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Regina Dugan: From mach-20 glider to hummingbird drone | TED Talk

https://www.ted.com/talks/regina_dugan_from_mach_20_glider_to_hummingbird_drone

All Words

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Session 1: Word List

nerd

n. a person who is very interested in and knowledgeable about a particular subject such as computers, mathematics, chess, etc.

synonym : geek, techie, wonk

(1) a computer **nerd**, (2) **nerd** neck

He was, by nature, a cyber **nerd**.

engineer

n. a person whose job is designing, building, or maintaining something such as machines, structures, or software

synonym : architect, creator, builder

(1) a civil **engineer**, (2) **engineer** shortage

The **engineer** will repair my telephone tomorrow morning.

magical

adj. produced by or containing supernatural powers

synonym : enchanting, occult, supernatural

(1) **magical** place, (2) **magical** powers

When I was a child, my mother often cast **magical** spells to ease my pain whenever I was injured.

defy

v. to challenge or dare someone to do something; to resist or disobey a rule, decision, etc.

synonym : challenge, resist, disobey

(1) **defy** gravity, (2) **defy** authority

She tried to **defy** her parents by moving to the city against their wishes.

refuse

v. to show that one is not willing to do or accept something

synonym: turn down, deny, decline

(1) **refuse** a request, (2) **refuse** the company

My initial reaction was to **refuse**.

suddenly

adv. quickly and unexpectedly

synonym: abruptly, unexpectedly, unawares

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

Who answers **suddenly** knows little.

attempt

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

synonym: endeavor, effort, try

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

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

uncomfortable

adj. providing or feeling physical discomfort or slight pain

synonym: comfortless, discomforting, painful

(1) an **uncomfortable** silence, (2) with an **uncomfortable** face

His abusive words made me **uncomfortable**.

constrain

v. to restrict or limit someone or something's freedom or ability to do something

synonym: restrict, limit, confine

(1) **constrain** his freedom, (2) **constrain** information flow

The political situation **constrained** the country's economic growth and foreign relations.

dull

adj. not interesting or exciting; not bright, vivid, or shiny; not active, brisk, or sharp

synonym: insensitive, unintelligent, boring

(1) a **dull** pain, (2) **dull** sight

The trade is **dull** right now due to the collapse of the prominent investment bank.

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.

encouraging

adj. giving hope, confidence, or support; inspiring

synonym: uplifting, inspiring, optimistic

(1) **encouraging** approval, (2) **encouraging** sign

The test results were **encouraging** and showed improvement.

discotheque

n. a nightclub or restaurant where recorded music is played, and people dance

synonym: nightclub, dance club, disco

(1) **discotheque** party, (2) **discotheque** scene

He couldn't wait to hit the **discotheque** and dance the night away.

appropriate

adj. suitable or proper in the circumstances; fitting

synonym: fitting, suitable, proper

(1) **appropriate** behavior, (2) an **appropriate** time

It would be **appropriate** to dress nicely for the wedding.

achieve

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

synonym: accomplish, attain, reach

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

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

surpass

v. to be or do better than someone or something; to excel or go beyond the limits or standards of something

synonym : excel, outdo, outperform

(1) **surpass** imagination, (2) **surpass** \$20 billion in sales

The athlete's record-breaking performance **surpassed** all expectations.

lord

n. a person who has general authority, control, or power over others; a man of noble rank or high office

synonym : master, noble, peer

(1) a young **lord**, (2) **lord** of castle

The feudal **lord** had ruled the land for many years.

Kelvin

n. a unit of measurement for temperature in the International System of Units (SI), which starts at absolute zero, the theoretical lowest limit of temperature, and named after the British physicist William Thomson, also known as Lord Kelvin

synonym : K, degree

(1) **Kelvin** scale, (2) **Kelvin** measurement

The scientist cooled the sample to just a couple of **Kelvin** to observe quantum effects.

declare

v. to say, state, or announce something clearly, officially, or publicly

synonym : announce, state, affirm

(1) **declare** independence, (2) **declare** my love

Foreign goods from abroad must be **declared** to customs when entering a country.

prevailing

adj. most frequent, widespread, or currently dominant, usually referring to a particular opinion, attitude, or trend

synonym : dominant, prevalent, current

(1) **prevailing** wind, (2) **prevailing** trend

The **prevailing** opinion was that the project would be a success.

aerodynamics

n. the study of the motion of air, particularly its interaction with solid objects moving through it, such as aircraft or cars

synonym : aeromechanics, aeronautics, airflow

(1) **aerodynamics** research, (2) **aerodynamics** design

The **aerodynamics** of the car allowed it to glide smoothly through the air.

aircraft

n. any vehicle that can fly and carry things or passengers, such as a plane or helicopter

synonym : airplane, plane, airliner

(1) an **aircraft** landing, (2) **aircraft** control system

The marine **aircraft** manufacturer demonstrated their newest hydroplane.

wright

n. a person who makes or repairs something, especially a craftsman or artisan who works with wood or metal

synonym : builder, constructor, craftsman

(1) a car- **wright**, (2) aircraft **wright**

She was a skilled **wright**, able to craft intricate pieces of furniture.

flee

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

synonym : exit, escape, run away

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

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

declaration

n. a formal or explicit statement or announcement

synonym : statement, announcement, proclamation

(1) **declaration** of independence, (2) unilateral **declaration**

The President made the **declaration** of war.

impossibility

n. the state or condition of being impossible; something that is not possible or cannot be done

synonym : impracticality, infeasibility, impossibleness

(1) **impossibility** theorem, (2) **impossibility** of performance

According to the laws of physics, an event happening before its cause is a logical **impossibility**.

creditor

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

subtle

adj. not readily apparent or visible
synonym: slight, nuanced, exquisite
(1) **subtle** changes, (2) a **subtle** poison
A famous artist painted the room in a **subtle** pink hue.

toy

n. a thing, typically a small model or replica of something that is played with, especially by children
synonym: plaything, game, trinket
(1) **toy** store, (2) **toy** box
He gave his daughter a new **toy** for her birthday.

military

adj. relating to or characteristic of members of the armed forces; of or relating to war or warfare
synonym: armed, martial, warlike
(1) a **military** operation, (2) a **military** leader
The **military** academy was known for its strict discipline and training.

transonic

adj. pertaining to speeds approaching and crossing the sound barrier, typically referring to aircraft or objects traveling at or near the speed of sound
synonym: near-sonic
(1) **transonic** flight, (2) **transonic** aircraft
The aircraft reached **transonic** speeds as it broke the sound barrier.

debate

n. a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest,

in which participants offer opinions and differing perspectives

synonym : argument, discussion, dispute

(1) **debate** topic, (2) **debate** competition

The **debate** over climate change continues to be a hot topic in politics.

regime

n. the organization, a system, or method that is the governing authority of a political unit

synonym : administration, establishment, government

(1) a puppet **regime**, (2) exercise **regime**

Totalitarian **regimes** are less likely to innovate because they deprive individuals of economic incentives.

tunnel

n. an underground or underwater passage, typically for trains or cars

synonym : passageway, underground passage

(1) **tunnel** construction work, (2) **tunnel** disease

The workers had to dig through solid rock to create the vehicular **tunnel** allowing the cars to pass through the mountain.

chuck

v. to throw something carelessly or casually; to get rid of something or someone

synonym : toss, throw, discard

(1) **chuck** the ball across the yard, (2) **chuck** my job

I will **chuck** these old shoes in the trash and buy a new pair.

cockpit

n. the area in an aircraft or spacecraft from which the pilot controls the aircraft or spacecraft

synonym : flight deck, control room, bridge

(1) navigator's **cockpit**, (2) **cockpit** ship

The pilot sat in the **cockpit** of the airplane.

possibility

n. a chance that something may happen or be true

synonym : chance, prospect, likelihood

(1) **possibility** for growth, (2) **possibility** of a major earthquake

The **possibility** of getting the disease will drastically increase.

pilot

n. a person who flies an aircraft, especially as a job; a person qualified to guide ships through a difficult area of water

synonym: aviator, flyer, chief

(1) a test **pilot**, (2) **pilot** production

The **pilot** exercised great care in landing.

atlas

n. a book of maps or charts; a figure in Greek mythology who bore the weight of the world on his shoulders

synonym: map, chart, gazetteer

(1) **atlas** map, (2) **atlas** of anatomy

The world **atlas** showed me the locations of all the countries.

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.

aft

adj. (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle

(1) **aft** cabin, (2) **aft** view

The **aft** section of the ship suffered significant damage after the collision with the reef.

combine

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

synonym: coalesce, cohere, blend

(1) **combine** chemically with another substance,

(2) **combine** augmented reality

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

supersonic

adj. relating to or having a speed above the speed of sound (roughly 767 miles per hour or 1,235 kilometers per hour at sea level)

synonym : hypersonic, ultrasonic, transonic

(1) **supersonic** aircraft, (2) **supersonic** wind tunnel

The spacecraft reentered the Earth's atmosphere at **supersonic** speeds.

foil

n. a thin and flexible sheet of metal, such as aluminum, used for wrapping or covering items; a literary device in which a character's actions or words are used to contrast or highlight the actions or words of another character; (verb) to prevent someone from succeeding in their plans or actions

synonym : enhancer, transparency, (verb) curb

(1) aluminum **foil**, (2) **foil** a terror plot

The baker covered the cake with **foil** to prevent it from burning in the oven.

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.

molten

adj. in a liquid state as a result of being heated

synonym : melted, liquefied, fused

(1) a **molten** image, (2) **molten** lava

The **molten** metal was poured into the mold.

steel

n. a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure

synonym : iron

(1) magnetic **steel**, (2) **steel** beam

This bridge is the third largest **steel** bridge in the world.

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.

blast

n. explosion, or a strong current of air, usually caused by an explosion; a sudden, thunderous noise

synonym : blow, burst, explosion

(1) a **blast** of wind, (2) an icy **blast**

The **blast** shattered the laboratory equipment.

furnace

n. an enclosed chamber for heating metal or glass to very high temperatures

synonym : incinerator

(1) electrical **furnace**, (2) gas-fired **furnace**

In the **furnace**, the metal gleamed with radiance.

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.

burning

adj. intense or scorching heat

synonym : scorching, blazing, smoldering

(1) **burning** desire, (2) **burning** passion

The fire spread rapidly, engulfing everything in its path in a **burning** inferno.

maneuver

n. a motion or combination of moves that requires skill and care; a clever strategy, activity, or movement intended to give someone an advantage

synonym : gimmick, trick, action

(1) political **maneuvers**, (2) made a great **maneuver**

In this class, we learn the basic **maneuver** of the plane.

boost

v. to improve, raise, or increase something

synonym: raise, advance, promote

(1) **boost** the economy, (2) **boost** flexibility

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

atop

adv. on, to, or at the top

synonym: upon, onto

(1) stand **atop**, (2) sit **atop** a stack of books

The eagle perched **atop** the tallest tree in the forest.

Minotaur

n. in Greek mythology, a creature with the head of a bull and the body of a man is depicted as inhabiting a labyrinth on the island of Crete

synonym: bull, labyrinth dweller

(1) defeating the **Minotaur**, (2) labyrinth of the **Minotaur**

The ancient Greek myth tells the tale of the **Minotaur**, a half-man and half-bull creature.

impulse

n. a sudden strong and unreflective wish or need to do something; the electrical discharge that travels along a nerve fiber

synonym: stimulation, provocation, urge

(1) a combative **impulse**, (2) profound religious **impulses**

Nerve **impulses** cross a synapse through the action of neurotransmitters.

portion

n. one component of a larger entity

synonym: part, amount, fragment

(1) the inner **portion** of the body, (2) large **portion**

The rocket's front **portion** falls off.

trajectory

n. the curved path followed by an object moving through space

synonym: course, curve, orbit

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

The company has shown an excellent growth **trajectory** over

the years.

unnatural

adj. not in accordance with the normal or natural order or not normal, typical, or expected

synonym : abnormal, bizarre, artificial

(1) **unnatural** death, (2) **unnatural** disaster

The **unnatural** growth of the city has disrupted wildlife habitats.

glider

n. a light aircraft or small, unpowered plane that is designed to glide and soar through the air using natural winds and or thermal currents

synonym : sailplane, soaring bird

(1) **glider** club, (2) paper- **glider**

The hang- **glider** enthusiast looked at the clear skies, anticipating a perfect day to take flight.

conceal

v. to prevent something from being seen, found, observed, or discovered

synonym : hide, keep secret, camouflage

(1) **conceal** my identity, (2) **conceal** a close relationship

Despite the intense verbal abuse, she **concealed** her anger well.

aspect

n. one part or feature of a situation, problem, subject, etc.

synonym : characteristic, element, factor

(1) nontechnical **aspects** of the job, (2) **aspects** of social, political, and economic life

His professional experience includes all **aspects** of media production.

ratio

n. the relative size or amount of one thing to another, typically expressed in the form of a fraction or decimal

synonym : proportion, rate, quota

(1) debt-to-income **ratio**, (2) **ratio** of boys to girls

The **ratio** of water to sugar in the recipe is 1:2.

unmanned

adj. not having a human crew or operator, as in unmanned aerial vehicles (UAVs) or unmanned spacecraft

synonym: uncrewed, automated, robotized

(1) an **unmanned** stop, (2) **unmanned** drone

The **unmanned** spacecraft landed on the asteroid.

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**.

substitute

n. a person or thing acting or serving instead of another one; (verb) to act as a something or someone instead of another one

synonym: alternate, replacement, reserve

(1) **substitute** coffee, (2) **substitute** teacher

I **substitute** skim milk for regular milk because we are on a strict diet.

hummingbird

n. a small bird with a highly specialized beak and wings that allow it to hover in place, known for its rapid wingbeats and ability to fly in any direction

(1) **hummingbird** feeder, (2) **hummingbird** nest

Watching a **hummingbird** at a flower is like observing a miniature ballet of nature.

backward

adv. at, to, or toward the direction or place that is behind or rear

synonym: back, rearward, in reverse

(1) walk **backward**, (2) **backward** angle

She falls over **backward** when she sees her mother-in-law.

upside

n. the positive aspect or potential of something; the upper side of something

synonym : advantage, benefit, top

(1) have no **upside**, (2) market **upside**

Many people see the **upside** of traveling as an opportunity to experience new cultures and broaden their horizons.

humming

adj. producing a continuous, low, vibrating sound like that of the bee

synonym : buzzing, droning, vibrating

(1) **humming** sound, (2) **humming** bird

The **humming** of the bees filled the air as she walked through the garden.

drone

n. a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control

synonym : hum, whirr, idler

(1) **drone** flight, (2) the speaker's **drone**

He heard a **drone** of sirens roar from the neighboring town.

hover

v. to stay in one place in the air

synonym : hang, float over, drift

(1) **hover** between life and death, (2) **hover** around the table

Two birds were **hovering** overhead.

rotate

v. to turn around a central point or axis; to move in a circular path around something

synonym : turn, revolve, spin

(1) **rotate** crops, (2) **rotate** about the origin

The Earth **rotates** on its axis once every 24 hours.

prototype

n. a first or preliminary example of something such as a device or vehicle from which other forms are developed

synonym : mock-up, precursor, model

(1) complete a **prototype** product, (2) early **prototype**

The flying car is presently in the **prototype** stage.

equip

v. to provide a person or a place with the things that are needed for a particular purpose or activity

synonym: prepare, furnish, provide

(1) **equip** an army, (2) **equip** our children with some special skills

The construction company **equipped** the building with an earthquake-resistant device.

weigh

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

synonym: consider, cogitate, count

(1) **weigh** heavily on stock prices, (2) **weigh** a cargo

The baby **weighs** 1 pound 3 oz.

battery

n. a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them

synonym: electric cell, array, batch

(1) a dry **battery**, (2) **battery** charging

The engine did not start because the **battery** was flat.

nectar

n. a sweet liquid produced by flowers that attracts and provides food for bees and other insects; any sweet liquid that is enjoyed as a drink or used as a flavoring

synonym: honey, ambrosia, syrup

(1) **nectar** of the gods, (2) fruit **nectar**

The **nectar** of the flowers attracted many bees to the garden.

whopping

adj. extremely large, impressive, or noteworthy; it can also be used to describe a surprise or shock

synonym: enormous, gigantic, massive

(1) **whopping** price, (2) **whopping** success

The new smartphone has a **whopping** 1TB of storage space.

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.

matte

adj. having a surface without a shine, luster; non-glossy

synonym : dull, flat, lusterless

(1) **matte** coating, (2) photo with a **matte** finish

The body of his car has a **matte** finish.

stability

n. the quality or attribute of being firm and steadfast

synonym : resilience, solidity, steadiness

(1) **stability** pact, (2) fiscal **stability** pact

The policy should increase the country's monetary **stability**.

rough

adj. not quite exact or correct; having or caused by an irregular surface

synonym : inelegant, coarse, barbarian

(1) **rough** and tough, (2) **rough** estimation

The vehicle bounced along the **rough** mountain road.

terrain

n. the physical features of a piece of land, including hills, valleys, rivers, and forests

synonym : land, geography, topography

(1) **terrain** map, (2) permafrost **terrain**

The mountainous **terrain** was rough and rocky.

cheetah

n. a large, slender, and fast-running African cat with a yellowish-brown coat and black spots

synonym : leopard, jaguar, panther

(1) **cheetah** sprint, (2) **cheetah** habitat

The mother **cheetahs** fiercely protect their cubs, teaching them valuable hunting and survival skills before they venture out independently.

occasional

adj. happening or appearing at irregular intervals; not constant or regular

synonym : infrequent, sporadic, irregular

(1) **occasional** visitor, (2) **occasional** assistance
She only visited her grandparents on **occasional** weekends.

clumsy

adj. lacking in grace or skill; awkward; cumbersome
synonym: awkward, ungainly, inept

(1) **clumsy** at sports, (2) **clumsy** attempt
The **clumsy** waiter accidentally spilled a tray of drinks on a customer.

spider

n. a small, eight-legged creature that spins webs to catch insects as food; a computer program that systematically browses the World Wide Web for purposes of web indexing

synonym: arachnid, wanderer

(1) **spider** venom, (2) web **spider**
The **spider** spun an intricate web in the corner of the room.

gecko

n. a small to medium-sized lizard with soft, velvety skin, short legs, and adhesive pads on the feet that allow them to climb and walk along vertical surfaces

synonym: lizard, salamander, chameleon

(1) **gecko** habitat, (2) house **gecko**
I saw a **gecko** crawling on the wall of my bedroom.

structure

n. the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

synonym: construction, architecture, establishment

(1) the **structure** of a machine, (2) **structure** and function of the brain

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

seta

n. (of biology) a stiff, bristle-like appendage or hair-like structure found in certain organisms, such as insects or mosses

synonym: bristle, hair, trichome

(1) hairy **seta**, (2) sensory **seta**

The mushroom's cap was covered in tiny **setae**, giving it a velvety texture.

grip

n. the act of holding onto something firmly with your hands, or the ability to do so; (verb) to hold fast or firmly

synonym: grasp, clasp, (verb) hold

(1) **grip** of fear, (2) lose my **grip**

He had a firm **grip** on the rope as he climbed the mountain.

molecular

adj. of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)

synonym: microscopic, atomic

(1) **molecular** structure, (2) **molecular** biology

Molecular weight is the sum of all the atoms.

manufacture

v. to make goods in large numbers, usually in a factory using machines

synonym: create, fabricate, assemble

(1) **manufacture** an enzyme, (2) **manufacture** a product

The majority of synthetic vitamins are **manufactured** from oil.

mimic

v. to imitate someone's speech, movement, or behavior, especially to make others laugh

synonym: mirror, imitate, ape

(1) **mimic** a human voice, (2) **mimic** numerous instruments

He is very popular at school because he can **mimic** all the teachers' accents.

artificial

adj. not natural and made by human beings; not real but produced to resemble something

synonym: synthetic, man-made, manufactured

(1) **artificial** flowers, (2) **artificial** environment

The **artificial** intelligence system has revolutionized the way we live and work.

nanoscale

adj. on a scale that can be measured in nanometres (= one billionth of a meter); on a very small scale

(1) **nanoscale** device, (2) things at the **nanoscale**

This process improves the strength of the metal by controlling the **nanoscale** lattice structure of the metal.

adhesive

n. a sticky substance used to hold things together

synonym: sticky, clingy, gluey

(1) **adhesive** ability, (2) **adhesive** tape

You'll need some solid **adhesive** to repair that chair.

static

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

synonym: immobile, unchanging, fixed

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

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

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**.

stick

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

synonym: pierce, adhere, stay

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

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

plasma

n. (biology) the yellow-colored liquid component of blood, in which blood cells are suspended; (physics) one of the four fundamental states of matter consisting of positive ions and free electrons

(1) **plasma** membrane, (2) high-temperature **plasma**

Blood **plasma** makes up about half of the volume of blood.

nail

n. a thin, pointed piece of metal with a flat head used for fastening things together; the thin hard layer covering and protecting the outer tip of the fingers or toes

synonym : pin, tack, fastener

(1) rusty **nail**, (2) **nail** clipper

He used a hammer and round **nail** to fix the loose board on the fence.

passive

adj. characterized by a lack of activity or initiative; not actively participating or engaging in something; marked by a tendency to accept things without resistance or opposition

synonym : inactive, lethargic, apathetic

(1) **passive** response, (2) **passive** vocabulary

The **passive** approach taken by the government towards climate change is concerning.

mite

n. a tiny arachnid-like creature that is related to ticks and spiders and often lives as a parasite on plants or animals

synonym : speck, insect

(1) house dust **mite**, (2) a **mite** of evidence

The **mite** infestation in the old house was a serious problem for the residents.

diameter

n. the length of a straight line passing through the center of a circle and connecting two points on the circumference

synonym : diam, width

(1) **diameter** of an oval, (2) a particle **diameter**

Draw a circle five centimeters in **diameter**.

moving

adj. causing strong emotions or feelings, especially sadness or sympathy

synonym : emotional, poignant, touching

(1) **moving** experience, (2) **moving** ceremony

His **moving** speech about his struggles with addiction brought tears to the audience's eyes.

display

v. to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value

synonym: show, exhibit, present

(1) **display** merchandise, (2) **display** artwork

We need to **display** our products in an attractive way to attract customers.

definition

n. a concise explanation of the meaning of a word, phrase, or symbol

synonym: description, connotation, meaning

(1) a precise **definition**, (2) the **definition** of a word

Parallel lines are, by **definition**, lines on the same plane that never cross.

truss

v. to support, brace, or strengthen a structure or object with a framework, typically made of wood or metal; to bind or tie something together, usually tightly; (noun) a framework or structure composed of beams, bars, or other elements that are designed to support or strengthen a roof, bridge, or other construction

synonym: support, brace, reinforce

(1) **truss** a chicken, (2) bridge **truss**

The construction workers had to **truss** up the beams to support the weight of the building.

microscopy

n. the scientific study of small structures or substances using microscopes, including the anatomical, physiological, and pathological aspects of cells, tissues, and organs

synonym: microanalysis, magnification

(1) clinical **microscopy**, (2) electron **microscopy**

The scientist used a **microscopy** technique to study the cells at a microscopic level.

metal

n. a solid material that is typically hard, shiny, malleable, fusible, and ductile, with good electrical and thermal conductivity, and often used as a structural material, a conductor of heat or electricity, or for decorative purposes

synonym: alloy, metalloid

(1) **metal** fabrication, (2) precious **metal**

The construction worker used a **metal** saw to cut through the stubborn sheet metal.

dandelion

n. a common weed with a bright yellow flower and deeply notched leaves that is often seen growing in lawns and other grassy areas; its leaves can be eaten as a salad green, and its roots are sometimes used in herbal medicine

synonym: blowball

(1) **dandelion** root, (2) **dandelion** tea

In the summer, fields are filled with yellow **dandelion** flowers.

puffy

adj. swollen or distended, especially with air or gas;

synonym: swollen, distended, inflated

(1) **puffy** off-shore winds, (2) **puffy** eyes

His cheeks looked **puffy** after he overate junk food.

wisp

n. a thin, delicate strand or vestige of something, such as smoke, vapor, or a piece of hair; a faint, barely perceptible indication or hint of something; a small creature or fairy, often depicted as a hovering, translucent figure

synonym: strand, thread, filament

(1) a **wisp** of mist, (2) a **wisp** of conversation

The **wisp** of smoke from the candle added to the room's cozy ambiance.

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.

crashworthy

adj. designed to withstand an impact or collision and minimize injury or damage to people or property; able to protect occupants during a crash or collision

synonym : safe, durable, rugged

(1) **crashworthy** design, (2) **crashworthy** aircraft

The military vehicles are built with **crashworthy** structures to protect soldiers in combat situations.

lightning

n. a flash, or several flashes, of light that accompanies an electric discharge in the atmosphere, or something resembling such a flash

synonym : bolt, electrical discharge

(1) streaks of **lightning**, (2) **lightning** air strike

The human eye is **lightning-fast** in recognizing objects.

strike

v. to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon

synonym : hit, impact, influence

(1) **strike** up a conversation, (2) **strike** a blow

We **strike** to achieve more wages and safer working conditions.

globe

n. the earth or world, mainly used to emphasize its vastness

synonym : Earth, world, sphere

(1) terrestrial **globe**, (2) around the **globe**

His final goal is to sail around the **globe**.

bolt

n. a metal bar that slides across to lock a door or window closed; a discharge of lightning accompanied by thunder; (verb) to move or jump suddenly

synonym : lock, fastener, thunderbolt

(1) **bolt** diameter, (2) **bolt** from my bed

The lightning **bolt** twiggged in several directions.

electromagnetic

adj. of or relating to the magnetism produced by electric charge in motion

(1) **electromagnetic** radiation, (2) **electromagnetic** properties

His hypothesis concerns the role of an **electromagnetic** field in human health.

pulse

n. the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves

synonym : beat, vibration, throb

(1) a weak **pulse**, (2) **pulse** waves

The cardiac monitor displays the intensity of your **pulse**.

beacon

n. a light or other visible object serving as a signal, guide, or warning

synonym : lighthouse, guidepost, marker

(1) an aerial **beacon**, (2) **beacon** of hope

The lighthouse served as a **beacon** to guide ships safely into port.

transmitter

n. a piece of equipment used for generating and sending electronic signals, especially radio or television signals

synonym : sender

(1) a **transmitter** of a family line, (2) radio **transmitter**

This substance acts as a neural **transmitter** substance.

experiment

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

synonym : experimentation, investigation

(1) **experiment** design, (2) series of **experiments**

His **experiments** showed highly positive results.

electrical

adj. relating to electricity

(1) an **electrical** storm, (2) degree in **electrical** engineering

Actuators convert **electrical** pulses into motion.

brain

n. the organ inside the head that is responsible for one's movement, thought, memory, and feeling

synonym: intellect, mind, encephalon

(1) basic **brain** function, (2) permanent **brain** damage

X-rays revealed a small tumor in his **brain**.

grid

n. a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region

synonym: gridiron, battery grid, power system

(1) a **grid** design, (2) a wire **grid**

Grid pattern roads often appear in urban areas.

thumb

n. the short, thick digit of the hand next to the index finger;
(verb) to travel by getting free rides from motorists

synonym: digit, finger, phalange

(1) **thumb** wrestling, (2) **thumb** a ride

He used his right **thumb** to press the button on his phone.

electrode

n. either of two points or ends of a conductor at which electricity enters or leaves an object, substance, or region

(1) platinum **electrodes**, (2) **electrode** corrosion

It is important to place the **electrodes** in the correct position for accurate electro-cardiogram recording.

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.

prosthetic

adj. of or relating to an artificial part of the body, such as a limb, a heart, or a breast implant

(1) have **prosthetic** arms, (2) **prosthetic** limbs

New **prosthetic** joints are less prone to metal poisoning.

- goo** *n.* a sticky or slimy substance, often of indeterminate or unknown composition; a slang term used to describe something messy, chaotic, or confusing
synonym : slime, muck, gunk
(1) oozing **goo**, (2) slime **goo**
The science experiment involved mixing various liquids to create a bubbling **goo**.
- vaccine** *n.* a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)
synonym : vaccinum
(1) development of **vaccines**, (2) an oral **vaccine**
The mRNA **vaccine** was approved in less than a year because it did not contain the fragments of the target virus.
- tobacco** *n.* a plant grown for its leaves, which are dried and processed for smoking or chewing or extraction of nicotine
synonym : smoking, nicotine, cigar
(1) **tobacco** industry, (2) a mild **tobacco**
Tobacco product is a leading cause of preventable deaths worldwide.
- dose** *n.* a quantity or amount of medicine or a drug that is taken or administered at one time, typically measured out in specific units; a similar measure of exposure to a harmful substance or radiation
synonym : portion, amount, measure
(1) **dose** adjustment, (2) daily **dose**
She took the recommended **dose** of medication to treat her headache.
- far-fetched** *adj.* (of an idea or story) so exaggerated or ludicrous as to be very difficult to believe
synonym : bizarre, doubtful, unbelievable
(1) **far-fetched** idea, (2) **far-fetched** expressions

Though his plan sounded **far-fetched** at first, he realized it anyway.

dimension

n. a measurable extent of a particular kind, such as width, height, or length

synonym: extent, measurement, size

(1) new **dimension**, (2) the crosswise **dimension**

Overall **dimensions** are approximately 400x200mm.

retrovirus

n. a type of RNA virus that uses the enzyme reverse transcriptase to convert its RNA into DNA, which then inserts itself into the host cell's genome, which can cause a variety of diseases in humans and animals, including HIV (Human Immunodeficiency Virus)

(1) **retrovirus** infection, (2) feline **retrovirus**

The patient's condition improved after beginning a **retrovirus-targeted** treatment regimen.

protease

n. an enzyme that breaks down proteins by hydrolyzing the peptide bonds between amino acids, playing a crucial role in digestion and many other physiological processes

synonym: enzyme, peptidase

(1) digestive **protease**, (2) pancreatic **protease**

Protease enzymes play a crucial role in breaking down proteins in the digestive system.

contribute

v. to give something, especially money or goods, to provide or achieve something together with other people

synonym: donate, devote, commit

(1) **contribute** a large sum of money to the fund,

(2) **contribute** to society

Government workers cannot **contribute** to political campaigns.

rhesus

n. a type of macaque monkey (any of the various short-tailed monkeys found in Asia and Africa) often used in scientific research

synonym : macaca mulatta, macaque

(1) **Rhesus** macaque, (2) **rhesus** experiment

Rhesus monkeys are known for their intelligence and adaptability in captivity.

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.

treatment

n. the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.

synonym : remedy, antidote, medicine

(1) first-aid **treatment**, (2) **treatment** by diet

The primary purpose of the **treatment** is pain relief.

unsolved

adj. not yet understood, explained, or resolved; remaining a mystery or enigma

synonym : unresolved, mysterious, perplexing

(1) **unsolved** mystery, (2) **unsolved** crime

The case remains **unsolved** after years of investigation.

communal

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

synonym : collaborative, combined, collective

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

Communal elections were held in several European countries.

instrument

n. an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work

synonym: apparatus, tool, device

(1) musical **instruments**, (2) surgical **instruments**

This electronic **instrument** is required to undergo periodic inspections to ensure precision.

democracy

n. a form of government in which the people have the authority to deliberate and decide legislation, or to choose governing officials to do so

synonym: self-government, republic, commonwealth

(1) **democracy** advocate, (2) principles of **democracy**

Democracy often entails inclusive capitalism as well.

fate

n. the development of events beyond one's control; destiny; the ultimate outcome or consequence of a situation or person's actions

synonym: destiny, fortune, karma

(1) **fate** of nations, (2) accept my **fate**

The fortune teller predicted his **fate** and warned him of the looming danger.

nation

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

synonym: country, state, sovereign entity

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

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

population

n. the total number of people in a country, region, or location

synonym: people, inhabitants, folk

(1) **population** change, (2) labor **population**

In just four years, the **population** has doubled.

individual

n. a single person or thing, as distinct from a group
synonym: person, being, self

(1) a private **individual**, (2) **individual** freedom

As an **individual**, he had the right to make his own decisions and live his life as he saw fit.

amplify

v. to enhance something, particularly sound or brightness
synonym: intensify, boost, argument

(1) **amplify** a signal, (2) **amplify** the effect

You might need to **amplify** this point.

humble

adj. having or showing a modest or low estimate of one's quality or importance

synonym: modest, unpretentious, abject

(1) a **humble** cottage, (2) **humble** opinion

The nobler, the more **humble**.

sketch

n. a simple, quickly-made picture that does not have many details; a short descriptive summary of something

synonym: drawing, outline, blueprint

(1) a penciled **sketch**, (2) first design **sketches**

Yesterday, I created a rough **sketch** of the plan.

packet

n. a small container or envelope that holds one or more items typically used for storing or transporting items like food, medicine, or marketing materials

synonym: package, parcel, bundle

(1) **packet** delivery, (2) **packet** data network

I need to buy a **packet** of biscuits from the store.

log-in

v. to enter one's username and password or other credentials to gain access to a computer system, website, or other digital services; (noun) the process of gaining access to a computer system, network, or website by entering a username and password

synonym: log-on, sign-in, access

(1) **log-in** to a network, (2) **log-in** credentials

I had to **log-in** to my email account to check my messages.

buffer

n. a device, material, or person that reduces the impact or effect of an external force or provides protection against harm or damage

synonym: cushion, shield, insulation

(1) a **buffer** between the quarreling parents, (2) use a **buffer** to reduce noise

Using a password manager can act as a **buffer** against hackers who try to steal your personal information.

overflow

v. to flow or run over the edge or brim of a container or surface; to be more than enough

synonym: spill, inundate, flood

(1) **overflow** on the platform, (2) **overflow** with emotion

The river **overflowed** its banks during the heavy rain.

hero

n. a person who is admired or idealized for courage, outstanding achievements, or noble qualities; a character in literature or history who is central to the plot and who exhibits heroic qualities

synonym: champion, protagonist, savior

(1) local **hero**, (2) unsung **hero**

The soldier who sacrificed his life for his country is considered a national **hero**.

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.

mathematics

n. the science dealing with the logic of quantities, shapes, spaces, and arrangement

synonym: arithmetic, calculation, calculus

(1) a good grounding in **mathematics**, (2) **mathematics** competition

He has a flair for **mathematics**.

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.

adventurer

n. a person who enjoys or seeks dangerous and exciting experiences

synonym: explorer, entrepreneur, daredevil

(1) daredevil **adventurer**, (2) outdoor **adventurers**

The ocean **adventurer** holds the record for the oldest solo Pacific Ocean crossing by a sailboat.

fearless

adj. having no fear; brave

synonym: brave, courageous, daring

(1) **fearless** attitude, (2) **fearless** bravery

The **fearless** firefighter rushed into the burning building to save a trapped child.

superhero

n. a fictional hero who possesses extraordinary powers and abilities and is dedicated to protecting the public

(1) **superhero** movies, (2) **superhero** comics

Superman is a classic **superhero** known for his superhuman strength and flying ability.

suppose

v. to think that something is likely to be actual or possible

synonym: guess, assume, presume

(1) **suppose** you're right, (2) **suppose** beforehand

What do you **suppose** the culprit's motive was?

doubt

n. a feeling of being uncertain about something, especially about how good or accurate it is

synonym: distrust, suspect, mistrust

(1) dispel **doubts**, (2) no **doubt** about the news
Doubt is the start, not the end, of intelligence.

creep

v. to move slowly, quietly, and carefully, usually to avoid being seen or heard

synonym: crawl, glide, encroach

(1) **creep** along the leaf, (2) **creep** toward the mouse

Aging **creeps** up slowly with time.

capable

adj. having the ability, skill, or potential to do something; competent or proficient in a particular task or area of expertise

synonym: able, competent, proficient

(1) **capable** worker, (2) **capable** leader

She is highly **capable** of handling multiple tasks at once.

transport

n. a system for moving people or products from one location to another using automobiles, roads, and so on

synonym: shipment, transit, conveyance

(1) **transport** facilities, (2) access to public **transport**

Enhanced rail **transportation** is crucial for our business.

celebrate

v. to acknowledge a memorable or good day or event with a social gathering or enjoyable activity

synonym: praise, glorify, honor

(1) **celebrate** his election, (2) **celebrate** Christmas

He **celebrated** the 10th anniversary of his tenure.

disappointment

n. the feeling of sadness, frustration, or dissatisfaction that arises when something does not live up to one's expectations or hopes

synonym: letdown, frustration, discouragement

(1) **disappointment** in the result, (2) **disappointment** with the service

The cancellation of the concert was a huge **disappointment** for the fans.

- firm** *adj.* resolute or unwavering in decision-making or action; strong or secure in structure, make, or composition; reliable, trustworthy, or dependable; (noun) a business or company
synonym : stable, secure, steadfast
(1) **firm** grip, (2) accounting **firm**
The **firm** deadline for submitting the project is tomorrow, so we need to work efficiently to finish on time.
- probable** *adj.* likely to happen or likely to be true
synonym : likely, possible, potential
(1) **probable** outcome, (2) **probable** cause of a fire
It seems **probable** that he has forgotten our scheduled meeting.
- reconnect** *v.* to connect again after a break or interruption
synonym : reopen, rejoin, link up
(1) **reconnect** a telephone, (2) **reconnect** with family
After a long period of estrangement, they **reconnected** with each other.
- cape** *n.* a type of long, loose outer garment that covers the back, shoulders, and arms; a headland or promontory extending into the sea or other large body of water
synonym : shawl, cloak, mantle
(1) **cape** cod, (2) red **cape**
The superhero wore a flowing **cape** as part of their costume.
- quest** *n.* a long or challenging search for something
synonym : exploration, inquisition, pursuit
(1) the **quest** for truth, (2) on a **quest** for happiness
That adventurer traveled in **quest** of buried treasure.
- pacific** *adj.* peaceful in character or intent; tending to lessen or avoid conflict; calm or soothing in manner or tone; (noun, as "Pacific") the largest and deepest of Earth's oceanic divisions

synonym : calm, peaceful, tranquil

(1) **pacific-natured** disposition, (2) the **Pacific** Ocean
They adopted a **pacific** approach to resolving their differences, emphasizing dialogue and understanding.

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.

ultimate

adj. furthest or highest in degree or order

synonym : highest, maximum, foremost

(1) the **ultimate** goal in life, (2) the **ultimate** luxury

Management must take **ultimate** responsibility for the accident.

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.

payload

n. the amount of cargo or goods that a vehicle or equipment is designed to carry or transport; in computing, the amount of data that can be transmitted over a communication system

synonym : cargo, freight, shipment

(1) **payload** capacity, (2) satellite **payload**

The **payload** for the rocket launch included several satellites and scientific instruments.

necessarily

adv. in an essential manner; in such a way as could not be otherwise

synonym : inevitable, certainly, automatically

(1) not **necessarily** a problem, (2) **necessarily** true

This accident was something that happened **necessarily**.

sequence

n. a series of related events, actions, numbers, etc., which have a particular order

synonym : arrangement, succession, series

(1) the **sequence** of the seasons, (2) the DNA **sequence**

We do move forward with those tasks in **sequence** next week.

flap

n. a piece of material attached to a garment, sail, or aircraft which flaps in the wind; (verb) to move in a wavy pattern or with an up-and-down motion

synonym : winged object, cover, (verb) flutter

(1) the **flap** of wings, (2) **flap** out a candle

The **flap** of the tent was open, letting in the fresh air.

horrible

adj. extremely unpleasant or bad; causing fear or disgust

synonym : dreadful, terrible, awful

(1) **horrible** accident, (2) **horrible** smell

The experience was **horrible** and left a lasting impression.

mimicry

n. the act or skill of copying the sounds or behavior of a particular person or animal, often to make people laugh

synonym : imitation, apery

(1) vocal **mimicry**, (2) floral **mimicry**

Some insects use **mimicry** to avoid detection by predators.

revisit

v. to go to a place again, especially after a long period

synonym : reexplore, review, reexamine

(1) **revisit** a place, (2) **revisit** an old friend

We need to **revisit** this proposal as soon as the budget is more apparent than before.

- folk** *n.* people in general, especially those of a particular group or type
synonym: community, family, person
(1) **folk** art, (2) the **folk** songs of a particular district
Some seaweed was used as **folk** medicine in ancient times.
- avionic** *adj.* relating to aviation electronics or technology; referring to aircraft or aerospace navigation, communication, control, or instrumentation systems
synonym: aviation-related, aircraft
(1) **avionic** technology, (2) **avionic** design
The **avionic** systems on the new airplane model are state-of-the-art.
- recognize** *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
synonym: acknowledge, identify, admit
(1) **recognize** talent, (2) **recognize** achievement
It's important to **recognize** your strengths and weaknesses.
- stealth** *n.* the quality of remaining hidden or undetected; the ability to move or act with great secrecy and subtlety
synonym: sneakiness, secrecy, furtiveness
(1) **stealth** technology, (2) **stealth** bomber
The thief moved with **stealth**, careful not to make any noise and alert anyone to his presence.
- cute** *adj.* attractive, especially in a childlike or youthful way
synonym: attractive, charming, adorable
(1) act **cute**, (2) super **cute** dress
The baby's chubby cheeks and big eyes made her look so **cute**.
- headquarter** *n.* the central office or location from which a business or organization is managed
synonym: base, center, command

(1) administrative **headquarter**, (2) an emergency **headquarter**

The company decided to move its **headquarters** to New York City.

awe *n.* a feeling of respect and wonder inspired by someone or something greatly admired

synonym: wonder, amazement, reverence

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

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

craze *n.* an enthusiasm for a particular activity, object, or idea that appears suddenly and achieves widespread but short-lived popularity; a fad

synonym: mania, fad, agitation

(1) **craze** for speculation, (2) fitness **craze**

We experienced a **craze** for electric vehicles as interest in green tech grew.

geek *n.* a person who is highly interested and knowledgeable about a particular subject or field, often to the point of being obsessed

synonym: nerd, dork, enthusiast

(1) airplane **geek**, (2) **geek** enthusiast

He was a computer **geek** and spent all his free time coding.

singular *n.* being only one of its kind; unique

synonym: unique, sole, individual

(1) **singular** purpose, (2) **singular** goal

The **singular** beauty of the night sky never ceases to amaze him.

prevention *n.* the action, process, or strategy of stopping something undesirable or harmful from happening; the act of preventing, interfering, or hindering unwanted events or outcomes

synonym: precaution, hindrance, obstruction

(1) **prevention** of crime, (2) **prevention** strategy

The company will need to invest in fire **prevention** equipment to ensure the safety of its employees.

strategy

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

synonym: approach, procedure, scenario

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

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

inconceivable

adj. hard to imagine or believe

synonym: unimaginable, impossible, unthinkable

(1) **inconceivable** pain, (2) **inconceivable** ideas

It would be **inconceivable** for him to alter his behavior.

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.

mindful

adj. being conscious or aware of something; paying close attention to what is happening; being focused and attentive in the present moment

synonym: aware, attentive, conscious

(1) **mindful** of my responsibilities, (2) **mindful** eating

Practicing **mindful** meditation can help reduce stress and improve overall well-being.

pretension

n. the act of claiming or asserting something, especially without good reason or without evidence; an unfounded or excessive claim or ambition

synonym: presumption, pretense, affectation

(1) **pretension** to authority, (2) baseless **pretension**

His **pretensions** of being a gourmet were quickly exposed when he could not identify basic herbs and spices.

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.

persuade

v. to convince or induce someone to do something by presenting a reason or argument; to sway or influence someone's decision or opinion

synonym : convince, influence, sway

(1) attempt to **persuade**, (2) **persuade** enough people

She tried to **persuade** her brother to join her on the trip, but he was too busy with work.

feat

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

synonym : achievement, accomplishment, exploit

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

It is an incredible **feat** to climb Mount Everest, the highest mountain in the world.

invention

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

synonym : creation, design, innovation

(1) the **invention** of new techniques, (2) common **invention**

Necessity is the mother of **invention**.

unintended

adj. not planned or meant

synonym : accidental, unconsenting, involuntary

(1) **unintended** bias, (2) **unintended** misunderstanding

Excessive human interference in the global environment may bring **unintended** consequences.

consequence

n. the outcome of a particular action or event, especially relative to an individual

synonym : result, impact, outcome

(1) unintended **consequences**, (2) the **consequence** of an argument

These economic activities had disastrous environmental **consequences**.

brilliance

n. the quality of being very clever or talented; the quality of being very bright or shining

synonym: splendor, glory, luster

(1) **brilliance** of diamond, (2) economic **brilliance**

The scientist's **brilliance** led to many groundbreaking discoveries in his field.

exhilarating

adj. making one feel very happy and lively; invigorating; providing a feeling of excitement or thrill

synonym: thrilling, exciting, stimulating

(1) an **exhilarating** drink, (2) **exhilarating** view

Bungee jumping was an **exhilarating** experience that left me shaking with adrenaline.

exhilarate

v. to make someone feel very happy, animated, or excited; to fill with energy or a sense of euphoria

synonym: excite, stimulate, invigorate

(1) **exhilarate** the crowd, (2) **exhilarate** the audience

The sense of accomplishment from completing a challenging hike can **exhilarate** those who love the great outdoors

tremendous

adj. very great in degree or extent or amount or impact; extremely good

synonym: enormous, giant, immense

(1) **tremendous** amount, (2) **tremendous** popularity

We had a **tremendous** time yesterday.

jaw

n. either of the two bones at the bottom of the face that moves when you open your mouth; (verb) talk socially without exchanging too much information

synonym: mouth, (verb) chitchat

(1) snatch victory from the **jaws** of defeat, (2) **jaw** muscle
He dropped his **jaw** at the unexpected sight.

Session 2: Spelling

- | | |
|---|---|
| 1. co_____e chemically with another substance | <i>v.</i> to join or merge to form a single thing or group |
| 2. co_____in his freedom | <i>v.</i> to restrict or limit someone or something's freedom or ability to do something |
| 3. na_____le device | <i>adj.</i> on a scale that can be measured in nanometres (= one billionth of a meter); on a very small scale |
| 4. ex___e rebellion | <i>v.</i> to make someone feel suddenly enthusiastic or eager |
| 5. ge__o habitat | <i>n.</i> a small to medium-sized lizard with soft, velvety skin, short legs, and adhesive pads on the feet that allow them to climb and walk along vertical surfaces |
| 6. dec_____on of independence | <i>n.</i> a formal or explicit statement or announcement |
| 7. a combative im_____e | <i>n.</i> a sudden strong and unreflective wish or need to do something; the electrical discharge that travels along a nerve fiber |
| 8. development of va_____es | <i>n.</i> a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.) |
| 9. aircraft wr___t | <i>n.</i> a person who makes or repairs something, especially a craftsman or artisan who works with wood or metal |

ANSWERS: 1. combine, 2. constrain, 3. nanoscale, 4. excite, 5. gecko, 6. declaration, 7. impulse, 8. vaccine, 9. wright

10. a young l__d *n.* a person who has general authority, control, or power over others; a man of noble rank or high office
11. an oral va_____e *n.* a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)
12. co_____al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use
13. electron mic_____py *n.* the scientific study of small structures or substances using microscopes, including the anatomical, physiological, and pathological aspects of cells, tissues, and organs
14. ra__o of boys to girls *n.* the relative size or amount of one thing to another, typically expressed in the form of a fraction or decimal
15. ho__r between life and death *v.* to stay in one place in the air
16. ma_____l powers *adj.* produced by or containing supernatural powers
17. the speaker's dr__e *n.* a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control
18. de_____cy advocate *n.* a form of government in which the people have the authority to deliberate and decide legislation, or to choose governing officials to do so

ANSWERS: 10. lord, 11. vaccine, 12. communal, 13. microscopy, 14. ratio, 15. hover, 16. magical, 17. drone, 18. democracy

19. dis_____ue scene *n.* a nightclub or restaurant where recorded music is played, and people dance
20. a w__p of mist *n.* a thin, delicate strand or vestige of something, such as smoke, vapor, or a piece of hair; a faint, barely perceptible indication or hint of something; a small creature or fairy, often depicted as a hovering, translucent figure
21. ba_____rd angle *adv.* at, to, or toward the direction or place that is behind or rear
22. sup_____ic aircraft *adj.* relating to or having a speed above the speed of sound (roughly 767 miles per hour or 1,235 kilometers per hour at sea level)
23. enc_____ng approval *adj.* giving hope, confidence, or support; inspiring
24. sub_____te coffee *n.* a person or thing acting or serving instead of another one; (verb) to act as a something or someone instead of another one
25. eve_____ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
26. stand a__p *adv.* on, to, or at the top
27. terrestrial gl__e *n.* the earth or world, mainly used to emphasize its vastness
28. platinum el_____des *n.* either of two points or ends of a conductor at which electricity enters or leaves an object, substance, or region

ANSWERS: 19. discotheque, 20. wisp, 21. backward, 22. supersonic, 23. encouraging, 24. substitute, 25. eventually, 26. atop, 27. globe, 28. electrode

29. mi__c numerous instruments *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
30. pa____d capacity *n.* the amount of cargo or goods that a vehicle or equipment is designed to carry or transport; in computing, the amount of data that can be transmitted over a communication system
31. daily d__e *n.* a quantity or amount of medicine or a drug that is taken or administered at one time, typically measured out in specific units; a similar measure of exposure to a harmful substance or radiation
32. mo____ar biology *adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
33. pl___a membrane *n.* (biology) the yellow-colored liquid component of blood, in which blood cells are suspended; (physics) one of the four fundamental states of matter consisting of positive ions and free electrons
34. f__t accomplishment *n.* a notable or impressive achievement, especially one that requires great skill or bravery
35. high-temperature pl___a *n.* (biology) the yellow-colored liquid component of blood, in which blood cells are suspended; (physics) one of the four fundamental states of matter consisting of positive ions and free electrons

ANSWERS: 29. mimic, 30. payload, 31. dose, 32. molecular, 33. plasma, 34. feat, 35. plasma

36. re_____ze talent *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
37. the atmospheric tem_____re *n.* the degree of hotness or coldness of a thing or place
38. na___n-state *n.* a large organized community of people living in a particular country or region and having a particular culture
39. di_____er of an oval *n.* the length of a straight line passing through the center of a circle and connecting two points on the circumference
40. the Pa_____c Ocean *adj.* peaceful in character or intent; tending to lessen or avoid conflict; calm or soothing in manner or tone; (noun, as "Pacific") the largest and deepest of Earth's oceanic divisions
41. co_____t ship *n.* the area in an aircraft or spacecraft from which the pilot controls the aircraft or spacecraft
42. Ke___n measurement *n.* a unit of measurement for temperature in the International System of Units (SI), which starts at absolute zero, the theoretical lowest limit of temperature, and named after the British physicist William Thomson, also known as Lord Kelvin
43. su_____ro comics *n.* a fictional hero who possesses extraordinary powers and abilities and is dedicated to protecting the public

ANSWERS: 36. recognize, 37. temperature, 38. nation, 39. diameter, 40. pacific, 41. cockpit, 42. Kelvin, 43. superhero

44. ce_____te Christmas *v.* to acknowledge a memorable or good day or event with a social gathering or enjoyable activity
45. 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
46. 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
47. principles of de_____cy *n.* a form of government in which the people have the authority to deliberate and decide legislation, or to choose governing officials to do so
48. dis_____ue party *n.* a nightclub or restaurant where recorded music is played, and people dance
49. art_____al environment *adj.* not natural and made by human beings; not real but produced to resemble something
50. res_____le for a customer service *adj.* answerable or accountable for something within one's power, control, or management
51. cra_____hy design *adj.* designed to withstand an impact or collision and minimize injury or damage to people or property; able to protect occupants during a crash or collision
52. precious me__l *n.* a solid material that is typically hard, shiny, malleable, fusible, and ductile, with good electrical and thermal conductivity, and often used as a structural material, a conductor of heat or electricity, or for decorative purposes

ANSWERS: 44. celebrate, 45. determinant, 46. degree, 47. democracy, 48. discotheque, 49. artificial, 50. responsible, 51. crashworthy, 52. metal

53. f__l a terror plot *n.* a thin and flexible sheet of metal, such as aluminum, used for wrapping or covering items; a literary device in which a character's actions or words are used to contrast or highlight the actions or words of another character; (verb) to prevent someone from succeeding in their plans or actions
54. pu__y off-shore winds *adj.* swollen or distended, especially with air or gas;
55. bankrupt cr____or *n.* a person, company, etc. to whom a debtor owes money
56. extreme tem____res *n.* the degree of hotness or coldness of a thing or place
57. man____re an enzyme *v.* to make goods in large numbers, usually in a factory using machines
58. super c__e dress *adj.* attractive, especially in a childlike or youthful way
59. unilateral dec____on *n.* a formal or explicit statement or announcement
60. the most am____g feeling *adj.* extremely surprising, especially in a way that you like or admire
61. am____g advances *adj.* extremely surprising, especially in a way that you like or admire
62. snatch victory from the j_ws of defeat *n.* either of the two bones at the bottom of the face that moves when you open your mouth; (verb) talk socially without exchanging too much information
63. unintended con____ces *n.* the outcome of a particular action or event, especially relative to an individual

ANSWERS: 53. foil, 54. puffy, 55. creditor, 56. temperature, 57. manufacture, 58. cute, 59. declaration, 60. amazing, 61. amazing, 62. jaw, 63. consequence

64. the def_____on of a word *n.* a concise explanation of the meaning of a word, phrase, or symbol
65. the DNA se_____ce *n.* a series of related events, actions, numbers, etc., which have a particular order
66. hum_____rd feeder *n.* a small bird with a highly specialized beak and wings that allow it to hover in place, known for its rapid wingbeats and ability to fly in any direction
67. ro___e crops *v.* to turn around a central point or axis; to move in a circular path around something
68. at__s map *n.* a book of maps or charts; a figure in Greek mythology who bore the weight of the world on his shoulders
69. a m__e of evidence *n.* a tiny arachnid-like creature that is related to ticks and spiders and often lives as a parasite on plants or animals
70. the f__k songs of a particular district *n.* people in general, especially those of a particular group or type
71. local h__o *n.* a person who is admired or idealized for courage, outstanding achievements, or noble qualities; a character in literature or history who is central to the plot and who exhibits heroic qualities
72. dr__e flight *n.* a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control

ANSWERS: 64. definition, 65. sequence, 66. hummingbird, 67. rotate, 68. atlas, 69. mite, 70. folk, 71. hero, 72. drone

73. first-aid tr_____nt
n. the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.
74. military st_____gy
n. a detailed plan of action designed to achieve a long-term or overall goal.
75. su_____e beforehand
v. to think that something is likely to be actual or possible
76. fe_____ss attitude
adj. having no fear; brave
77. a per_____ve view
n. a confident attitude toward something; a particular style of thinking about something
78. exh_____te the crowd
v. to make someone feel very happy, animated, or excited; to fill with energy or a sense of euphoria
79. c__e cod
n. a type of long, loose outer garment that covers the back, shoulders, and arms; a headland or promontory extending into the sea or other large body of water
80. ele_____tic properties
adj. of or relating to the magnetism produced by electric charge in motion
81. an icy bl__t
n. explosion, or a strong current of air, usually caused by an explosion; a sudden, thunderous noise
82. av_____c technology
adj. relating to aviation electronics or technology; referring to aircraft or aerospace navigation, communication, control, or instrumentation systems
83. un_____ed crime
adj. not yet understood, explained, or resolved; remaining a mystery or enigma

ANSWERS: 73. treatment, 74. strategy, 75. suppose, 76. fearless, 77. perspective, 78. exhilarate, 79. cape, 80. electromagnetic, 81. blast, 82. avionic, 83. unsolved

84. pa____e vocabulary *adj.* characterized by a lack of activity or initiative; not actively participating or engaging in something; marked by a tendency to accept things without resistance or opposition
85. far____ed idea *adj.* (of an idea or story) so exaggerated or ludicrous as to be very difficult to believe
86. a precise def____on *n.* a concise explanation of the meaning of a word, phrase, or symbol
87. musical ins____nts *n.* an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work
88. floral mi____y *n.* the act or skill of copying the sounds or behavior of a particular person or animal, often to make people laugh
89. te____n map *n.* the physical features of a piece of land, including hills, valleys, rivers, and forests
90. at__s of anatomy *n.* a book of maps or charts; a figure in Greek mythology who bore the weight of the world on his shoulders
91. st____c website *adj.* not moving or not capable of moving, not changing or not capable of changing
92. 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

ANSWERS: 84. passive, 85. far-fetched, 86. definition, 87. instrument, 88. mimicry, 89. terrain, 90. atlas, 91. static, 92. lift

93. bu____g passion *adj.* intense or scorching heat
94. ele_____tic radiation *adj.* of or relating to the magnetism produced by electric charge in motion
95. a dry ba____y *n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
96. feline ret_____us *n.* a type of RNA virus that uses the enzyme reverse transcriptase to convert its RNA into DNA, which then inserts itself into the host cell's genome, which can cause a variety of diseases in humans and animals, including HIV (Human Immunodeficiency Virus)
97. pa_____e response *adj.* characterized by a lack of activity or initiative; not actively participating or engaging in something; marked by a tendency to accept things without resistance or opposition
98. have no up___e *n.* the positive aspect or potential of something; the upper side of something
99. re_____ct a telephone *v.* to connect again after a break or interruption
100. an exh_____ing drink *adj.* making one feel very happy and lively; invigorating; providing a feeling of excitement or thrill
101. die su____ly *adv.* quickly and unexpectedly
102. occ_____al visitor *adj.* happening or appearing at irregular intervals; not constant or regular

ANSWERS: 93. burning, 94. electromagnetic, 95. battery, 96. retrovirus, 97. passive, 98. upside, 99. reconnect, 100. exhilarating, 101. suddenly, 102. occasional

103. tu___l construction work *n.* an underground or underwater passage, typically for trains or cars
104. man_____re a product *v.* to make goods in large numbers, usually in a factory using machines
105. t_y box *n.* a thing, typically a small model or replica of something that is played with, especially by children
106. ac_____e milestones *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
107. exercise re___e *n.* the organization, a system, or method that is the governing authority of a political unit
108. basic br___n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
109. co_____l a close relationship *v.* to prevent something from being seen, found, observed, or discovered
110. debt-to-income ra__o *n.* the relative size or amount of one thing to another, typically expressed in the form of a fraction or decimal
111. cl___y at sports *adj.* lacking in grace or skill; awkward; cumbersome
112. fiscal st_____ty pact *n.* the quality or attribute of being firm and steadfast
113. satellite pa_____d *n.* the amount of cargo or goods that a vehicle or equipment is designed to carry or transport; in computing, the amount of data that can be transmitted over a communication system

ANSWERS: 103. tunnel, 104. manufacture, 105. toy, 106. achieve, 107. regime, 108. brain, 109. conceal, 110. ratio, 111. clumsy, 112. stability, 113. payload

114. d__l sight *adj.* not interesting or exciting; not bright, vivid, or shiny; not active, brisk, or sharp
115. d__e adjustment *n.* a quantity or amount of medicine or a drug that is taken or administered at one time, typically measured out in specific units; a similar measure of exposure to a harmful substance or radiation
116. a civil en____er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
117. pr____le cause of a fire *adj.* likely to happen or likely to be true
118. the st____re of a machine *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
119. rh____s experiment *n.* a type of macaque monkey (any of the various short-tailed monkeys found in Asia and Africa) often used in scientific research
120. 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
121. d__y gravity *v.* to challenge or dare someone to do something; to resist or disobey a rule, decision, etc.
122. mo____g experience *adj.* causing strong emotions or feelings, especially sadness or sympathy
123. de____e topic *n.* a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives

ANSWERS: 114. dull, 115. dose, 116. engineer, 117. probable, 118. structure, 119. rhesus, 120. atmosphere, 121. defy, 122. moving, 123. debate

124. eq__p our children with some special skills *v.* to provide a person or a place with the things that are needed for a particular purpose or activity
125. a mild to ____o *n.* a plant grown for its leaves, which are dried and processed for smoking or chewing or extraction of nicotine
126. awe-in_____ng sight *adj.* stimulating and motivating you to want to do something
127. mat_____cs competition *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
128. th__b a ride *n.* the short, thick digit of the hand next to the index finger; (verb) to travel by getting free rides from motorists
129. f__k art *n.* people in general, especially those of a particular group or type
130. accounting f__m *adj.* resolute or unwavering in decision-making or action; strong or secure in structure, make, or composition; reliable, trustworthy, or dependable; (noun) a business or company
131. fe_____ss bravery *adj.* having no fear; brave
132. career tra_____ry *n.* the curved path followed by an object moving through space
133. ai_____ft control system *n.* any vehicle that can fly and carry things or passengers, such as a plane or helicopter
134. a d__l pain *adj.* not interesting or exciting; not bright, vivid, or shiny; not active, brisk, or sharp

ANSWERS: 124. equip, 125. tobacco, 126. inspiring, 127. mathematics, 128. thumb, 129. folk, 130. firm, 131. fearless, 132. trajectory, 133. aircraft, 134. dull

135. a private ind_____al *n.* a single person or thing, as distinct from a group
136. on a qu__t for happiness *n.* a long or challenging search for something
137. exp_____nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
138. hum_____rd nest *n.* a small bird with a highly specialized beak and wings that allow it to hover in place, known for its rapid wingbeats and ability to fly in any direction
139. pre_____ng wind *adj.* most frequent, widespread, or currently dominant, usually referring to a particular opinion, attitude, or trend
140. cr__p along the leaf *v.* to move slowly, quietly, and carefully, usually to avoid being seen or heard
141. mi_____l eating *adj.* being conscious or aware of something; paying close attention to what is happening; being focused and attentive in the present moment
142. pa___t data network *n.* a small container or envelope that holds one or more items typically used for storing or transporting items like food, medicine, or marketing materials
143. dis_____ent with the service *n.* the feeling of sadness, frustration, or dissatisfaction that arises when something does not live up to one's expectations or hopes
144. de_____e independence *v.* to say, state, or announce something clearly, officially, or publicly

ANSWERS: 135. individual, 136. quest, 137. experiment, 138. hummingbird, 139. prevailing, 140. creep, 141. mindful, 142. packet, 143. disappointment, 144. declare

145. a mi____ry operation *adj.* relating to or characteristic of members of the armed forces; of or relating to war or warfare
146. pr____le outcome *adj.* likely to happen or likely to be true
147. si____ar goal *n.* being only one of its kind; unique
148. a_t view *adj.* (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle
149. lose my g__p *n.* the act of holding onto something firmly with your hands, or the ability to do so; (verb) to hold fast or firmly
150. a su____e poison *adj.* not readily apparent or visible
151. a car-wr____t *n.* a person who makes or repairs something, especially a craftsman or artisan who works with wood or metal
152. become ess____ly same *adv.* relating to the essential features or concepts of anything
153. uni____ed misunderstanding *adj.* not planned or meant
154. si____ar purpose *n.* being only one of its kind; unique
155. co____l my identity *v.* to prevent something from being seen, found, observed, or discovered
156. mi____l of my responsibilities *adj.* being conscious or aware of something; paying close attention to what is happening; being focused and attentive in the present moment
157. ro__h and tough *adj.* not quite exact or correct; having or caused by an irregular surface

ANSWERS: 145. military, 146. probable, 147. singular, 148. aft, 149. grip, 150. subtle, 151. wright, 152. essentially, 153. unintended, 154. singular, 155. conceal, 156. mindful, 157. rough

158. pancreatic pr____se *n.* an enzyme that breaks down proteins by hydrolyzing the peptide bonds between amino acids, playing a crucial role in digestion and many other physiological processes
159. outdoor adv____ers *n.* a person who enjoys or seeks dangerous and exciting experiences
160. di____y artwork *v.* to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value
161. bu____g desire *adj.* intense or scorching heat
162. things at the na____le *adj.* on a scale that can be measured in nanometres (= one billionth of a meter); on a very small scale
163. ad____e a cooperative relationship *v.* to go or move forward; to develop in a positive way
164. nontechnical as____ts of the job *n.* one part or feature of a situation, problem, subject, etc.
165. vocal mi____y *n.* the act or skill of copying the sounds or behavior of a particular person or animal, often to make people laugh
166. co____e augmented reality *v.* to join or merge to form a single thing or group
167. ho____le smell *adj.* extremely unpleasant or bad; causing fear or disgust
168. a mo____n image *adj.* in a liquid state as a result of being heated
169. gas-fired fu____e *n.* an enclosed chamber for heating metal or glass to very high temperatures

ANSWERS: 158. protease, 159. adventurer, 160. display, 161. burning, 162. nanoscale, 163. advance, 164. aspect, 165. mimicry, 166. combine, 167. horrible, 168. molten, 169. furnace

170. house ge__o *n.* a small to medium-sized lizard with soft, velvety skin, short legs, and adhesive pads on the feet that allow them to climb and walk along vertical surfaces
171. an app_____te time *adj.* suitable or proper in the circumstances; fitting
172. 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
173. 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
174. pe_____de enough people *v.* to convince or induce someone to do something by presenting a reason or argument; to sway or influence someone's decision or opinion
175. develop a st_____gy *n.* a detailed plan of action designed to achieve a long-term or overall goal.
176. the qu__t for truth *n.* a long or challenging search for something
177. wh_____ng price *adj.* extremely large, impressive, or noteworthy; it can also be used to describe a surprise or shock
178. g__k enthusiast *n.* a person who is highly interested and knowledgeable about a particular subject or field, often to the point of being obsessed

ANSWERS: 170. gecko, 171. appropriate, 172. rocket, 173. degree, 174. persuade, 175. strategy, 176. quest, 177. whopping, 178. geek

179. permafrost te____n *n.* the physical features of a piece of land, including hills, valleys, rivers, and forests
180. n__l clipper *n.* a thin, pointed piece of metal with a flat head used for fastening things together; the thin hard layer covering and protecting the outer tip of the fingers or toes
181. streaks of li_____ng *n.* a flash, or several flashes, of light that accompanies an electric discharge in the atmosphere, or something resembling such a flash
182. an ai_____ft landing *n.* any vehicle that can fly and carry things or passengers, such as a plane or helicopter
183. 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
184. ro__h estimation *adj.* not quite exact or correct; having or caused by an irregular surface
185. co_____al combination of funds *adj.* belonging to or used by a group rather than individuals; for common use
186. de_____p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

ANSWERS: 179. terrain, 180. nail, 181. lightning, 182. aircraft, 183. develop, 184. rough, 185. communal, 186. develop

187. a_t cabin *adj.* (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle
188. li_____ng air strike *n.* a flash, or several flashes, of light that accompanies an electric discharge in the atmosphere, or something resembling such a flash
189. aer_____ics research *n.* the study of the motion of air, particularly its interaction with solid objects moving through it, such as aircraft or cars
190. as_____ut in training *n.* a person trained by a space agency to travel outside the Earth's atmosphere
191. st__k a key in a lock *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
192. bridge tr__s *v.* to support, brace, or strengthen a structure or object with a framework, typically made of wood or metal; to bind or tie something together, usually tightly; (noun) a framework or structure composed of beams, bars, or other elements that are designed to support or strengthen a roof, bridge, or other construction
193. de___e competition *n.* a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives

ANSWERS: 187. aft, 188. lightning, 189. aerodynamics, 190. astronaut, 191. stick, 192. truss, 193. debate

194. economic bri_____ce *n.* the quality of being very clever or talented; the quality of being very bright or shining
195. re_____t a place *v.* to go to a place again, especially after a long period
196. sit a__p a stack of books *adv.* on, to, or at the top
197. tre_____us amount *adj.* very great in degree or extent or amount or impact; extremely good
198. con_____te a large sum of money to the fund *v.* to give something, especially money or goods, to provide or achieve something together with other people
199. ho__r around the table *v.* to stay in one place in the air
200. common in_____on *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
201. a tra_____ry missile *n.* the curved path followed by an object moving through space
202. a penciled sk____h *n.* a simple, quickly-made picture that does not have many details; a short descriptive summary of something
203. un_____al death *adj.* not in accordance with the normal or natural order or not normal, typical, or expected
204. access to public tr_____rt *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
205. f__e of nations *n.* the development of events beyond one's control; destiny; the ultimate outcome or consequence of a situation or person's actions

ANSWERS: 194. brilliance, 195. revisit, 196. atop, 197. tremendous, 198. contribute, 199. hover, 200. invention, 201. trajectory, 202. sketch, 203. unnatural, 204. transport, 205. fate

206. inc_____ble pain *adj.* hard to imagine or believe
207. pa____c-natured disposition *adj.* peaceful in character or intent; tending to lessen or avoid conflict; calm or soothing in manner or tone; (noun, as "Pacific") the largest and deepest of Earth's oceanic divisions
208. ad____ve ability *n.* a sticky substance used to hold things together
209. no do__t about the news *n.* a feeling of being uncertain about something, especially about how good or accurate it is
210. a computer n__d *n.* a person who is very interested in and knowledgeable about a particular subject such as computers, mathematics, chess, etc.
211. ad____e the technology *v.* to go or move forward; to develop in a positive way
212. sp____r venom *n.* a small, eight-legged creature that spins webs to catch insects as food; a computer program that systematically browses the World Wide Web for purposes of web indexing
213. the in_____on of new techniques *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
214. a w__p of conversation *n.* a thin, delicate strand or vestige of something, such as smoke, vapor, or a piece of hair; a faint, barely perceptible indication or hint of something; a small creature or fairy, often depicted as a hovering, translucent figure

ANSWERS: 206. inconceivable, 207. pacific, 208. adhesive, 209. doubt, 210. nerd, 211. advance, 212. spider, 213. invention, 214. wisp

215. pro_____ic limbs *adj.* of or relating to an artificial part of the body, such as a limb, a heart, or a breast implant
216. pre_____on to authority *n.* the act of claiming or asserting something, especially without good reason or without evidence; an unfounded or excessive claim or ambition
217. three-fourths of a po__d *n.* the standard unit of money in the UK; the standard unit of weight equal to 16 ounces
218. defeating the Mi_____ur *n.* in Greek mythology, a creature with the head of a bull and the body of a man is depicted as inhabiting a labyrinth on the island of Crete
219. made a great ma_____er *n.* a motion or combination of moves that requires skill and care; a clever strategy, activity, or movement intended to give someone an advantage
220. ca_____e worker *adj.* having the ability, skill, or potential to do something; competent or proficient in a particular task or area of expertise
221. lo____n credentials *v.* to enter one's username and password or other credentials to gain access to a computer system, website, or other digital services; (noun) the process of gaining access to a computer system, network, or website by entering a username and password
222. environmental det_____nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

ANSWERS: 215. prosthetic, 216. pretension, 217. pound, 218. Minotaur, 219. maneuver, 220. capable, 221. log-in, 222. determinant

223. an emergency hea_____er *n.* the central office or location from which a business or organization is managed
224. degree in ele_____al engineering *adj.* relating to electricity
225. magnetic st___l *n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
226. as_____ut mission *n.* a person trained by a space agency to travel outside the Earth's atmosphere
227. paper-gl___r *n.* a light aircraft or small, unpowered plane that is designed to glide and soar through the air using natural winds and or thermal currents
228. cl___y attempt *adj.* lacking in grace or skill; awkward; cumbersome
229. navigator's co_____t *n.* the area in an aircraft or spacecraft from which the pilot controls the aircraft or spacecraft
230. f___e abroad *v.* to leave by running away, especially out of fear or danger
231. ind_____al freedom *n.* a single person or thing, as distinct from a group
232. re_____t an old friend *v.* to go to a place again, especially after a long period
233. dis_____ent in the result *n.* the feeling of sadness, frustration, or dissatisfaction that arises when something does not live up to one's expectations or hopes

ANSWERS: 223. headquarter, 224. electrical, 225. steel, 226. astronaut, 227. glider, 228. clumsy, 229. cockpit, 230. flee, 231. individual, 232. revisit, 233. disappointment

234. mo___n lava *adj.* in a liquid state as a result of being heated
235. a bl__t of wind *n.* explosion, or a strong current of air, usually caused by an explosion; a sudden, thunderous noise
236. hu____g bird *adj.* producing a continuous, low, vibrating sound like that of the bee
237. ov____ow with emotion *v.* to flow or run over the edge or brim of a container or surface; to be more than enough
238. da_____on root *n.* a common weed with a bright yellow flower and deeply notched leaves that is often seen growing in lawns and other grassy areas; its leaves can be eaten as a salad green, and its roots are sometimes used in herbal medicine
239. n__d neck *n.* a person who is very interested in and knowledgeable about a particular subject such as computers, mathematics, chess, etc.
240. inc_____ble ideas *adj.* hard to imagine or believe
241. ba____y charging *n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
242. g__p of fear *n.* the act of holding onto something firmly with your hands, or the ability to do so; (verb) to hold fast or firmly
243. a g__d design *n.* a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region

ANSWERS: 234. molten, 235. blast, 236. humming, 237. overflow, 238. dandelion, 239. nerd, 240. inconceivable, 241. battery, 242. grip, 243. grid

244. a test pi__t *n.* a person who flies an aircraft, especially as a job; a person qualified to guide ships through a difficult area of water
245. large po____n *n.* one component of a larger entity
246. the per____ve of the battle *n.* a confident attitude toward something; a particular style of thinking about something
247. b__t diameter *n.* a metal bar that slides across to lock a door or window closed; a discharge of lightning accompanied by thunder; (verb) to move or jump suddenly
248. 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
249. walk ba____rd *adv.* at, to, or toward the direction or place that is behind or rear
250. pre____on of crime *n.* the action, process, or strategy of stopping something undesirable or harmful from happening; the act of preventing, interfering, or hindering unwanted events or outcomes
251. bri____ce of diamond *n.* the quality of being very clever or talented; the quality of being very bright or shining
252. el____de corrosion *n.* either of two points or ends of a conductor at which electricity enters or leaves an object, substance, or region
253. aluminum f__l *n.* a thin and flexible sheet of metal, such as aluminum, used for wrapping or covering items; a literary device in which a character's actions or words are used to contrast or highlight the actions or words of another character; (verb) to prevent someone from succeeding in their plans or actions

ANSWERS: 244. pilot, 245. portion, 246. perspective, 247. bolt, 248. atmosphere, 249. backward, 250. prevention, 251. brilliance, 252. electrode, 253. foil

254. far_____ed expressions *adj.* (of an idea or story) so exaggerated or ludicrous as to be very difficult to believe
255. hu___e opinion *adj.* having or showing a modest or low estimate of one's quality or importance
256. mo___g ceremony *adj.* causing strong emotions or feelings, especially sadness or sympathy
257. t_y store *n.* a thing, typically a small model or replica of something that is played with, especially by children
258. re_____ct with family *v.* to connect again after a break or interruption
259. in_____ng stories *adj.* stimulating and motivating you to want to do something
260. labor pop_____on *n.* the total number of people in a country, region, or location
261. st_____h bomber *n.* the quality of remaining hidden or undetected; the ability to move or act with great secrecy and subtlety
262. first design sk___hes *n.* a simple, quickly-made picture that does not have many details; a short descriptive summary of something
263. j_w muscle *n.* either of the two bones at the bottom of the face that moves when you open your mouth; (verb) talk socially without exchanging too much information
264. cra_____hy aircraft *adj.* designed to withstand an impact or collision and minimize injury or damage to people or property; able to protect occupants during a crash or collision

ANSWERS: 254. far-fetched, 255. humble, 256. moving, 257. toy, 258. reconnect, 259. inspiring, 260. population, 261. stealth, 262. sketch, 263. jaw, 264. crashworthy

265. daredevil adv _____er *n.* a person who enjoys or seeks dangerous and exciting experiences
266. Rh____s macaque *n.* a type of macaque monkey (any of the various short-tailed monkeys found in Asia and Africa) often used in scientific research
267. we__h heavily on stock prices *v.* to have a particular weight; to carefully evaluate things before making a conclusion
268. photo with a ma__e finish *adj.* having a surface without a shine, luster; non-glossy
269. administrative hea_____er *n.* the central office or location from which a business or organization is managed
270. market up____e *n.* the positive aspect or potential of something; the upper side of something
271. lo____n to a network *v.* to enter one's username and password or other credentials to gain access to a computer system, website, or other digital services; (noun) the process of gaining access to a computer system, network, or website by entering a username and password
272. am____y a signal *v.* to enhance something, particularly sound or brightness
273. around the gl__e *n.* the earth or world, mainly used to emphasize its vastness
274. wh_____ng success *adj.* extremely large, impressive, or noteworthy; it can also be used to describe a surprise or shock

ANSWERS: 265. adventurer, 266. rhesus, 267. weigh, 268. matte, 269. headquarter, 270. upside, 271. log-in, 272. amplify, 273. globe, 274. whopping

275. radio tra_____er *n.* a piece of equipment used for generating and sending electronic signals, especially radio or television signals
276. political ma_____ers *n.* a motion or combination of moves that requires skill and care; a clever strategy, activity, or movement intended to give someone an advantage
277. ess_____ly correct *adv.* relating to the essential features or concepts of anything
278. tr_____rt facilities *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
279. l__d of castle *n.* a person who has general authority, control, or power over others; a man of noble rank or high office
280. enc_____ng sign *adj.* giving hope, confidence, or support; inspiring
281. electrical fu_____e *n.* an enclosed chamber for heating metal or glass to very high temperatures
282. as___ts of social, political, and economic life *n.* one part or feature of a situation, problem, subject, etc.
283. su___e changes *adj.* not readily apparent or visible
284. ch__k the ball across the yard *v.* to throw something carelessly or casually; to get rid of something or someone
285. airplane g__k *n.* a person who is highly interested and knowledgeable about a particular subject or field, often to the point of being obsessed

ANSWERS: 275. transmitter, 276. maneuver, 277. essentially, 278. transport, 279. lord, 280. encouraging, 281. furnace, 282. aspect, 283. subtle, 284. chuck, 285. geek

286. with an unc_____ble face *adj.* providing or feeling physical discomfort or slight pain
287. res_____le action *adj.* answerable or accountable for something within one's power, control, or management
288. Ke____n scale *n.* a unit of measurement for temperature in the International System of Units (SI), which starts at absolute zero, the theoretical lowest limit of temperature, and named after the British physicist William Thomson, also known as Lord Kelvin
289. su_____s \$20 billion in sales *v.* to be or do better than someone or something; to excel or go beyond the limits or standards of something
290. the se_____ce of the seasons *n.* a series of related events, actions, numbers, etc., which have a particular order
291. ch_____h sprint *n.* a large, slender, and fast-running African cat with a yellowish-brown coat and black spots
292. red c__e *n.* a type of long, loose outer garment that covers the back, shoulders, and arms; a headland or promontory extending into the sea or other large body of water
293. ov_____ow on the platform *v.* to flow or run over the edge or brim of a container or surface; to be more than enough
294. sup_____ic wind tunnel *adj.* relating to or having a speed above the speed of sound (roughly 767 miles per hour or 1,235 kilometers per hour at sea level)

ANSWERS: 286. uncomfortable, 287. responsible, 288. Kelvin, 289. surpass, 290. sequence, 291. cheetah, 292. cape, 293. overflow, 294. supersonic

295. pu__e waves *n.* the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves
296. ret_____us infection *n.* a type of RNA virus that uses the enzyme reverse transcriptase to convert its RNA into DNA, which then inserts itself into the host cell's genome, which can cause a variety of diseases in humans and animals, including HIV (Human Immunodeficiency Virus)
297. aer_____ics design *n.* the study of the motion of air, particularly its interaction with solid objects moving through it, such as aircraft or cars
298. ne___r of the gods *n.* a sweet liquid produced by flowers that attracts and provides food for bees and other insects; any sweet liquid that is enjoyed as a drink or used as a flavoring
299. tr_____nt by diet *n.* the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.
300. the f__p of wings *n.* a piece of material attached to a garment, sail, or aircraft which flaps in the wind; (verb) to move in a wavy pattern or with an up-and-down motion
301. have pro_____ic arms *adj.* of or relating to an artificial part of the body, such as a limb, a heart, or a breast implant

ANSWERS: 295. pulse, 296. retrovirus, 297. aerodynamics, 298. nectar, 299. treatment, 300. flap, 301. prosthetic

302. st_____ty pact *n.* the quality or attribute of being firm and steadfast
303. sensory s__a *n.* (of biology) a stiff, bristle-like appendage or hair-like structure found in certain organisms, such as insects or mosses
304. bo__t the economy *v.* to improve, raise, or increase something
305. 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
306. st__l beam *n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
307. cr__e for speculation *n.* an enthusiasm for a particular activity, object, or idea that appears suddenly and achieves widespread but short-lived popularity; a fad
308. eq__p an army *v.* to provide a person or a place with the things that are needed for a particular purpose or activity
309. ch_____h habitat *n.* a large, slender, and fast-running African cat with a yellowish-brown coat and black spots
310. attempt to pe_____de *v.* to convince or induce someone to do something by presenting a reason or argument; to sway or influence someone's decision or opinion

ANSWERS: 302. stability, 303. seta, 304. boost, 305. lift, 306. steel, 307. craze, 308. equip, 309. cheetah, 310. persuade

311. exh_____te the audience *v.* to make someone feel very happy, animated, or excited; to fill with energy or a sense of euphoria
312. an unc_____ble silence *adj.* providing or feeling physical discomfort or slight pain
313. cr__p toward the mouse *v.* to move slowly, quietly, and carefully, usually to avoid being seen or heard
314. nec_____ly true *adv.* in an essential manner; in such a way as could not be otherwise
315. tr_____ic aircraft *adj.* pertaining to speeds approaching and crossing the sound barrier, typically referring to aircraft or objects traveling at or near the speed of sound
316. new di_____on *n.* a measurable extent of a particular kind, such as width, height, or length
317. clinical mic_____py *n.* the scientific study of small structures or substances using microscopes, including the anatomical, physiological, and pathological aspects of cells, tissues, and organs
318. ma_____l place *adj.* produced by or containing supernatural powers
319. ch__k my job *v.* to throw something carelessly or casually; to get rid of something or someone
320. ex___e the crowd *v.* to make someone feel suddenly enthusiastic or eager
321. sub_____te teacher *n.* a person or thing acting or serving instead of another one; (verb) to act as a something or someone instead of another one

ANSWERS: 311. exhilarate, 312. uncomfortable, 313. creep, 314. necessarily, 315. transonic, 316. dimension, 317. microscopy, 318. magical, 319. chuck, 320. excite, 321. substitute

322. a weak pu__e *n.* the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves
323. mi__c a human voice *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
324. digestive pr____se *n.* an enzyme that breaks down proteins by hydrolyzing the peptide bonds between amino acids, playing a crucial role in digestion and many other physiological processes
325. con_____te to society *v.* to give something, especially money or goods, to provide or achieve something together with other people
326. b__t from my bed *n.* a metal bar that slides across to lock a door or window closed; a discharge of lightning accompanied by thunder; (verb) to move or jump suddenly
327. su____s imagination *v.* to be or do better than someone or something; to excel or go beyond the limits or standards of something
328. co_____in information flow *v.* to restrict or limit someone or something's freedom or ability to do something
329. a tra_____er of a family line *n.* a piece of equipment used for generating and sending electronic signals, especially radio or television signals

ANSWERS: 322. pulse, 323. mimic, 324. protease, 325. contribute, 326. bolt, 327. surpass, 328. constrain, 329. transmitter

330. surgical ins_____nts *n.* an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work
331. art_____al flowers *adj.* not natural and made by human beings; not real but produced to resemble something
332. an aerial be___n *n.* a light or other visible object serving as a signal, guide, or warning
333. re___e a request *v.* to show that one is not willing to do or accept something
334. fire st__k *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
335. tre_____us popularity *adj.* very great in degree or extent or amount or impact; extremely good
336. profound religious im_____es *n.* a sudden strong and unreflective wish or need to do something; the electrical discharge that travels along a nerve fiber
337. f__p out a candle *n.* a piece of material attached to a garment, sail, or aircraft which flaps in the wind; (verb) to move in a wavy pattern or with an up-and-down motion
338. imp_____ity of performance *n.* the state or condition of being impossible; something that is not possible or cannot be done

ANSWERS: 330. instrument, 331. artificial, 332. beacon, 333. refuse, 334. stick, 335. tremendous, 336. impulse, 337. flap, 338. impossibility

339. unsung h__o *n.* a person who is admired or idealized for courage, outstanding achievements, or noble qualities; a character in literature or history who is central to the plot and who exhibits heroic qualities
340. the ul____te luxury *adj.* furthest or highest in degree or order
341. f__m grip *adj.* resolute or unwavering in decision-making or action; strong or secure in structure, make, or composition; reliable, trustworthy, or dependable; (noun) a business or company
342. we__h a cargo *v.* to have a particular weight; to carefully evaluate things before making a conclusion
343. fitness cr__e *n.* an enthusiasm for a particular activity, object, or idea that appears suddenly and achieves widespread but short-lived popularity; a fad
344. a bu___r between the quarreling parents *n.* a device, material, or person that reduces the impact or effect of an external force or provides protection against harm or damage
345. to____o industry *n.* a plant grown for its leaves, which are dried and processed for smoking or chewing or extraction of nicotine
346. a good grounding in mat_____cs *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement

ANSWERS: 339. hero, 340. ultimate, 341. firm, 342. weigh, 343. craze, 344. buffer, 345. tobacco, 346. mathematics

347. use a bu___r to reduce noise *n.* a device, material, or person that reduces the impact or effect of an external force or provides protection against harm or damage
348. a puppet re___e *n.* the organization, a system, or method that is the governing authority of a political unit
349. a wire g__d *n.* a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region
350. rusty n__l *n.* a thin, pointed piece of metal with a flat head used for fastening things together; the thin hard layer covering and protecting the outer tip of the fingers or toes
351. early pr____pe *n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed
352. un____al disaster *adj.* not in accordance with the normal or natural order or not normal, typical, or expected
353. av____c design *adj.* relating to aviation electronics or technology; referring to aircraft or aerospace navigation, communication, control, or instrumentation systems
354. st___e a blow *v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon
355. oozing g_o *n.* a sticky or slimy substance, often of indeterminate or unknown composition; a slang term used to describe something messy, chaotic, or confusing

ANSWERS: 347. buffer, 348. regime, 349. grid, 350. nail, 351. prototype, 352. unnatural, 353. avionic, 354. strike, 355. goo

356. ac____e success *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
357. tr____ic flight *adj.* pertaining to speeds approaching and crossing the sound barrier, typically referring to aircraft or objects traveling at or near the speed of sound
358. de____e my love *v.* to say, state, or announce something clearly, officially, or publicly
359. exh____ing view *adj.* making one feel very happy and lively; invigorating; providing a feeling of excitement or thrill
360. pre____ng trend *adj.* most frequent, widespread, or currently dominant, usually referring to a particular opinion, attitude, or trend
361. me__l fabrication *n.* a solid material that is typically hard, shiny, malleable, fusible, and ductile, with good electrical and thermal conductivity, and often used as a structural material, a conductor of heat or electricity, or for decorative purposes
362. tu__l disease *n.* an underground or underwater passage, typically for trains or cars
363. th__b wrestling *n.* the short, thick digit of the hand next to the index finger; (verb) to travel by getting free rides from motorists
364. su____e you're right *v.* to think that something is likely to be actual or possible

ANSWERS: 356. achieve, 357. transonic, 358. declare, 359. exhilarating, 360. prevailing, 361. metal, 362. tunnel, 363. thumb, 364. suppose

365. ca____e leader *adj.* having the ability, skill, or potential to do something; competent or proficient in a particular task or area of expertise
366. gl____r club *n.* a light aircraft or small, unpowered plane that is designed to glide and soar through the air using natural winds and or thermal currents
367. ce_____te his election *v.* to acknowledge a memorable or good day or event with a social gathering or enjoyable activity
368. su_____ro movies *n.* a fictional hero who possesses extraordinary powers and abilities and is dedicated to protecting the public
369. act c__e *adj.* attractive, especially in a childlike or youthful way
370. a particle di_____er *n.* the length of a straight line passing through the center of a circle and connecting two points on the circumference
371. tr__s a chicken *v.* to support, brace, or strengthen a structure or object with a framework, typically made of wood or metal; to bind or tie something together, usually tightly; (noun) a framework or structure composed of beams, bars, or other elements that are designed to support or strengthen a roof, bridge, or other construction
372. pre_____on strategy *n.* the action, process, or strategy of stopping something undesirable or harmful from happening; the act of preventing, interfering, or hindering unwanted events or outcomes

ANSWERS: 365. capable, 366. glider, 367. celebrate, 368. superhero, 369. cute, 370. diameter, 371. truss, 372. prevention

373. st____h technology *n.* the quality of remaining hidden or undetected; the ability to move or act with great secrecy and subtlety
374. the cr____or's claims *n.* a person, company, etc. to whom a debtor owes money
375. the con_____ce of an argument *n.* the outcome of a particular action or event, especially relative to an individual
376. a seafaring na____n *n.* a large organized community of people living in a particular country or region and having a particular culture
377. ad____ve tape *n.* a sticky substance used to hold things together
378. baseless pre_____on *n.* the act of claiming or asserting something, especially without good reason or without evidence; an unfounded or excessive claim or ambition
379. imp_____ity theorem *n.* the state or condition of being impossible; something that is not possible or cannot be done
380. mo_____ar structure *adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
381. su____ly attacked by an enemy *adv.* quickly and unexpectedly
382. a mi____ry leader *adj.* relating to or characteristic of members of the armed forces; of or relating to war or warfare

ANSWERS: 373. stealth, 374. creditor, 375. consequence, 376. nation, 377. adhesive, 378. pretension, 379. impossibility, 380. molecular, 381. suddenly, 382. military

383. an un____ed stop *adj.* not having a human crew or operator, as in unmanned aerial vehicles (UAVs) or unmanned spacecraft
384. re___e the company *v.* to show that one is not willing to do or accept something
385. bo__t flexibility *v.* to improve, raise, or increase something
386. uni_____ed bias *adj.* not planned or meant
387. labyrinth of the Mi____ur *n.* in Greek mythology, a creature with the head of a bull and the body of a man is depicted as inhabiting a labyrinth on the island of Crete
388. accept my f__e *n.* the development of events beyond one's control; destiny; the ultimate outcome or consequence of a situation or person's actions
389. pos_____ty for growth *n.* a chance that something may happen or be true
390. en_____er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
391. not nec_____ly a problem *adv.* in an essential manner; in such a way as could not be otherwise
392. f__e their homes *v.* to leave by running away, especially out of fear or danger
393. app_____te behavior *adj.* suitable or proper in the circumstances; fitting
394. web sp____r *n.* a small, eight-legged creature that spins webs to catch insects as food; a computer program that systematically browses the World Wide Web for purposes of web indexing

ANSWERS: 383. unmanned, 384. refuse, 385. boost, 386. unintended, 387. Minotaur, 388. fate, 389. possibility, 390. engineer, 391. necessarily, 392. flee, 393. appropriate, 394. spider

395. di____y merchandise *v.* to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value
396. dispel do__ts *n.* a feeling of being uncertain about something, especially about how good or accurate it is
397. a hu___e cottage *adj.* having or showing a modest or low estimate of one's quality or importance
398. slime g_o *n.* a sticky or slimy substance, often of indeterminate or unknown composition; a slang term used to describe something messy, chaotic, or confusing
399. a feeling of a_e *n.* a feeling of respect and wonder inspired by someone or something greatly admired
400. hairy s__a *n.* (of biology) a stiff, bristle-like appendage or hair-like structure found in certain organisms, such as insects or mosses
401. be___n of hope *n.* a light or other visible object serving as a signal, guide, or warning
402. hu____g sound *adj.* producing a continuous, low, vibrating sound like that of the bee
403. house dust m__e *n.* a tiny arachnid-like creature that is related to ticks and spiders and often lives as a parasite on plants or animals
404. the at_____t to rescue the hostages *n.* an act or effort of trying to do something, especially something difficult

ANSWERS: 395. display, 396. doubt, 397. humble, 398. goo, 399. awe, 400. seta, 401. beacon, 402. humming, 403. mite, 404. attempt

405. 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
406. series of exp_____nts *n.* the scientific test conducted to observe what happens and gain new knowledge
407. the crosswise di_____on *n.* a measurable extent of a particular kind, such as width, height, or length
408. eve_____ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
409. occ_____al assistance *adj.* happening or appearing at irregular intervals; not constant or regular
410. pu__y eyes *adj.* swollen or distended, especially with air or gas;
411. un_____ed drone *adj.* not having a human crew or operator, as in unmanned aerial vehicles (UAVs) or unmanned spacecraft
412. am_____y the effect *v.* to enhance something, particularly sound or brightness
413. fruit ne___r *n.* a sweet liquid produced by flowers that attracts and provides food for bees and other insects; any sweet liquid that is enjoyed as a drink or used as a flavoring
414. intellectual f__t *n.* a notable or impressive achievement, especially one that requires great skill or bravery
415. pop_____on change *n.* the total number of people in a country, region, or location

ANSWERS: 405. rocket, 406. experiment, 407. dimension, 408. eventually, 409. occasional, 410. puffy, 411. unmanned, 412. amplify, 413. nectar, 414. feat, 415. population

416. in a_e of the situation *n.* a feeling of respect and wonder inspired by someone or something greatly admired
417. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
418. ro___e about the origin *v.* to turn around a central point or axis; to move in a circular path around something
419. the ul____te goal in life *adj.* furthest or highest in degree or order
420. pi__t production *n.* a person who flies an aircraft, especially as a job; a person qualified to guide ships through a difficult area of water
421. st_____re and function of the brain *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
422. ho_____le accident *adj.* extremely unpleasant or bad; causing fear or disgust
423. st___c electricity *adj.* not moving or not capable of moving, not changing or not capable of changing
424. the inner po_____n of the body *n.* one component of a larger entity
425. un_____ed mystery *adj.* not yet understood, explained, or resolved; remaining a mystery or enigma
426. pa___t delivery *n.* a small container or envelope that holds one or more items typically used for storing or transporting items like food, medicine, or marketing materials

ANSWERS: 416. awe, 417. brain, 418. rotate, 419. ultimate, 420. pilot, 421. structure, 422. horrible, 423. static, 424. portion, 425. unsolved, 426. packet

427. ma__e coating *adj.* having a surface without a shine, luster; non-glossy
428. complete a pr_____pe product *n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed
429. da_____on tea *n.* a common weed with a bright yellow flower and deeply notched leaves that is often seen growing in lawns and other grassy areas; its leaves can be eaten as a salad green, and its roots are sometimes used in herbal medicine
430. st___e up a conversation *v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon
431. an ele_____al storm *adj.* relating to electricity
432. pos_____ty of a major earthquake *n.* a chance that something may happen or be true
433. d__y authority *v.* to challenge or dare someone to do something; to resist or disobey a rule, decision, etc.
434. re_____ze achievement *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
435. a reckless at_____t *n.* an act or effort of trying to do something, especially something difficult
436. thousands of po__ds *n.* the standard unit of money in the UK; the standard unit of weight equal to 16 ounces

ANSWERS: 427. matte, 428. prototype, 429. dandelion, 430. strike, 431. electrical, 432. possibility, 433. defy, 434. recognize, 435. attempt, 436. pound

ANSWERS:

Session 3: Fill in the Blanks

1. His _____ speech about his struggles with addiction brought tears to the audience's eyes.
adj. causing strong emotions or feelings, especially sadness or sympathy

2. He heard a _____ of sirens roar from the neighboring town.
n. a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control

3. The baby _____ 1 pound 3 oz.
v. to have a particular weight; to carefully evaluate things before making a conclusion

4. This substance acts as a neural _____ substance.
n. a piece of equipment used for generating and sending electronic signals, especially radio or television signals

5. Foreign goods from abroad must be _____ to customs when entering a country.
v. to say, state, or announce something clearly, officially, or publicly

6. The pilot sat in the _____ of the airplane.
n. the area in an aircraft or spacecraft from which the pilot controls the aircraft or spacecraft

7. The policy should increase the country's monetary _____.
n. the quality or attribute of being firm and steadfast

ANSWERS: 1. moving, 2. drone, 3. weighs, 4. transmitter, 5. declared, 6. cockpit, 7. stability

8. The company has shown an excellent growth _____ over the years.
n. the curved path followed by an object moving through space
9. New _____ joints are less prone to metal poisoning.
adj. of or relating to an artificial part of the body, such as a limb, a heart, or a breast implant
10. 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
11. Nerve _____ cross a synapse through the action of neurotransmitters.
n. a sudden strong and unreflective wish or need to do something; the electrical discharge that travels along a nerve fiber
12. Parallel lines are, by _____ lines on the same plane that never cross.
n. a concise explanation of the meaning of a word, phrase, or symbol
13. The third _____ was far more successful.
n. an act or effort of trying to do something, especially something difficult
14. _____ often entails inclusive capitalism as well.
n. a form of government in which the people have the authority to deliberate and decide legislation, or to choose governing officials to do so
15. We had a _____ time yesterday.
adj. very great in degree or extent or amount or impact; extremely good
16. In the summer, fields are filled with yellow _____ flowers.
n. a common weed with a bright yellow flower and deeply notched leaves that is often seen growing in lawns and other grassy areas; its leaves can be eaten as a salad green, and its roots are sometimes used in herbal medicine

ANSWERS: 8. trajectory, 9. prosthetic, 10. pounds, 11. impulses, 12. definition, 13. attempt, 14. Democracy, 15. tremendous, 16. dandelion

17. Watching a _____ at a flower is like observing a miniature ballet of nature.
- n.* a small bird with a highly specialized beak and wings that allow it to hover in place, known for its rapid wingbeats and ability to fly in any direction
18. She is highly _____ of handling multiple tasks at once.
- adj.* having the ability, skill, or potential to do something; competent or proficient in a particular task or area of expertise
19. The company decided to move its _____ to New York City.
- n.* the central office or location from which a business or organization is managed
20. The _____ shattered the laboratory equipment.
- n.* explosion, or a strong current of air, usually caused by an explosion; a sudden, thunderous noise
21. It is an incredible _____ to climb Mount Everest, the highest mountain in the world.
- n.* a notable or impressive achievement, especially one that requires great skill or bravery
22. The engine did not start because the _____ was flat.
- n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
23. The eagle perched _____ the tallest tree in the forest.
- adv.* on, to, or at the top
24. This bridge is the third largest _____ bridge in the world.
- n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure

ANSWERS: 17. hummingbird, 18. capable, 19. headquarters, 20. blast, 21. feat, 22. battery, 23. atop, 24. steel

25. The feudal _____ had ruled the land for many years.
- n.* a person who has general authority, control, or power over others; a man of noble rank or high office
26. The _____ exercised great care in landing.
- n.* a person who flies an aircraft, especially as a job; a person qualified to guide ships through a difficult area of water
27. The hang-_____ enthusiast looked at the clear skies, anticipating a perfect day to take flight.
- n.* a light aircraft or small, unpowered plane that is designed to glide and soar through the air using natural winds and or thermal currents
28. It is important to place the _____ in the correct position for accurate electro-cardiogram recording.
- n.* either of two points or ends of a conductor at which electricity enters or leaves an object, substance, or region
29. It's important to _____ your strengths and weaknesses.
- v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
30. The marine _____ manufacturer demonstrated their newest hydroplane.
- n.* any vehicle that can fly and carry things or passengers, such as a plane or helicopter
31. The science experiment involved mixing various liquids to create a bubbling ____.
- n.* a sticky or slimy substance, often of indeterminate or unknown composition; a slang term used to describe something messy, chaotic, or confusing

ANSWERS: 25. lord, 26. pilot, 27. glider, 28. electrodes, 29. recognize, 30. aircraft, 31. goo

32. This accident was something that happened _____.
adv. in an essential manner; in such a way as could not be otherwise
33. Though his plan sounded _____ at first, he realized it anyway.
adj. (of an idea or story) so exaggerated or ludicrous as to be very difficult to believe
34. His father's death changed his whole _____ on life.
n. a confident attitude toward something; a particular style of thinking about something
35. The superhero wore a flowing _____ as part of their costume.
n. a type of long, loose outer garment that covers the back, shoulders, and arms; a headland or promontory extending into the sea or other large body of water
36. The mother _____ fiercely protect their cubs, teaching them valuable hunting and survival skills before they venture out independently.
n. a large, slender, and fast-running African cat with a yellowish-brown coat and black spots
37. The _____ mountains dominate the landscape.
n. a feeling of respect and wonder inspired by someone or something greatly admired
38. As an _____ he had the right to make his own decisions and live his life as he saw fit.
n. a single person or thing, as distinct from a group
39. The _____ growth of the city has disrupted wildlife habitats.
adj. not in accordance with the normal or natural order or not normal, typical, or expected

ANSWERS: 32. necessarily, 33. far-fetched, 34. perspective, 35. cape, 36. cheetahs, 37. awe-inspiring, 38. individual, 39. unnatural

40. The scientist used a _____ technique to study the cells at a microscopic level.

n. the scientific study of small structures or substances using microscopes, including the anatomical, physiological, and pathological aspects of cells, tissues, and organs

41. _____ a society is an organism.

adv. relating to the essential features or concepts of anything

42. The mushroom's cap was covered in tiny _____ giving it a velvety texture.

n. (of biology) a stiff, bristle-like appendage or hair-like structure found in certain organisms, such as insects or mosses

43. His cheeks looked _____ after he overate junk food.

adj. swollen or distended, especially with air or gas;

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

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

45. I need to buy a _____ of biscuits from the store.

n. a small container or envelope that holds one or more items typically used for storing or transporting items like food, medicine, or marketing materials

46. The _____ opinion was that the project would be a success.

adj. most frequent, widespread, or currently dominant, usually referring to a particular opinion, attitude, or trend

47. The _____ for the rocket launch included several satellites and scientific instruments.

n. the amount of cargo or goods that a vehicle or equipment is designed to carry or transport; in computing, the amount of data that can be transmitted over a communication system

ANSWERS: 40. microscopy, 41. Essentially, 42. setae, 43. puffy, 44. temperatures, 45. packet, 46. prevailing, 47. payload

48. The river _____ its banks during the heavy rain.
- v. to flow or run over the edge or brim of a container or surface; to be more than enough
49. I asked the lawyer to initiate _____ negotiations for voluntary liquidation.
- n. a person, company, etc. to whom a debtor owes money
50. The organizational _____ of start-ups is often flat and straightforward.
- n. the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
51. Using a password manager can act as a _____ against hackers who try to steal your personal information.
- n. a device, material, or person that reduces the impact or effect of an external force or provides protection against harm or damage
52. The lighthouse served as a _____ to guide ships safely into port.
- n. a light or other visible object serving as a signal, guide, or warning
53. The sense of accomplishment from completing a challenging hike can _____ those who love the great outdoors
- v. to make someone feel very happy, animated, or excited; to fill with energy or a sense of euphoria
54. Yesterday, I created a rough _____ of the plan.
- n. a simple, quickly-made picture that does not have many details; a short descriptive summary of something
55. The athlete's record-breaking performance _____ all expectations.
- v. to be or do better than someone or something; to excel or go beyond the limits or standards of something

ANSWERS: 48. overflowed, 49. creditor, 50. structure, 51. buffer, 52. beacon, 53. exhilarate, 54. sketch, 55. surpassed

56. You'll need some solid _____ to repair that chair.
n. a sticky substance used to hold things together
57. Actuators convert _____ pulses into motion.
adj. relating to electricity
58. The _____ academy was known for its strict discipline and training.
adj. relating to or characteristic of members of the armed forces; of or relating to war or warfare
59. His hypothesis concerns the role of an _____ field in human health.
adj. of or relating to the magnetism produced by electric charge in motion
60. She took the recommended _____ of medication to treat her headache.
n. a quantity or amount of medicine or a drug that is taken or administered at one time, typically measured out in specific units; a similar measure of exposure to a harmful substance or radiation
61. The fortune teller predicted his _____ and warned him of the looming danger.
n. the development of events beyond one's control; destiny; the ultimate outcome or consequence of a situation or person's actions
62. The mRNA _____ was approved in less than a year because it did not contain the fragments of the target virus.
n. a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)
63. She was a skilled _____ able to craft intricate pieces of furniture.
n. a person who makes or repairs something, especially a craftsman or artisan who works with wood or metal

ANSWERS: 56. adhesive, 57. electrical, 58. military, 59. electromagnetic, 60. dose, 61. fate, 62. vaccine, 63. wright,

64. According to the laws of physics, an event happening before its cause is a logical _____.
- n.* the state or condition of being impossible; something that is not possible or cannot be done
65. He was a computer _____ and spent all his free time coding.
- n.* a person who is highly interested and knowledgeable about a particular subject or field, often to the point of being obsessed
66. 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
67. X-rays revealed a small tumor in his _____.
- n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
68. The patient's condition improved after beginning a _____ treatment regimen.
- n.* a type of RNA virus that uses the enzyme reverse transcriptase to convert its RNA into DNA, which then inserts itself into the host cell's genome, which can cause a variety of diseases in humans and animals, including HIV (Human Immunodeficiency Virus)
69. She falls over _____ when she sees her mother-in-law.
- adv.* at, to, or toward the direction or place that is behind or rear
70. His final goal is to sail around the _____.
- n.* the earth or world, mainly used to emphasize its vastness

ANSWERS: 64. impossibility, 65. geek, 66. degree, 67. brain, 68. retrovirus-targeted, 69. backward, 70. globe

71. The ____ infestation in the old house was a serious problem for the residents.
n. a tiny arachnid-like creature that is related to ticks and spiders and often lives as a parasite on plants or animals
72. It seems _____ that he has forgotten our scheduled meeting.
adj. likely to happen or likely to be true
73. The ____ deadline for submitting the project is tomorrow, so we need to work efficiently to finish on time.
adj. resolute or unwavering in decision-making or action; strong or secure in structure, make, or composition; reliable, trustworthy, or dependable; (noun) a business or company
74. After a long period of estrangement, they _____ with each other.
v. to connect again after a break or interruption
75. She tried to ____ her parents by moving to the city against their wishes.
v. to challenge or dare someone to do something; to resist or disobey a rule, decision, etc.
76. In the _____ the metal gleamed with radiance.
n. an enclosed chamber for heating metal or glass to very high temperatures
77. The primary purpose of the _____ is pain relief.
n. the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.
78. Superman is a classic _____ known for his superhuman strength and flying ability.
n. a fictional hero who possesses extraordinary powers and abilities and is dedicated to protecting the public

ANSWERS: 71. mite, 72. probable, 73. firm, 74. reconnected, 75. defy, 76. furnace, 77. treatment, 78. superhero

79. The _____ spacecraft landed on the asteroid.

adj. not having a human crew or operator, as in unmanned aerial vehicles (UAVs) or unmanned spacecraft

80. The human eye is _____ in recognizing objects.

n. a flash, or several flashes, of light that accompanies an electric discharge in the atmosphere, or something resembling such a flash

81. Some insects use _____ to avoid detection by predators.

n. the act or skill of copying the sounds or behavior of a particular person or animal, often to make people laugh

82. We need to _____ this proposal as soon as the budget is more apparent than before.

v. to go to a place again, especially after a long period

83. The flying car is presently in the _____ stage.

n. a first or preliminary example of something such as a device or vehicle from which other forms are developed

84. The soldier who sacrificed his life for his country is considered a national _____.

n. a person who is admired or idealized for courage, outstanding achievements, or noble qualities; a character in literature or history who is central to the plot and who exhibits heroic qualities

85. The construction workers had to _____ up the beams to support the weight of the building.

v. to support, brace, or strengthen a structure or object with a framework, typically made of wood or metal; to bind or tie something together, usually tightly; (noun) a framework or structure composed of beams, bars, or other elements that are designed to support or strengthen a roof, bridge, or other construction

ANSWERS: 79. unmanned, 80. lightning-fast, 81. mimicry, 82. revisit, 83. prototype, 84. hero, 85. truss

86. The _____ of smoke from the candle added to the room's cozy ambiance.
- n.* a thin, delicate strand or vestige of something, such as smoke, vapor, or a piece of hair; a faint, barely perceptible indication or hint of something; a small creature or fairy, often depicted as a hovering, translucent figure
87. He _____ the 10th anniversary of his tenure.
- v.* to acknowledge a memorable or good day or event with a social gathering or enjoyable activity
88. The _____ of the bees filled the air as she walked through the garden.
- adj.* producing a continuous, low, vibrating sound like that of the bee
89. He used a hammer and round _____ to fix the loose board on the fence.
- n.* a thin, pointed piece of metal with a flat head used for fastening things together; the thin hard layer covering and protecting the outer tip of the fingers or toes
90. He dropped his _____ at the unexpected sight.
- n.* either of the two bones at the bottom of the face that moves when you open your mouth; (verb) talk socially without exchanging too much information
91. The _____ intelligence system has revolutionized the way we live and work.
- adj.* not natural and made by human beings; not real but produced to resemble something
92. Overall _____ are approximately 400x200mm.
- n.* a measurable extent of a particular kind, such as width, height, or length
93. The political situation _____ the country's economic growth and foreign relations.
- v.* to restrict or limit someone or something's freedom or ability to do something

ANSWERS: 86. wisp, 87. celebrated, 88. humming, 89. nail, 90. jaw, 91. artificial, 92. dimensions, 93. constrained

94. The _____ beauty of the night sky never ceases to amaze him.
n. being only one of its kind; unique
95. We experienced a _____ for electric vehicles as interest in green tech grew.
n. an enthusiasm for a particular activity, object, or idea that appears suddenly and achieves widespread but short-lived popularity; a fad
96. _____ pattern roads often appear in urban areas.
n. a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region
97. _____ is the start, not the end, of intelligence.
n. a feeling of being uncertain about something, especially about how good or accurate it is
98. I had to _____ to my email account to check my messages.
v. to enter one's username and password or other credentials to gain access to a computer system, website, or other digital services; (noun) the process of gaining access to a computer system, network, or website by entering a username and password
99. The _____ firefighter rushed into the burning building to save a trapped child.
adj. having no fear; brave
100. The test results were _____ and showed improvement.
adj. giving hope, confidence, or support; inspiring
101. Hydrogen and oxygen _____ to form water.
v. to join or merge to form a single thing or group

ANSWERS: 94. singular, 95. craze, 96. Grid, 97. Doubt, 98. log-in, 99. fearless, 100. encouraging, 101. combine

102. _____ enzymes play a crucial role in breaking down proteins in the digestive system.

- n.* an enzyme that breaks down proteins by hydrolyzing the peptide bonds between amino acids, playing a crucial role in digestion and many other physiological processes

103. He has a flair for _____.

- n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement

104. I will _____ these old shoes in the trash and buy a new pair.

- v.* to throw something carelessly or casually; to get rid of something or someone

105. 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

106. The _____ of the tent was open, letting in the fresh air.

- n.* a piece of material attached to a garment, sail, or aircraft which flaps in the wind; (verb) to move in a wavy pattern or with an up-and-down motion

107. What do you _____ the culprit's motive was?

- v.* to think that something is likely to be actual or possible

108. I will work hard to _____ my goals and realize my dreams.

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

109. The aircraft reached _____ speeds as it broke the sound barrier.

- adj.* pertaining to speeds approaching and crossing the sound barrier, typically referring to aircraft or objects traveling at or near the speed of sound

ANSWERS: 102. Protease, 103. mathematics, 104. chuck, 105. determinant, 106. flap, 107. suppose, 108. achieve, 109. transonic

110. _____ monkeys are known for their intelligence and adaptability in captivity.
n. a type of macaque monkey (any of the various short-tailed monkeys found in Asia and Africa) often used in scientific research
111. When I was a child, my mother often cast _____ spells to ease my pain whenever I was injured.
adj. produced by or containing supernatural powers
112. The _____ approach taken by the government towards climate change is concerning.
adj. characterized by a lack of activity or initiative; not actively participating or engaging in something; marked by a tendency to accept things without resistance or opposition
113. The fire spread rapidly, engulfing everything in its path in a _____ inferno.
adj. intense or scorching heat
114. These economic activities had disastrous environmental _____.
n. the outcome of a particular action or event, especially relative to an individual
115. The _____ waiter accidentally spilled a tray of drinks on a customer.
adj. lacking in grace or skill; awkward; cumbersome
116. The thief moved with _____ careful not to make any noise and alert anyone to his presence.
n. the quality of remaining hidden or undetected; the ability to move or act with great secrecy and subtlety
117. You might need to _____ this point.
v. to enhance something, particularly sound or brightness

ANSWERS: 110. Rhesus, 111. magical, 112. passive, 113. burning, 114. consequences, 115. clumsy, 116. stealth, 117. amplify

118. The trade is _____ right now due to the collapse of the prominent investment bank.
adj. not interesting or exciting; not bright, vivid, or shiny; not active, brisk, or sharp
119. The _____ of Japan is known for its unique culture and advanced technology.
n. a large organized community of people living in a particular country or region and having a particular culture
120. The vehicle bounced along the _____ mountain road.
adj. not quite exact or correct; having or caused by an irregular surface
121. Who answers _____ knows little.
adv. quickly and unexpectedly
122. The body of his car has a _____ finish.
adj. having a surface without a shine, luster; non-glossy
123. The _____ of getting the disease will drastically increase.
n. a chance that something may happen or be true
124. My initial reaction was to _____.
v. to show that one is not willing to do or accept something
125. Enhanced rail _____ is crucial for our business.
n. a system for moving people or products from one location to another using automobiles, roads, and so on
126. Practicing _____ meditation can help reduce stress and improve overall well-being.
adj. being conscious or aware of something; paying close attention to what is happening; being focused and attentive in the present moment

ANSWERS: 118. dull, 119. nation, 120. rough, 121. suddenly, 122. matte, 123. possibility, 124. refuse, 125. transportation, 126. mindful

127. The news of her promotion _____ her.

v. to make someone feel suddenly enthusiastic or eager

128. He had a firm _____ on the rope as he climbed the mountain.

n. the act of holding onto something firmly with your hands, or the ability to do so; (verb) to hold fast or firmly

129. They adopted a _____ approach to resolving their differences, emphasizing dialogue and understanding.

adj. peaceful in character or intent; tending to lessen or avoid conflict; calm or soothing in manner or tone; (noun, as "Pacific") the largest and deepest of Earth's oceanic divisions

130. The company will need to invest in fire _____ equipment to ensure the safety of its employees.

n. the action, process, or strategy of stopping something undesirable or harmful from happening; the act of preventing, interfering, or hindering unwanted events or outcomes

131. I saw a _____ crawling on the wall of my bedroom.

n. a small to medium-sized lizard with soft, velvety skin, short legs, and adhesive pads on the feet that allow them to climb and walk along vertical surfaces

132. Aging _____ up slowly with time.

v. to move slowly, quietly, and carefully, usually to avoid being seen or heard

133. He was, by nature, a cyber _____.

n. a person who is very interested in and knowledgeable about a particular subject such as computers, mathematics, chess, etc.

ANSWERS: 127. excited, 128. grip, 129. pacific, 130. prevention, 131. gecko, 132. creeps, 133. nerd

134. The corporation _____ dominated the entire tobacco business.
adv. finally, particularly after a long time or a lot of struggle, complications, and so on
135. The new service helped _____ net income by 10%.
v. to improve, raise, or increase something
136. Totalitarian _____ are less likely to innovate because they deprive individuals of economic incentives.
n. the organization, a system, or method that is the governing authority of a political unit
137. Draw a circle five centimeters in _____.
n. the length of a straight line passing through the center of a circle and connecting two points on the circumference
138. The _____ over climate change continues to be a hot topic in politics.
n. a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives
139. The _____ of water to sugar in the recipe is 1:2.
n. the relative size or amount of one thing to another, typically expressed in the form of a fraction or decimal
140. The experience was _____ and left a lasting impression.
adj. extremely unpleasant or bad; causing fear or disgust
141. Our plan includes a comprehensive marketing _____.
n. a detailed plan of action designed to achieve a long-term or overall goal.

ANSWERS: 134. eventually, 135. boost, 136. regimes, 137. diameter, 138. debate, 139. ratio, 140. horrible, 141. strategy

142. The _____ spun an intricate web in the corner of the room.
n. a small, eight-legged creature that spins webs to catch insects as food; a computer program that systematically browses the World Wide Web for purposes of web indexing
143. The _____ of the flowers attracted many bees to the garden.
n. a sweet liquid produced by flowers that attracts and provides food for bees and other insects; any sweet liquid that is enjoyed as a drink or used as a flavoring
144. The new smartphone has a _____ 1TB of storage space.
adj. extremely large, impressive, or noteworthy; it can also be used to describe a surprise or shock
145. _____ elections were held in several European countries.
adj. belonging to or used by a group rather than individuals; for common use
146. Management must take _____ responsibility for the accident.
adj. furthest or highest in degree or order
147. Excessive human interference in the global environment may bring _____ consequences.
adj. not planned or meant
148. His _____ showed highly positive results.
n. the scientific test conducted to observe what happens and gain new knowledge
149. Blood _____ makes up about half of the volume of blood.
n. (biology) the yellow-colored liquid component of blood, in which blood cells are suspended; (physics) one of the four fundamental states of matter consisting of positive ions and free electrons

ANSWERS: 142. spider, 143. nectar, 144. whopping, 145. Communal, 146. ultimate, 147. unintended, 148. experiments, 149. plasma

150. 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

151. In just four years, the _____ has doubled.

- n.* the total number of people in a country, region, or location

152. The _____ of the car allowed it to glide smoothly through the air.

- n.* the study of the motion of air, particularly its interaction with solid objects moving through it, such as aircraft or cars

153. _____ weight is the sum of all the atoms.

- adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)

154. The ancient Greek myth tells the tale of the _____ a half-man and half-bull creature.

- n.* in Greek mythology, a creature with the head of a bull and the body of a man is depicted as inhabiting a labyrinth on the island of Crete

155. The construction worker used a _____ saw to cut through the stubborn sheet metal.

- n.* a solid material that is typically hard, shiny, malleable, fusible, and ductile, with good electrical and thermal conductivity, and often used as a structural material, a conductor of heat or electricity, or for decorative purposes

156. 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

ANSWERS: 150. develop, 151. population, 152. aerodynamics, 153. Molecular, 154. Minotaur, 155. metal, 156. responsible

157. Two birds were _____ overhead.

v. to stay in one place in the air

158. The Earth _____ on its axis once every 24 hours.

v. to turn around a central point or axis; to move in a circular path around something

159. He used his right _____ to press the button on his phone.

n. the short, thick digit of the hand next to the index finger; (verb) to travel by getting free rides from motorists

160. The baby's chubby cheeks and big eyes made her look so _____.

adj. attractive, especially in a childlike or youthful way

161. The cancellation of the concert was a huge _____ for the fans.

n. the feeling of sadness, frustration, or dissatisfaction that arises when something does not live up to one's expectations or hopes

162. 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

163. Necessity is the mother of _____.

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

164. An _____ teacher might spark students' motivation to succeed.

adj. stimulating and motivating you to want to do something

ANSWERS: 157. hovering, 158. rotates, 159. thumb, 160. cute, 161. disappointment, 162. astronaut, 163. invention, 164. inspiring

165. His abusive words made me _____.

adj. providing or feeling physical discomfort or slight pain

166. The workers had to dig through solid rock to create the vehicular _____ allowing the cars to pass through the mountain.

n. an underground or underwater passage, typically for trains or cars

167. We need to _____ our products in an attractive way to attract customers.

v. to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value

168. The President made the _____ of war.

n. a formal or explicit statement or announcement

169. Government workers cannot _____ to political campaigns.

v. to give something, especially money or goods, to provide or achieve something together with other people

170. _____ product is a leading cause of preventable deaths worldwide.

n. a plant grown for its leaves, which are dried and processed for smoking or chewing or extraction of nicotine

171. The military vehicles are built with _____ structures to protect soldiers in combat situations.

adj. designed to withstand an impact or collision and minimize injury or damage to people or property; able to protect occupants during a crash or collision

172. The lightning _____ twiggged in several directions.

n. a metal bar that slides across to lock a door or window closed; a discharge of lightning accompanied by thunder; (verb) to move or jump suddenly

ANSWERS: 165. uncomfortable, 166. tunnel, 167. display, 168. declaration, 169. contribute, 170. Tobacco, 171. crashworthy, 172. bolt

173. The world _____ showed me the locations of all the countries.

n. a book of maps or charts; a figure in Greek mythology who bore the weight of the world on his shoulders

174. The mountainous _____ was rough and rocky.

n. the physical features of a piece of land, including hills, valleys, rivers, and forests

175. She only visited her grandparents on _____ weekends.

adj. happening or appearing at irregular intervals; not constant or regular

176. The construction company _____ the building with an earthquake-resistant device.

v. to provide a person or a place with the things that are needed for a particular purpose or activity

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

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

178. That adventurer traveled in _____ of buried treasure.

n. a long or challenging search for something

179. It is a basic instinct to _____ from a dangerous situation.

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

180. Some seaweed was used as _____ medicine in ancient times.

n. people in general, especially those of a particular group or type

181. 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

ANSWERS: 173. atlas, 174. terrain, 175. occasional, 176. equipped, 177. static, 178. quest, 179. flee, 180. folk, 181. atmosphere

182. The golfer recorded an _____ distance.

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

183. The _____ systems on the new airplane model are state-of-the-art.

adj. relating to aviation electronics or technology; referring to aircraft or aerospace navigation, communication, control, or instrumentation systems

184. I _____ skim milk for regular milk because we are on a strict diet.

n. a person or thing acting or serving instead of another one; (verb) to act as a something or someone instead of another one

185. It would be _____ to dress nicely for the wedding.

adj. suitable or proper in the circumstances; fitting

186. The rocket's front _____ falls off.

n. one component of a larger entity

187. The ocean _____ holds the record for the oldest solo Pacific Ocean crossing by a sailboat.

n. a person who enjoys or seeks dangerous and exciting experiences

188. The nobler, the more _____.

adj. having or showing a modest or low estimate of one's quality or importance

189. The cardiac monitor displays the intensity of your _____.

n. the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves

ANSWERS: 182. amazing, 183. avionic, 184. substitute, 185. appropriate, 186. portion, 187. adventurer, 188. humble, 189. pulse

190. The ___ section of the ship suffered significant damage after the collision with the reef.
adj. (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle
191. He is very popular at school because he can _____ all the teachers' accents.
v. to imitate someone's speech, movement, or behavior, especially to make others laugh
192. His _____ of being a gourmet were quickly exposed when he could not identify basic herbs and spices.
n. the act of claiming or asserting something, especially without good reason or without evidence; an unfounded or excessive claim or ambition
193. The scientist cooled the sample to just a couple of _____ to observe quantum effects.
n. a unit of measurement for temperature in the International System of Units (SI), which starts at absolute zero, the theoretical lowest limit of temperature, and named after the British physicist William Thomson, also known as Lord Kelvin
194. 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
195. The spacecraft reentered the Earth's atmosphere at _____ speeds.
adj. relating to or having a speed above the speed of sound (roughly 767 miles per hour or 1,235 kilometers per hour at sea level)
196. It would be _____ for him to alter his behavior.
adj. hard to imagine or believe

ANSWERS: 190. aft, 191. mimic, 192. pretensions, 193. Kelvin, 194. lifted, 195. supersonic, 196. inconceivable

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

adj. not readily apparent or visible

198. He gave his daughter a new ____ for her birthday.

n. a thing, typically a small model or replica of something that is played with, especially by children

199. He couldn't wait to hit the _____ and dance the night away.

n. a nightclub or restaurant where recorded music is played, and people dance

200. This process improves the strength of the metal by controlling the _____ lattice structure of the metal.

adj. on a scale that can be measured in nanometres (= one billionth of a meter); on a very small scale

201. You _____ a bill in the change machine, and the coins pop out.

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

202. Despite the intense verbal abuse, she _____ her anger well.

v. to prevent something from being seen, found, observed, or discovered

203. 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

204. She tried to _____ her brother to join her on the trip, but he was too busy with work.

v. to convince or induce someone to do something by presenting a reason or argument; to sway or influence someone's decision or opinion

ANSWERS: 197. subtle, 198. toy, 199. discotheque, 200. nanoscale, 201. stick, 202. concealed, 203. rocket, 204. persuade

205. The scientist's _____ led to many groundbreaking discoveries in his field.
- n.* the quality of being very clever or talented; the quality of being very bright or shining
206. Scientific knowledge will _____ significantly with the power of AI.
- v.* to go or move forward; to develop in a positive way
207. We _____ to achieve more wages and safer working conditions.
- v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon
208. The _____ will repair my telephone tomorrow morning.
- n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
209. His professional experience includes all _____ of media production.
- n.* one part or feature of a situation, problem, subject, etc.
210. In this class, we learn the basic _____ of the plane.
- n.* a motion or combination of moves that requires skill and care; a clever strategy, activity, or movement intended to give someone an advantage
211. This electronic _____ is required to undergo periodic inspections to ensure precision.
- n.* an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work
212. The case remains _____ after years of investigation.
- adj.* not yet understood, explained, or resolved; remaining a mystery or enigma

ANSWERS: 205. brilliance, 206. advance, 207. strike, 208. engineer, 209. aspects, 210. maneuver, 211. instrument, 212. unsolved

213. The _____ metal was poured into the mold.

adj. in a liquid state as a result of being heated

214. The majority of synthetic vitamins are _____ from oil.

v. to make goods in large numbers, usually in a factory using machines

215. We do move forward with those tasks in _____ next week.

n. a series of related events, actions, numbers, etc., which have a particular order

216. The baker covered the cake with _____ to prevent it from burning in the oven.

n. a thin and flexible sheet of metal, such as aluminum, used for wrapping or covering items; a literary device in which a character's actions or words are used to contrast or highlight the actions or words of another character; (verb) to prevent someone from succeeding in their plans or actions

217. Bungee jumping was an _____ experience that left me shaking with adrenaline.

adj. making one feel very happy and lively; invigorating; providing a feeling of excitement or thrill

218. Many people see the _____ of traveling as an opportunity to experience new cultures and broaden their horizons.

n. the positive aspect or potential of something; the upper side of something

ANSWERS: 213. molten, 214. manufactured, 215. sequence, 216. foil, 217. exhilarating, 218. upside