123. 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
124. at the ge___o *n.* the start or beginning of something

ANSWERS: 115. evolution, 116. brick, 117. represent, 118. disrupt, 119. launch, 120. lava, 121. magnificent, 122. eventually, 123. trap, 124. get-go

125. eve_____ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
126. electronic de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
127. fr__k and open discussion *adj.* honest and sincere; open and candid in expression
128. un_____ke routine duties *v.* to do or begin to do something, such as an enterprise or responsibility
129. mu__y aroma *adj.* having a strong, earthy smell that is often reminiscent of musk or moss
130. molten l__a *n.* molten rock that has been extruded from a volcano and solidified; a highly fluid, highly heated substance or material
131. s__n a top *v.* to cause something to rotate rapidly; to cause someone to feel dizzy or disoriented
132. a ma__c spell *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
133. the atmospheric tem_____re *n.* the degree of hotness or coldness of a thing or place
134. su_____e a plane crash *v.* to live or exist despite a dangerous event or period
135. li_____e city *adj.* capable of being lived in comfortably and sustainably; suitable for human habitation

ANSWERS: 125. eventually, 126. device, 127. frank, 128. undertake, 129. musky, 130. lava, 131. spin, 132. magic, 133. temperature, 134. survive, 135. livable

136. seasonal la__r *n.* productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal
137. ind_____ely suspended *adv.* without any fixed or definite limit; for an unknown or unspecified period of time
138. 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
139. li_____me ban from the sport *n.* the duration of someone's life or something's existence;
140. in_____ng stories *adj.* stimulating and motivating you to want to do something
141. domiciliary c__es *n.* a large hole in the side of a hill, cliff, mountain, or under the ground
142. former co_____ue *n.* one of a group of a coworker, especially in a profession or a business
143. at inc_____le speed *adj.* unbelievable; enormous
144. mi_____ve radiation *n.* a form of electromagnetic radiation with wavelengths ranging from about one millimeter to one meter and frequencies between 300 MHz (0.3 GHz) and 300 GHz; an electric oven that cooks food by exposing it to high-frequency electromagnetic radiation, which causes the food molecules to vibrate and heat up quickly

ANSWERS: 136. labor, 137. indefinitely, 138. degree, 139. lifetime, 140. inspiring, 141. cave, 142. colleague, 143. incredible, 144. microwave

145. a political rev_____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
146. ve__e of bankruptcy *n.* the point at which something is about to happen or where something begins; the edge or margin of something, particularly a physical boundary or border
147. collaborate with co_____ues *n.* one of a group of a coworker, especially in a profession or a business
148. ev_____te the water *v.* to turn a liquid into a gas; to become less intense and disappear gradually
149. hum_____er filter *n.* a device or appliance that adds moisture or humidity to the air in a room or building to increase comfort and alleviate dryness
150. in_____e him to write a novel *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
151. alcohol va__r *n.* a mass of tiny liquid drops in the air
152. b_t my future *v.* to risk money on the result of an event or a competition, such as a race or game, to get more money; to have faith or confidence in something
153. in_____e a tire *v.* to fill something with air or gas so that it becomes bigger and rounder
154. 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

ANSWERS: 145. revolution, 146. verge, 147. colleague, 148. evaporate, 149. humidifier, 150. inspire, 151. vapor, 152. bet, 153. inflate, 154. gravity

155. a per_____ve view *n.* a confident attitude toward something; a particular style of thinking about something
156. get inc_____ly insecure *adv.* in a way that is very difficult to believe; exceedingly or extremely
157. oasis in the de____t *n.* arid land with little or no vegetation often covered with sand or rocks
158. on an equal ba__s *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
159. 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
160. tec_____cal advancement *adj.* based on scientific and industrial progress
161. lo__e egg *n.* a small, wingless insect that lives on the bodies of mammals and birds, often considered a parasite; a contemptible or despicable person
162. hyd_____ic vegetables *adj.* relating to the cultivation of plants in nutrient-rich water instead of soil, often using specialized equipment or systems to optimize growth and production
163. rainproof sh_____r *n.* a structure built to protect from poor weather, danger, or attack; (verb) to protect or shield from harm or adversity, particularly relating to environmental conditions or danger

ANSWERS: 155. perspective, 156. incredibly, 157. desert, 158. basis, 159. gravity, 160. technological, 161. louse, 162. hydroponic, 163. shelter

164. sl__k car *adj.* smooth and glossy in appearance or texture; streamlined and elegant in design or form; characterized by a polished or refined style or appearance
165. completely fas_____ng to me *adj.* extremely interesting
166. the characters that re_____nt numbers *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
167. she is ma__c *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
168. pro_____tic model *adj.* characterized by the influence of chance or probability; involving the use of statistical models or methods to estimate likelihoods or risks
169. spa_____ng nation *n.* the act or practice of traveling or exploring outer space, typically to advance scientific knowledge, develop new technologies, or establish a human presence beyond Earth; the ability to travel and explore space
170. 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
171. 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: 164. sleek, 165. fascinating, 166. represent, 167. magic, 168. probabilistic, 169. spacefaring, 170. atmosphere, 171. pole

172. res_____le action *adj.* answerable or accountable for something within one's power, control, or management
173. above the eq_____r *n.* an line of latitude that separates Earth's northern and southern hemispheres and has a radius of around 40,075 kilometers (24,901 miles)
174. pre_____ous price *adj.* absurd, ridiculous, or contrary to reason or common sense
175. hu____s in business *n.* excessive pride, arrogance, or overconfidence, often leading to someone's downfall or ruin
176. pre_____ous claim *adj.* absurd, ridiculous, or contrary to reason or common sense
177. ex____e the crowd *v.* to make someone feel suddenly enthusiastic or eager
178. in_____e a feeling of curiosity *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
179. extreme tem_____res *n.* the degree of hotness or coldness of a thing or place
180. emissions of gre_____se gases *n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
181. a co____y of bacteria *n.* a country or an area that is governed by a more powerful country that is often far away
182. as_____ut in training *n.* a person trained by a space agency to travel outside the Earth's atmosphere

ANSWERS: 172. responsible, 173. equator, 174. preposterous, 175. hubris, 176. preposterous, 177. excite, 178. inspire, 179. temperature, 180. greenhouse, 181. colony, 182. astronaut

183. ro___t attack against the enemy *n.* a large tube-shaped object that moves very first by a stream of gases let out behind it, used for space travel or as a weapon
184. lunar cr___r *n.* a huge bowl-shaped cavity in the earth or an object in space, usually created by an explosion or the impact of a meteorite
185. 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
186. sc_____le solution *adj.* capable of being easily expanded or increased in size, number, or scale to meet changing demands
187. 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
188. ev_____te almost overnight *v.* to turn a liquid into a gas; to become less intense and disappear gradually
189. al__n with a historical trend *v.* to put or arrange two or more things in a straight line or to form a straight line
190. die su_____ly *adv.* quickly and unexpectedly
191. ad_____re film *n.* a journey or a series of events that is unusual, exciting, or dangerous
192. price of pr_____us metals *adj.* uncommon and extremely valuable
193. parched s__l *n.* the top layer of Earth in which plants grow

ANSWERS: 183. rocket, 184. crater, 185. underground, 186. scalable, 187. underground, 188. evaporate, 189. align, 190. suddenly, 191. adventure, 192. precious, 193. soil

194. id__t driver *n.* a foolish or stupid person who lacks common sense or judgment; a derogatory term used to describe someone who is mentally deficient
195. anti-air raid sh_____r *n.* a structure built to protect from poor weather, danger, or attack; (verb) to protect or shield from harm or adversity, particularly relating to environmental conditions or danger
196. gl_____rs move tardily *n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
197. sh__e a person aside *v.* to push someone or something in a rough way
198. ess_____ly correct *adv.* relating to the essential features or concepts of anything
199. lunar ro__r *n.* a vehicle designed to travel over rough terrain, especially on the surface of a planet or moon
200. pho_____ph album *n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
201. for the me_____me *n.* the interval or period of time between two events; the interim or temporary time period between two actions or stages of something else
202. on the ve__e of tears *n.* the point at which something is about to happen or where something begins; the edge or margin of something, particularly a physical boundary or border

ANSWERS: 194. idiot, 195. shelter, 196. glacier, 197. shove, 198. essentially, 199. rover, 200. photograph, 201. meantime, 202. verge

203. conservative pu___t *n.* an expert, authority, or knowledgeable commentator who frequently expresses opinions or gives analysis on a particular subject or issue
204. south of the eq____r *n.* an line of latitude that separates Earth's northern and southern hemispheres and has a radius of around 40,075 kilometers (24,901 miles)
205. s__ls retentive of moisture *n.* the top layer of Earth in which plants grow
206. ext_____ary weather *adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual
207. pr_____r in the long run *v.* to be successful or thriving, especially financially; to grow and develop well; to flourish
208. pho_____ph memories *n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
209. become ess_____ly same *adv.* relating to the essential features or concepts of anything
210. lack of ox___n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
211. a glass t__e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape

ANSWERS: 203. pundit, 204. equator, 205. soil, 206. extraordinary, 207. prosper, 208. photograph, 209. essentially, 210. oxygen, 211. tube

212. sh__e hamburger into my mouth *v.* to push someone or something in a rough way
213. work well from the ge___o *n.* the start or beginning of something
214. elliptic ga___y *n.* an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
215. su_____ly attacked by an enemy *adv.* quickly and unexpectedly
216. fa___n feathers *n.* a bird of prey characterized by its sharp talons and hooked beak; typically having a long tail and wingspan and known for its swift and agile flight
217. a female sc__w *v.* to turn something, such as a bolt, with a driver or wrench to tighten or loosen it; (noun) a cylindrical rod with a helical ridge used to fasten things together
218. a sand p__e *n.* a collection of objects positioned one on top of another; a large sum of something, such as money
219. tracking de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
220. ph_____x feather *n.* a mythical bird that is said to live for several hundred years before dying in flames and then rising again from its ashes; a symbol of rebirth, regeneration, or immortality
221. t_n foil *n.* a silvery-white metal that is typically soft and malleable, often used to make containers or packaging materials; a thin sheet of metal or metal alloy used for a variety of purposes

ANSWERS: 212. shove, 213. get-go, 214. galaxy, 215. suddenly, 216. falcon, 217. screw, 218. pile, 219. device, 220. phoenix, 221. tin

222. st_____le to get the job *v.* to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction
223. uncomfortably hu__d *adj.* having a high amount of moisture or water vapor in the air; damp; muggy
224. silver ox__e *n.* a chemical compound that contains at least one oxygen atom and one other element
225. dynamically sc_____le *adj.* capable of being easily expanded or increased in size, number, or scale to meet changing demands
226. ad_____e the technology *v.* to go or move forward; to develop in a positive way
227. inc_____ly cheerful character *adv.* in a way that is very difficult to believe; exceedingly or extremely
228. gl_____r retreat *n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
229. the aftermath of this tr_____y *n.* an event or situation causing great loss, misfortune, or destruction; a play or literature that deals with a severe and sad event and often ends with the death of the main character
230. ree_____er the organizational structure *v.* to redesign or restructure something such as a machine, system, organization, etc.
231. po_____r fiber *n.* a substance composed of macromolecules (= large groups of atoms) made from many smaller and simpler molecules

ANSWERS: 222. struggle, 223. humid, 224. oxide, 225. scalable, 226. advance, 227. incredibly, 228. glacier, 229. tragedy, 230. reengineer, 231. polymer

232. space sh____e *n.* a vehicle or boat that regularly moves between two places; bobbin that passes the weft thread between the warp threads
233. ro__r mission *n.* a vehicle designed to travel over rough terrain, especially on the surface of a planet or moon
234. c__p field *n.* a plant that is cultivated in large amounts, particularly for food
235. 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
236. beginning of the industrial rev____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
237. t_n can *n.* a silvery-white metal that is typically soft and malleable, often used to make containers or packaging materials; a thin sheet of metal or metal alloy used for a variety of purposes
238. sports pu__t *n.* an expert, authority, or knowledgeable commentator who frequently expresses opinions or gives analysis on a particular subject or issue
239. water va__r in the atmosphere *n.* a mass of tiny liquid drops in the air

ANSWERS: 232. shuttle, 233. rover, 234. crop, 235. orbit, 236. revolution, 237. tin, 238. pundit, 239. vapor

240. doc_____ry proof *n.* a film or a radio or television program that gives facts and information about a subject; of or derived from official documents
241. ad_____e a cooperative relationship *v.* to go or move forward; to develop in a positive way
242. environmental det_____nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
243. de____t basin *n.* arid land with little or no vegetation often covered with sand or rocks
244. l__t a ban on alcohol *v.* to raise something to a higher position or level; to pick up something or somebody and move them to a different position
245. 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
246. 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
247. s__n thread out of cotton *v.* to cause something to rotate rapidly; to cause someone to feel dizzy or disoriented
248. biological po_____r *n.* a substance composed of macromolecules (= large groups of atoms) made from many smaller and simpler molecules

ANSWERS: 240. documentary, 241. advance, 242. determinant, 243. desert, 244. lift, 245. trap, 246. planet, 247. spin, 248. polymer

249. the mouth of the c__e *n.* a large hole in the side of a hill, cliff, mountain, or under the ground
250. thousands of po__ds *n.* the standard unit of money in the UK; the standard unit of weight equal to 16 ounces
251. pr____r as a trading hub *v.* to be successful or thriving, especially financially; to grow and develop well; to flourish
252. so____re architect *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
253. 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
254. mo__e spirit *n.* courage, determination, and strength of character; also a slang term used to mean energy, enthusiasm, or nerve
255. obl____te all traces *v.* to wipe out, destroy, or conceal all signs of something utterly; to remove completely from recognition or memory
256. su____e ignorance *adj.* of such excellence, grandeur, or beauty as to inspire great admiration or awe
257. li____e housing *adj.* capable of being lived in comfortably and sustainably; suitable for human habitation
258. co___c background radiation *adj.* relating to the universe or cosmos; vast or limitless
259. mu__y perfume *adj.* having a strong, earthy smell that is often reminiscent of musk or moss

ANSWERS: 249. cave, 250. pound, 251. prosper, 252. software, 253. planet, 254. moxie, 255. obliterate, 256. sublime, 257. livable, 258. cosmic, 259. musky

260. the per_____ve of the battle *n.* a confident attitude toward something; a particular style of thinking about something
261. 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
262. su_____e a blizzard *v.* to live or exist despite a dangerous event or period
263. b_t on a race *v.* to risk money on the result of an event or a competition, such as a race or game, to get more money; to have faith or confidence in something
264. 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
265. am_____g advances *adj.* extremely surprising, especially in a way that you like or admire
266. cell and molecular bi_____y *n.* the scientific study of life and the natural processes of living things
267. ev_____e *v.* to develop gradually, or to cause the development of something or someone gradually
268. a sl__k rope *adj.* lacking in tension or firmness; loose or not tight; having a relaxed or lazy attitude

ANSWERS: 260. perspective, 261. develop, 262. survive, 263. bet, 264. orbit, 265. amazing, 266. biology, 267. evolve, 268. slack

269. co_____ze planets *v.* to establish a colony in or on a specific place; to settle or occupy in large numbers
270. m__t down gold *v.* to turn from something solid into something soft or liquid as a result of heating
271. a remarkable ach_____nt *n.* a thing that someone has accomplished, primarily through their effort and ability
272. acc_____sh a goal *v.* to finish or achieve something successfully
273. ph_____x rising *n.* a mythical bird that is said to live for several hundred years before dying in flames and then rising again from its ashes; a symbol of rebirth, regeneration, or immortality
274. a con_____ly varying mind *adv.* all the time
275. sc__w the cap *v.* to turn something, such as a bolt, with a driver or wrench to tighten or loosen it; (noun) a cylindrical rod with a helical ridge used to fasten things together
276. a mo__r mechanic *n.* a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work
277. business ho_____n *n.* the line at which the earth's surface and the sky appear to meet; the range of interest or activity that can be anticipated
278. postpone a meeting ind_____ely *adv.* without any fixed or definite limit; for an unknown or unspecified period of time

ANSWERS: 269. colonize, 270. melt, 271. achievement, 272. accomplish, 273. phoenix, 274. constantly, 275. screw, 276. motor, 277. horizon, 278. indefinitely

279. ba__s for calculation *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
280. fas_____ng story *adj.* extremely interesting
281. pr_____us information *adj.* uncommon and extremely valuable
282. me_____me report *n.* the interval or period of time between two events; the interim or temporary time period between two actions or stages of something else
283. 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
284. Ma_____n geography *adj.* of or relating to Mars or its imaginary inhabitants
285. sl__k performance *adj.* lacking in tension or firmness; loose or not tight; having a relaxed or lazy attitude
286. res_____le for a customer service *adj.* answerable or accountable for something within one's power, control, or management
287. the hydrogen binds the ox___n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
288. 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

ANSWERS: 279. basis, 280. fascinating, 281. precious, 282. meantime, 283. distance, 284. Martian, 285. slack, 286. responsible, 287. oxygen, 288. atmosphere

289. aut_____le insurance *n.* a road vehicle that has four wheels and is powered by an engine, used for transporting people or goods
290. the future of spa_____ng exploration *n.* the act or practice of traveling or exploring outer space, typically to advance scientific knowledge, develop new technologies, or establish a human presence beyond Earth; the ability to travel and explore space
291. awe-in_____ng sight *adj.* stimulating and motivating you to want to do something
292. de___e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
293. botanical ex_____t *n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force
294. th___e on pressure *v.* to grow vigorously; to make steady progress
295. as_____ut mission *n.* a person trained by a space agency to travel outside the Earth's atmosphere
296. ind_____us student *adj.* hardworking, diligent, and persistent in effort
297. m_r the reputation *v.* to damage or spoil the appearance or surface of something
298. acc_____hed at a very early age *adj.* having completed a task or achieved a goal successfully; skilled or proficient at something

ANSWERS: 289. automobile, 290. spacefaring, 291. inspiring, 292. decide, 293. extract, 294. thrive, 295. astronaut, 296. industrious, 297. mar, 298. accomplished

299. ind_____us worker *adj.* hardworking, diligent, and persistent in effort
300. di_____s options *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
301. sh_____e service *n.* a vehicle or boat that regularly moves between two places; bobbin that passes the weft thread between the warp threads
302. doubling of atm_____ic carbon dioxide *adj.* about or located in the earth's atmosphere
303. v__t majority *adj.* enormous in size, number, amount, or quantity
304. electromagnetic ra_____on *n.* the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health
305. as_____id mining *n.* a small rocky body orbiting the sun, typically in the region between Mars and Jupiter
306. v__t desert *adj.* enormous in size, number, amount, or quantity
307. pro_____tic approach *adj.* characterized by the influence of chance or probability; involving the use of statistical models or methods to estimate likelihoods or risks
308. ca____n emission *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals

ANSWERS: 299. industrious, 300. discuss, 301. shuttle, 302. atmospheric, 303. vast, 304. radiation, 305. asteroid, 306. vast, 307. probabilistic, 308. carbon

309. ree_____er work processes *v.* to redesign or restructure something such as a machine, system, organization, etc.
310. student ach_____nt *n.* a thing that someone has accomplished, primarily through their effort and ability
311. ge_____cs discrimination *n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
312. co_____ze for cultivation *v.* to establish a colony in or on a specific place; to settle or occupy in large numbers
313. exotic plants in a gre_____se *n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
314. plant a co_____y *n.* a country or an area that is governed by a more powerful country that is often far away
315. second co_____c velocity *adj.* relating to the universe or cosmos; vast or limitless
316. camera st__p *n.* a long, narrow strip or belt of leather, fabric, or another material used for binding, fastening, or supporting something or someone; a band or string that attaches one object to another, often used to secure items during transport

ANSWERS: 309. reengineer, 310. achievement, 311. genetics, 312. colonize, 313. greenhouse, 314. colony, 315. cosmic, 316. strap

Session 3: Fill in the Blanks

1. A local artist created the _____ sculpture in the park.
 - n.* a mythical bird that is said to live for several hundred years before dying in flames and then rising again from its ashes; a symbol of rebirth, regeneration, or immortality

2. _____ rays are high-energy particles that originate from outside the solar system.
 - adj.* relating to the universe or cosmos; vast or limitless

3. He sailed the Atlantic Ocean multiple times during his _____.
 - n.* a journey or a series of events that is unusual, exciting, or dangerous

4. The volcano's eruption caused a _____ river to flow down the mountainside.
 - n.* molten rock that has been extruded from a volcano and solidified; a highly fluid, highly heated substance or material

5. The wall was made of hard _____ that had been used for centuries.
 - n.* a rectangular block of baked clay used as a building material

6. The roof of the old shed was made of rusty _____.
 - n.* a silvery-white metal that is typically soft and malleable, often used to make containers or packaging materials; a thin sheet of metal or metal alloy used for a variety of purposes

7. 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: 1. phoenix, 2. Cosmic, 3. adventures, 4. lava, 5. bricks, 6. tin, 7. develop

8. They study the _____ of the universe.
n. a gradual process of transformation of living things
9. The view from the mountaintop was genuinely _____.
adj. of such excellence, grandeur, or beauty as to inspire great admiration or awe
10. This region is predominantly _____.
n. arid land with little or no vegetation often covered with sand or rocks
11. The athlete's _____ resulted in him underestimating his competition and losing the game.
n. excessive pride, arrogance, or overconfidence, often leading to someone's downfall or ruin
12. Cities around the world set records for highest _____ this summer.
n. the degree of hotness or coldness of a thing or place
13. Ecuador is on the _____.
n. an line of latitude that separates Earth's northern and southern hemispheres and has a radius of around 40,075 kilometers (24,901 miles)
14. She's a _____ pet owner who ensures her dog gets enough exercise and a healthy diet.
adj. answerable or accountable for something within one's power, control, or management
15. Young people in this country should _____ military duties.
v. to do or begin to do something, such as an enterprise or responsibility

ANSWERS: 8. evolution, 9. sublime, 10. desert, 11. hubris, 12. temperatures, 13. equator, 14. responsible, 15. undertake

16. He earned a _____ salary at his job.

adj. satisfactory, acceptable, or good in a general sense

17. She _____ the balloons for the party.

v. to fill something with air or gas so that it becomes bigger and rounder

18. Full involvement means _____ and prompt responses.

adj. honest and sincere; open and candid in expression

19. I bought an ultrasonic _____ to add moisture to the dry air in my bedroom.

n. a device or appliance that adds moisture or humidity to the air in a room or building to increase comfort and alleviate dryness

20. _____ moisture is another significant component controlling soil respiration.

n. the top layer of Earth in which plants grow

21. The _____ train was packed with commuters during rush hour.

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

22. The scientist conducted a study that provided _____ details about the species' behavior.

adj. clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

23. Humankind took centuries to _____ true democracy.

v. to finish or achieve something successfully

24. Anesthetize the gum before _____ the teeth.

n. a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force

ANSWERS: 16. decent, 17. inflated, 18. frank, 19. humidifier, 20. Soil, 21. tube, 22. specific, 23. accomplish, 24. extracting

25. The shuttle _____ trained for months before embarking on the space mission.
- n.* a person trained by a space agency to travel outside the Earth's atmosphere
26. 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
27. His father's death changed his whole _____ on life.
- n.* a confident attitude toward something; a particular style of thinking about something
28. The car's _____ aerodynamic design made it look fast even when standing still.
- adj.* smooth and glossy in appearance or texture; streamlined and elegant in design or form; characterized by a polished or refined style or appearance
29. _____ technology has allowed us to explore the vast expanse of the universe.
- n.* the act or practice of traveling or exploring outer space, typically to advance scientific knowledge, develop new technologies, or establish a human presence beyond Earth; the ability to travel and explore space
30. I heated my leftover food in the _____ oven, which tasted just as good as freshly cooked.
- n.* a form of electromagnetic radiation with wavelengths ranging from about one millimeter to one meter and frequencies between 300 MHz (0.3 GHz) and 300 GHz; an electric oven that cooks food by exposing it to high-frequency electromagnetic radiation, which causes the food molecules to vibrate and heat up quickly
31. The mobile application industry is _____ changing.
- adv.* all the time

ANSWERS: 25. astronaut, 26. colleague, 27. perspective, 28. sleek, 29. Spacefaring, 30. microwave, 31. constantly

32. The _____ scarcity most severely impacted the manufacturing sector
- n.* a substance that is typically burned to generate heat or energy
33. He narrated the _____ story of his adventure.
- adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual
34. 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
35. 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
36. Her _____ attitude was key to overcoming the challenges she faced as a first-generation college student.
- n.* courage, determination, and strength of character; also a slang term used to mean energy, enthusiasm, or nerve
37. In a _____ system, the outcome is uncertain and can vary based on chance.
- adj.* characterized by the influence of chance or probability; involving the use of statistical models or methods to estimate likelihoods or risks
38. Sow early for an early _____.
- n.* a plant that is cultivated in large amounts, particularly for food
39. He bated his _____ when talking about this affair.
- n.* the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs

ANSWERS: 32. fuel, 33. extraordinary, 34. distance, 35. atmosphere, 36. moxie-driven, 37. probabilistic, 38. crop, 39. breath

40. This evidence will form the _____ for our discussion.

- n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged

41. These birds can only _____ in temperate climates.

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

42. The _____ garden in my kitchen allows me to grow fresh herbs and vegetables year-round.

- adj.* relating to the cultivation of plants in nutrient-rich water instead of soil, often using specialized equipment or systems to optimize growth and production

43. Scientists are studying the composition and origins of the _____ belt to understand the early solar system better.

- n.* a small rocky body orbiting the sun, typically in the region between Mars and Jupiter

44. I found an old _____ of my grandparents from their wedding day.

- n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film

45. 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

46. Eyeless fish _____ in dark caves.

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

ANSWERS: 40. basis, 41. survive, 42. hydroponic, 43. asteroid, 44. photograph, 45. degree, 46. evolved

47. Most executives were _____ about future business conditions.
adj. hoping or expecting that good thing will happen or something will be successful
48. Several cities are experiencing _____ high unemployment rates.
adv. in a way that is very difficult to believe; exceedingly or extremely
49. He was known to be very _____ and would often work late into the night.
adj. hardworking, diligent, and persistent in effort
50. _____ a society is an organism.
adv. relating to the essential features or concepts of anything
51. The _____ effect is a phenomenon that happens naturally.
n. a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
52. The tornado is _____ across the countryside, destroying everything in its path.
v. to cause something to rotate rapidly; to cause someone to feel dizzy or disoriented
53. He won an award for that short _____.
n. a film or a radio or television program that gives facts and information about a subject; of or derived from official documents
54. He quit his job on a _____ and moved to a new city.
n. a sudden idea or desire, especially one that cannot be reasonably explained
55. The scratches on the car _____ its otherwise perfect appearance.
v. to damage or spoil the appearance or surface of something

ANSWERS: 47. optimistic, 48. incredibly, 49. industrious, 50. Essentially, 51. greenhouse, 52. spinning, 53. documentary, 54. whim, 55. marred

56. An enormous _____ marks the area where the vast volcanic explosion occurred.
- n.* a huge bowl-shaped cavity in the earth or an object in space, usually created by an explosion or the impact of a meteorite
57. After the party, they had to clean up _____ of dirty dishes.
- n.* a collection of objects positioned one on top of another; a large sum of something, such as money
58. The captain announced that all passengers should be _____ the ferry before it departed for the island.
- adv.* on or onto a ship, aircraft, or other vehicles; present or participating in a particular activity or endeavor
59. He was alert and could not _____ any critical information out of him.
- v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities
60. The _____ castings undergo rigorous testing to ensure they meet quality standards.
- n.* a factory or workshop where metal castings are produced, often using a furnace or molten metal
61. We need to _____ the next steps for the project during our meeting tomorrow.
- v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
62. Infants and pregnant women are particularly _____.
- adj.* capable of being hurt or influenced physically or mentally

ANSWERS: 56. crater, 57. piles, 58. aboard, 59. pump, 60. foundry's, 61. discuss, 62. vulnerable

63. Macbeth is a famous _____ by Shakespeare.
- n.* an event or situation causing great loss, misfortune, or destruction; a play or literature that deals with a severe and sad event and often ends with the death of the main character
64. The passenger grabbed for the _____ mask.
- n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
65. Bats reside in sheltered _____.
- n.* a large hole in the side of a hill, cliff, mountain, or under the ground
66. With careful planning and hard work, she was able to _____ in her new business venture.
- v.* to be successful or thriving, especially financially; to grow and develop well; to flourish
67. The federal _____ is planning to increase taxes for the next fiscal year.
- n.* the group of people with authority to control a country or state
68. 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
69. He is a specialist in the _____ of aging.
- n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
70. In several countries, child _____ is a serious social problem.
- n.* productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal

ANSWERS: 63. tragedy, 64. oxygen, 65. caves, 66. prosper, 67. government, 68. galaxy, 69. genetics, 70. labor

71. The _____ by the citizen resulted in a redistribution of wealth.
- n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
72. The air was so _____ that my clothes felt damp.
- adj.* having a high amount of moisture or water vapor in the air; damp; muggy
73. The company specializes in both hardware and _____.
- n.* a set of computer programs and associated documentation and data for doing particular computational jobs
74. The company's new software is highly _____ allowing it to handle increasing number of users.
- adj.* capable of being easily expanded or increased in size, number, or scale to meet changing demands
75. Six _____ are awaiting trial or verdict.
- n.* a set of clothes that are made from the same material; a claim or complaint that a person or organization can file in court against another party; (verb) to be fit or acceptable for
76. In the _____ while we wait for the results, let's start working on the next project.
- n.* the interval or period of time between two events; the interim or temporary time period between two actions or stages of something else
77. The company is set to _____ its new product line next month.
- v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time

ANSWERS: 71. revolution, 72. humid, 73. software, 74. scalable, 75. suits, 76. meantime, 77. launch

78. The political _____ provided analysis and commentary on the latest election results.
- n.* an expert, authority, or knowledgeable commentator who frequently expresses opinions or gives analysis on a particular subject or issue
79. Scientific knowledge will _____ significantly with the power of AI.
- v.* to go or move forward; to develop in a positive way
80. The _____ scene of the glacier is awe-inspiring.
- adj.* extremely beautiful and impressive; grand or noble in thought or deed
81. Energy-efficient _____ are needed to maximize the cruising distance of electric vehicles.
- n.* a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work
82. The drought _____ the prices of grain globally.
- v.* to raise something to a higher position or level; to pick up something or somebody and move them to a different position
83. He stood on the _____ of a major discovery.
- n.* the point at which something is about to happen or where something begins; the edge or margin of something, particularly a physical boundary or border
84. He performed _____ tricks with sophisticated moves.
- n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
85. I always carry a backup _____ in case my phone runs out of battery.
- n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

ANSWERS: 78. pundit, 79. advance, 80. magnificent, 81. motors, 82. lifted, 83. verge, 84. magic, 85. device

86. 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
87. The car's front bumper cost fifteen hundred _____.
- n.* the standard unit of money in the UK; the standard unit of weight equal to 16 ounces
88. An _____ teacher might spark students' motivation to succeed.
- adj.* stimulating and motivating you to want to do something
89. As the sun set, the colors of the sky merged with the _____ creating a beautiful orange and pink hue.
- n.* the line at which the earth's surface and the sky appear to meet; the range of interest or activity that can be anticipated
90. Both parties are now entirely ideologically _____.
- v.* to put or arrange two or more things in a straight line or to form a straight line
91. The _____ industry is a major contributor to air pollution in cities.
- n.* a road vehicle that has four wheels and is powered by an engine, used for transporting people or goods
92. The unique style of this martial arts _____ many action film producers.
- v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
93. The _____ declared its independence and became a republic.
- n.* a country or an area that is governed by a more powerful country that is often far away

ANSWERS: 86. determinant, 87. pounds, 88. inspiring, 89. horizon, 90. aligned, 91. automobile, 92. inspired, 93. colony

94. 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

95. They need food and _____.

- n.* a structure built to protect from poor weather, danger, or attack; (verb) to protect or shield from harm or adversity, particularly relating to environmental conditions or danger

96. Gamma _____ penetrate body tissues and cause cell damage.

- n.* a narrow line of light, heat, or another form of energy

97. 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

98. The idea that aliens built the pyramids is _____.

- adj.* absurd, ridiculous, or contrary to reason or common sense

99. The _____ launch platform is visible from this hill.

- n.* a large tube-shaped object that moves very fast by a stream of gases let out behind it, used for space travel or as a weapon

100. The _____ scent of the old book filled the air of the dusty library.

- adj.* having a strong, earthy smell that is often reminiscent of musk or moss

101. 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

ANSWERS: 94. planet, 95. shelter, 96. rays, 97. underground, 98. preposterous, 99. rocket, 100. musky, 101. decide

102. I ____ that you know it.

- v.* to risk money on the result of an event or a competition, such as a race or game, to get more money; to have faith or confidence in something

103. The sun will _____ the mist.

- v.* to turn a liquid into a gas; to become less intense and disappear gradually

104. The athlete tightened the _____ on his running shoes before the race.

- n.* a long, narrow strip or belt of leather, fabric, or another material used for binding, fastening, or supporting something or someone; a band or string that attaches one object to another, often used to secure items during transport

105. Without investment, a business cannot _____.

- v.* to grow vigorously; to make steady progress

106. The corporation _____ dominated the entire tobacco business.

- adv.* finally, particularly after a long time or a lot of struggle, complications, and so on

107. He tried every possible treatment, including chemotherapy and _____ therapy.

- n.* the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health

108. The _____ of the ice age have shaped Fjord.

- n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole

109. European powers _____ much of the Americas in the 16th and 17th centuries.

- v.* to establish a colony in or on a specific place; to settle or occupy in large numbers

ANSWERS: 102. bet, 103. evaporate, 104. strap, 105. thrive, 106. eventually, 107. radiation, 108. glaciers, 109. colonized

110. 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

111. The athlete was able to _____ over the hurdle with ease.

- v.* to jump or spring into the air, often with the feet leaving the ground or a surface below; to move quickly or suddenly, often forward or upward

112. He forcibly _____ the flyer into my bag.

- v.* to push someone or something in a rough way

113. A _____ audience viewed the broadcast.

- adj.* enormous in size, number, amount, or quantity

114. As technology evolves, we need to _____ our work styles.

- v.* to redesign or restructure something such as a machine, system, organization, etc.

115. The golfer recorded an _____ distance.

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

116. He got an electric _____ at work.

- n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant

117. She felt _____ after finishing her book.

- adj.* having completed a task or achieved a goal successfully; skilled or proficient at something

ANSWERS: 110. orbit, 111. leap, 112. shoved, 113. vast, 114. reengineer, 115. amazing, 116. shock, 117. accomplished

118. Who answers _____ knows little.

adv. quickly and unexpectedly

119. We cannot afford to squander _____ time.

adj. uncommon and extremely valuable

120. I'm so sorry to _____ you when you're pretty busy.

v. to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

121. She had lived through two world wars in her _____.

n. the duration of someone's life or something's existence;

122. Trees absorb _____ dioxide and give off oxygen.

n. a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals

123. He could not _____ against temptation.

v. to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction

124. The team's _____ attitude towards deadlines caused the project to fall behind schedule.

adj. lacking in tension or firmness; loose or not tight; having a relaxed or lazy attitude

125. There is very little water in the _____ atmosphere.

adj. of or relating to Mars or its imaginary inhabitants

ANSWERS: 118. suddenly, 119. precious, 120. disrupt, 121. lifetime, 122. carbon, 123. struggle, 124. slack, 125. Martian

126. 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
127. We are developing plant-derived _____ to reduce environmental impact.
- n.* a substance composed of macromolecules (= large groups of atoms) made from many smaller and simpler molecules
128. The sea surface temperature and _____ circulation are inextricably linked.
- adj.* about or located in the earth's atmosphere
129. Her response revealed _____ idiocy.
- adj.* unbelievable; enormous
130. Finding a safe and _____ neighborhood is important when looking for a new place to live.
- adj.* capable of being lived in comfortably and sustainably; suitable for human habitation
131. There are _____ differences between the two wine-producing regions.
- adj.* easy to see, discover or understand
132. From the _____ it was clear that the project would be a challenge.
- n.* the start or beginning of something
133. He had to _____ the loose knob back onto the cabinet door.
- v.* to turn something, such as a bolt, with a driver or wrench to tighten or loosen it;
(noun) a cylindrical rod with a helical ridge used to fasten things together

ANSWERS: 126. gravity, 127. polymers, 128. atmospheric, 129. incredible, 130. livable, 131. obvious, 132. get-go, 133. screw

134. In junior high school, we had to dissect a frog in _____ class.

n. the scientific study of life and the natural processes of living things

135. We elected him to _____ us at the international conference.

v. to speak, act, or be present on behalf of another person or group; to form or constitute

136. The construction project has been delayed _____ due to the pandemic.

adv. without any fixed or definite limit; for an unknown or unspecified period of time

137. The restaurant _____ a ban on smoking.

v. to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear

138. This _____ has never been formally accepted.

n. a thing that someone has accomplished, primarily through their effort and ability

139. The company plans to _____ the barren land into a lush green park.

v. to transform the environment or land of a planet, moon, or other celestial body to make it habitable for life, typically by introducing or modifying the atmosphere, temperature, or topography

140. 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

141. Clouds form when water _____ rises to the upper atmosphere.

n. a mass of tiny liquid drops in the air

ANSWERS: 134. biology, 135. represent, 136. indefinitely, 137. reversed, 138. achievement, 139. terraform, 140. trap, 141. vapor

142. He did _____ pen-and-ink drawings in just a few days.

adj. involving a lot of different things or parts in a way that is difficult to understand or analyze

143. The _____ keen eyesight makes it an excellent hunter.

n. a bird of prey characterized by its sharp talons and hooked beak; typically having a long tail and wingspan and known for its swift and agile flight

144. Her resistance _____ under his persuasion.

v. to turn from something solid into something soft or liquid as a result of heating

145. The workers were able to _____ the tent in just a few minutes.

v. to construct or build something; to cause to rise; (adjective) upright or vertical

146. He moved his body _____ to the left.

adv. in a small degree or extent; a little

147. The _____ bus will take you to the airport in 15 minutes.

n. a vehicle or boat that regularly moves between two places; bobbin that passes the weft thread between the warp threads

148. He acted like an _____ and spilled his drink all over the floor.

n. a foolish or stupid person who lacks common sense or judgment; a derogatory term used to describe someone who is mentally deficient

149. We seek a candidate who possesses _____ fighting potential.

adj. able or willing to modify or be modified to deal with new situations

150. The _____ on Mars is gathering data on the planet's surface and sending it back to Earth.

n. a vehicle designed to travel over rough terrain, especially on the surface of a planet or moon

ANSWERS: 142. complicated, 143. falcon's, 144. melted, 145. erect, 146. slightly, 147. shuttle, 148. idiot, 149. adaptable, 150. rover

151. The European Central Bank is Europe's _____ of the Federal Reserve.
n. having the same value, quality, meaning, purpose, etc.
152. The museum houses a _____ collection of Celtic artifacts.
adj. extremely interesting
153. _____ advances have disrupted many industries.
adj. based on scientific and industrial progress
154. 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
155. The news of her promotion _____ her.
v. to make someone feel suddenly enthusiastic or eager
156. The child was sent home from school because of a lice infestation caused by one _____.
n. a small, wingless insect that lives on the bodies of mammals and birds, often considered a parasite; a contemptible or despicable person
157. The blood's red coloring comes from iron _____.
n. a chemical compound that contains at least one oxygen atom and one other element
158. The accident at that nuclear power plant _____ the local ecosystem.
v. to wipe out, destroy, or conceal all signs of something utterly; to remove completely from recognition or memory

ANSWERS: 151. equivalent, 152. fascinating, 153. Technological, 154. Pole, 155. excited, 156. louse, 157. oxide, 158. obliterated

ANSWERS: