

# Englist.me



## Vocabulary Builder Reference from...

*Francesco Sauro: Deep under the Earth's surface, discovering beauty and science | TED Talk*

[https://www.ted.com/talks/francesco\\_sauro\\_deep\\_under\\_the\\_earth\\_s\\_surface\\_discovering\\_beauty\\_and\\_science](https://www.ted.com/talks/francesco_sauro_deep_under_the_earth_s_surface_discovering_beauty_and_science)

### All Words

#### IMPORTANT

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## Session 1: Word List

### invite

*v.* to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place

*synonym*: ask, request, summon

(1) **invite** guests, (2) **invite** criticism

We want to **invite** you to our annual charity event.

### continent

*n.* one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex

*synonym*: landmass, (adjective) chaste, (adjective) pure

(1) the inland of a **continent**, (2) **continent** urinary diversion

Flight across the **continent** was a daring adventure in its day.

### largely

*adv.* virtually entirely; to a large degree

*synonym*: mainly, chiefly, broadly

(1) **largely** accepted, (2) **largely** mitigate the issue

Nevada is **largely** a desert state.

### unexplored

*adj.* not yet examined, investigated, or studied; lacking in knowledge or information; unknown or undiscovered

*synonym*: uncharted, undiscovered, untapped

(1) **unexplored** ideas, (2) **unexplored** cave

There are many **unexplored** regions of the ocean that scientists hope to study soon.

## legend

*n.* an old story that may or may not be accurate regarding some persons and events; a well-known person who is admired by others for a long time, particularly in a particular field

*synonym* : fable, fiction, myth

(1) basketball **legend**, (2) **legend** of King Arthur

Many of the **legends** of the famous general came about hundreds of years after his death.

## dramatic

*adj.* very sudden, very excellent, or full of action and excitement

*synonym* : striking, theatrical, breathtaking

(1) make **dramatic** changes, (2) a **dramatic** rescue at sea

The statement had a **dramatic** impact on house prices.

## landscape

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

*synonym* : geography, terrain, topography

(1) a peaceful **landscape**, (2) **landscape** painting

Recent electoral shocks have shaken the political **landscape** in Europe.

## underground

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

*synonym* : subterranean, subsurface, confidential

(1) water flowing **underground**, (2) **underground** activist

Having **underground** parking has been very beneficial throughout the winter.

## chamber

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

*synonym* : association, cabin, legislature

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

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

## biology

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

(1) evolutionary **biology**, (2) cell and molecular **biology**

In junior high school, we had to dissect a frog in **biology** class.

## mineralogy

*n.* the scientific study of minerals, naturally occurring inorganic substances with homogeneous chemical composition and ordered internal structure that focuses on the identification, characterization, and classification of minerals

*synonym*: mineral science

(1) experimental **mineralogy**, (2) **mineralogy** research

His interest in the **mineralogy** of gemstones led him to become a well-respected gemologist.

## intrepid

*adj.* courageous and not afraid of danger or difficulties

*synonym*: unfearing, courageous, dauntless

(1) **intrepid** personality, (2) **intrepid** travelers

There were still **intrepid** pioneers who planned to start their businesses

## satellite

*n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.

*synonym*: orbiter, asteroid, moon

(1) a GPS **satellite**, (2) a meteorological **satellite**

Launching an artificial **satellite** contributed to the technological development of our country.

## planet

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

**star**

*synonym* : earth, world, globe

(1) **planet** like the Earth, (2) save the **planet**

Mercury is the closest **planet** to the sun.

**cave**

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

*synonym* : cavern, grotto, burrow

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

Bats reside in sheltered **caves**.

**shaft**

*n.* a long, narrow part or section of an arrow, hammer, golf club, etc.; a long, narrow passage consisting of the vertical part of a column

*synonym* : beam, pole, gleam

(1) the **shaft** of an arrow, (2) front drive **shaft**

The rescue team rushed into the mine **shaft**.

**geography**

*n.* a field of science devoted to the study of the lands, features, inhabitants, and phenomena of the Earth

*synonym* : landscape, terrain, topography

(1) **geography** class, (2) economic **geography**

She did well on her **geography** exam.

**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.

**unappreciated**

*adj.* not adequately valued or acknowledged

*synonym* : unvalued, undervalued, unrecognized

(1) an **unappreciated** genius, (2) **unappreciated** effort

She felt **unappreciated** for all the hard work she had put in.

## creature

*n.* a living being, especially an animal

*synonym* : being, animal, organism

(1) **creature** of habit, (2) artificial **creature**

The deep sea **creature** was unlike anything the scientists had ever seen before.

## perception

*n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses

*synonym* : understanding, idea, awareness

(1) keen **perception**, (2) **perception** of a stimulus

He is a man admired for the depth of his **perception**.

## skew

*v.* to turn or place at an angle; to make biased or distorted with the result that it is not accurate, fair, normal, etc.

*synonym* : slant, tilt, distort

(1) **skew** the message, (2) **skew** social values

The results of the poll are **skewed** because it only surveyed a small group of people.

## depth

*n.* the distance between the top and bottom of something; between the top surface and a distance below it

*synonym* : deepness, profoundness, extent

(1) **depth** camera, (2) the **depth** of the water

The pond's **depth** was around five feet.

## 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**.

## systematic

*adj.* done or acting according to a determined set of systems or plans:

*synonym* : periodic, frequent, organized

(1) a **systematic** reformation, (2) **systematic** botany  
Science is based on the **systematic** classification of experience.

## **mammoth**

*adj.* exceedingly large or extensive; (noun) any of numerous extinct elephants widely distributed in the Pleistocene  
*synonym*: huge, large

(1) woolly **mammoth**, (2) a **mammoth** ship

The minister decided to review its **mammoth** public works projects.

## **abyss**

*n.* a deep, dark, or seemingly bottomless chasm or void  
*synonym*: chasm, cavity, gulf

(1) the **abyss** of time, (2) an **abyss** of hopelessness

The deep sea is an **abyss** of mystery and discovery.

## **karst**

*n.* a landscape or terrain characterized by underground drainage systems, sinkholes, caves, and the dissolution of limestone or other soluble rocks, which regions often have unique hydrological features due to the dissolution of rock layers

*synonym*: cave, cavern, sinkhole

(1) subterranean **karst**, (2) limestone **karst**

The **karst** landscape in the region was stunning, with its limestone caves and sinkholes.

## **infiltrate**

*v.* to enter or penetrate a group, organization, or place covertly or secretly, usually with a specific purpose or goal in mind; to spread or diffuse through something gradually or subtly

*synonym*: penetrate, sneak in, invade

(1) **infiltrate** the bloodstream, (2) **infiltrate** a community

The spy was able to **infiltrate** the enemy's headquarters undetected.

## **crack**

*v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along

which it has separated without breaking

*synonym* : snap, burst, break

(1) **crack** an eggshell, (2) a **crack** in a board

He that would eat the kernel must **crack** the nut.

## fracture

*n.* the breaking or cracking of a rigid material or object such as bone

*synonym* : break, crack, rupture

(1) **fracture** test, (2) risk of bone **fractures**

X-ray inspection revealed many **fractures**.

## dissolve

*v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss

*synonym* : disband, disappear, liquefy

(1) **dissolve** the sugar, (2) officially **dissolved** the marriage

The political party **dissolved** after much internal fighting.

## soluble

*adj.* able to dissolve in a particular substance or solvent; able to be solved or settled

*synonym* : miscible, dissolvable, liquefiable

(1) **soluble** fiber, (2) water- **soluble** vitamin

The sugar is **soluble** in hot water and dissolves easily.

## lithology

*n.* the study of the physical and chemical properties of rocks and geological formations

*synonym* : study of rocks, rock formation, petrology

(1) paleo- **lithology**, (2) geological **lithology**

The rock's **lithology** suggests it was formed under high pressure and temperature.

## drainage

*n.* the process of draining or the condition of being drained; the natural or artificial removal of water from an area or a system, usually due to rainfall or melting snow

*synonym* : draining, runoff, sewage

(1) water **drainage**, (2) blocked **drainage**

The city's **drainage** system was inadequate for heavy rainfall,

causing floods.

## 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.

## conduit

*n.* a channel, pipe, or tube that is used to direct the flow of fluids or other material from one place to another; figuratively, a means of communication or channel for transmitting information, ideas, or concepts

*synonym*: channel, pipeline, tube

(1) water **conduit**, (2) electrical **conduit**

The **conduit** between the two buildings carried water and electricity.

## spelean

*adj.* relating to or characteristic of caves or their exploration, typically used in the context of spelunking or cave exploration

*synonym*: cavernous, underground, subterranean

(1) **spelean** exploration, (2) **spelean** cave system

The **spelean** adventurer explored deep into the dark cave systems.

## roughly

*adv.* approximately but not precisely; with a violent manner

*synonym*: approximately, more or less, around

(1) **roughly** explain my idea, (2) **roughly** speaking

Five miles is **roughly** similar to eight kilometers.

## geologist

*n.* a scientist or specialist who studies geology

(1) planetary **geologist**, (2) marine **geologist**

These issues baffled **geologists** for many years.



## estimate

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

*synonym*: calculate, gauge, evaluate

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

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

## discovery

*n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

*synonym*: finding, uncovering, detection

(1) a scientific **discovery**, (2) the great **discovery** of the century

Her research team made an important **discovery**.

## undiscovered

*adj.* not yet found or known

*synonym*: unknown, hidden, unexplored

(1) **undiscovered** territory, (2) **undiscovered** potential

The jungle is full of **undiscovered** species waiting to be found.

## endless

*adj.* having no end or conclusion; infinitely very large in size or amount

*synonym*: infinite, ceaseless, boundless

(1) **endless** possibilities, (2) **endless** hours

He looked out the window at the **endless** stream of people.

## glacier

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

*synonym*: iceberg, ice floe

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

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

## volcanic

*adj.* relating to or produced by or consisting of volcano

(1) effects of **volcanic** eruptions, (2) increase in **volcanic** activity

This study indicates **volcanic** activity affects global warming.

## lava

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

*synonym* : molten rock, magma, volcanic rock

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

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

## mar

*v.* to damage or spoil the appearance or surface of something

*synonym* : damage, deface, disfigure

(1) **mar** a proper relationship, (2) **mar** the reputation

The scratches on the car **marred** its otherwise perfect appearance.

## characteristic

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

*synonym* : feature, quality, attribute

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

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

## specific

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

*synonym* : particular, definite, distinct

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

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

## alien

*n.* a person who comes from a different country, race, or group; a form of life assumed to exist outside the Earth or its atmosphere

*synonym* : foreigner, unfamiliar, unknown

(1) **alien** fungi, (2) resident **aliens**

**Alien** species have drastically altered the ecosystem in this

area.

## hometown

*n.* the town or city where one was born or grew up  
*synonym*: birthplace, home, native place

(1) **hometown** celebrity, (2) **hometown** memory

I always look forward to going back to my **hometown** during the holidays.

## 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.

## opportune

*adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

*synonym*: suitable, timely, practical

(1) **opportune** occasion, (2) an **opportune** remark

The phone rang at the most **opportune** time.

## basin

*n.* a natural depression or valley that is circular or oval on the surface of the earth, especially one that has water in it; a container with a bowl form that is typically used to hold food or liquids

*synonym*: watershed, bowl

(1) inland **basin**, (2) the **basin** of the Great Salt Lake

Many of the lakes and marshes in the **basin** are mildly salty.

## mass

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

*synonym*: abundance, crowd, mob

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

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

## enchant

*v.* to cast a spell on; to fascinate or charm someone

*synonym*: charm, captivate, bewitch

(1) **enchant** the audience, (2) **enchant** the crowd  
The fairy's spell **enchanted** the prince, making him fall asleep for 100 years.

## surround

*v.* to be all around something or somebody

*synonym*: encircle, encompass, envelop

(1) **surround** a town, (2) a stone wall **surrounds** the palace  
On three sides, mountains **surround** the settlement.

## vertical

*adj.* upright or perpendicular to a horizontal surface or line

*synonym*: perpendicular, upright, plumb

(1) **vertical** takeoff, (2) **vertical** axis

The ladder leaned against the **vertical** surface of the building.

## vertigo

*n.* a feeling of dizziness or disorientation often caused by a disturbance in the inner ear; a sensation or feeling of being unsteady or losing one's balance

*synonym*: dizziness, lightheadedness, unsteadiness

(1) **vertigo** symptoms, (2) suffer from **vertigo**

The sudden drop on the rollercoaster gave me a wave of **vertigo**.

## waterfall

*n.* a point in a river or stream where water falls from a high place, for example, over a cliff or rock

*synonym*: cascade, falls, rapids

(1) scenic **waterfall**, (2) a **waterfall** with a fall of ten feet  
Years of river erosion have formed the uniquely shaped **waterfall** basin.

## inspire

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

*synonym*: boost, encourage, enlighten

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

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

producers.

## novel

*n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before

*synonym*: fiction, story, (adjective) innovative

(1) historical **novel**, (2) **novel** effect

The **novel** has largely gotten positive feedback.

## separate

*v.* to force, take, or pull apart; mark as different

*synonym*: disunite, isolate, ramify

(1) **separate** video into chapter, (2) **separate** cream from milk

We need to **separate** the aspect of his personality from the part of his competence when making an investment decision.

## surrounding

*adj.* that is near or around, or closely encircling something

*synonym*: circumferent, encircling, neighboring

(1) **surrounding** areas, (2) a fence **surrounding** a castle

The **surrounding** mountains make the city difficult to be invaded.

## lowland

*n.* low-lying country or region

*synonym*: marshland

(1) **lowland** crop, (2) **lowland** swamp

Much of our territory is located in the **lowland**.

## resemble

*v.* to look like or be similar to someone or something

*synonym*: look like, be similar to

(1) **resemble** each other, (2) **resemble** her mother

The brothers **resemble** each other in the hobby.

## fortress

*n.* a large and strongly built structure, typically with high walls and a moat, used as a military defense or for protection against attackers

*synonym*: castle, citadel, stronghold

(1) **fortress** wall, (2) military **fortress**

The ancient **fortress** was built on a hill to give the defenders a strategic advantage.

## impregnable

*adj.* impossible to enter, capture, or defeat; difficult to argue against or resist

*synonym*: unassailable, unyielding, invulnerable

(1) **impregnable** self-confidence, (2) in an **impregnable** position

His argument was so well-reasoned that it seemed almost **impregnable**.

## paradox

*n.* a statement, situation, or person that has two opposite facts or features and therefore seems impossible, is difficult to understand, or is strange;

*synonym*: incongruity, dichotomy, contradiction

(1) French **paradox**, (2) the **paradox** of the heap

There are many theories to explain this **paradox**.

## quartz

*n.* a hard, mineral compound consisting of silicon dioxide, often occurring as colorless or white crystals but also found in various colors, and commonly used in jewelry and watches, as well as in the production of glass and other industrial applications

*synonym*: crystal, mineral, rock

(1) **quartz** rock, (2) rose **quartz**

The crystal pendant was made of clear **quartz**.

## mineral

*n.* a solid inorganic substance occurring in nature having a definite chemical composition

(1) vitamin and **minerals**, (2) **mineral** rights

The robust economy of the country is based on its **mineral** resources.

## crust

*n.* a hard outer layer that forms on the surface of a liquid as it cools or on a solid as a result of exposure to air or moisture

*synonym* : layer, coating, shell

(1) **crust** formation, (2) the earth's **crust**

The bread's **crust** was golden brown and crispy.

## quartzite

*n.* a hard and compact metamorphic rock composed primarily of quartz, often used in construction and decorative applications

(1) durable **quartzite**, (2) natural **quartzite**

The hiking trail led through a beautiful valley of **quartzite** formations.

## republic

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

*synonym* : democracy, federation, commonwealth

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

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

## contradiction

*n.* the assertion of the opposite of what has been said; opposition; denial

*synonym* : inconsistency, opposition, contravention

(1) **contradiction** of capitalism, (2) apparent **contradiction**

His statement was filled with **contradictions** that made it difficult to take seriously.

## evolve

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

*synonym* : develop, mature, grow

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

Eyeless fish **evolved** in dark caves.

## uplift

*n.* the process of raising land to a higher elevation, or the result of this process; (verb) fill with high spirits

*synonym* : upthrust, upheaval, (verb) raise

(1) **uplift** mountains, (2) **uplift** my spirit

The **uplift** in the stock market has been a relief to investors.

## disrupt

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

*synonym*: interrupt, disturb, break into

(1) **disrupt** a well-ordered condition, (2) **disrupt** sleep  
I'm so sorry to **disrupt** you when you're pretty busy.

## supercontinent

*n.* a large landmass that is formed by the collision and merging of several smaller continents and which then eventually breaks apart again due to tectonic forces

*synonym*: Pangaea, Rodinia, Gondwana

(1) **supercontinent** cycle, (2) **supercontinent** formation  
Through a process known as plate tectonics, **supercontinents** have formed and broken apart multiple times over Earth's history.

## Atlantic

*adj.* relating to or located near the Atlantic Ocean, which is the second-largest ocean on Earth, located between the continents of North and South America to the west and Europe and Africa to the east

(1) **Atlantic** breeze, (2) **Atlantic** salmon

The **Atlantic** hurricane season runs from June to November each year.

## sculpt

*v.* to create a work of art by carving, casting, or other shaping techniques

*synonym*: carve, mold, shape

(1) **sculpt** an image, (2) **sculpt** prototype

He spent hours every day **sculpting** figures out of clay.

## tower

*n.* a structure that is exceptionally high in proportion to its width and either forms part of a building or stands alone

*synonym*: building, belfry, edifice

(1) a bell **tower**, (2) the **tower** on a cliff

She is a **tower** of strength for our team in trouble.



## frame

*n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window

*synonym*: body, skeleton, scaffolding

(1) a picture **frame**, (2) the **frame** of the policy

The detective looked for fingerprints on the window **frame**.

## angel

*n.* a spiritual being believed to be a messenger of God often depicted as having wings and a halo

*synonym*: messenger, spirit, celestial being

(1) **angel** investors, (2) fallen **angel**

As she lay on her deathbed, a bright light appeared, and she saw a holy **angel** standing at the foot of her bed.

## hint

*n.* an indirect suggestion; a slight but appreciable amount of something

*synonym*: clue, indication, suggestion

(1) **hint** of trouble, (2) helpful **hints**

There was no **hint** of a problem.

## identify

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

*synonym*: determine, specify, recognize

(1) **identify** handwriting, (2) **identify** gene sequences

I will introduce you to how to **identify** the leading causes of the malfunction.

## collapse

*v.* to fall down or give way suddenly, often after breaking apart

*synonym*: tumble, spill, bankruptcy

(1) the stock market **collapsed**, (2) ready to **collapse**

The roof finally **collapsed** after three days and three nights of heavy snowfall.

## boulder

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

*synonym*: rock, stone, clump

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

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

**pile** *n.* a collection of objects positioned one on top of another; a large sum of something, such as money  
*synonym*: accumulation, heap, stack  
(1) a sand **pile**, (2) the height of a **pile**  
After the party, they had to clean up **piles** of dirty dishes.

**void** *n.* an empty space; a feeling of emptiness; (adjective) lacking any legal or binding force  
*synonym*: emptiness, vacuity, (adjective) null  
(1) **void** of expression, (2) **void** contract  
The **void** in her heart was filled with the love of her family.

**indication** *n.* a sign or remark that something exists, is real, or is likely to occur  
*synonym*: clue, hint, inkling  
(1) **indication** of inflation, (2) environmental **indication**  
Faces are a good **indication** of age.

**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.

**helicopter** *n.* a type of aircraft that is capable of hovering in place and moving vertically, as well as flying horizontally; often used for emergency medical services, military operations, and transport in areas with limited access  
*synonym*: chopper, copter, whirlybird  
(1) **helicopter** ride, (2) police **helicopter**  
The company's CEO arrived at the meeting via **helicopter** to avoid traffic congestion

- fog**
- n.* a thick cloud consisting of tiny water droplets or ice crystals suspended in the air at or near the Earth's surface; a weather condition in which visibility is reduced because of a cloud of water
- synonym* : cloud, mist, smog
- (1) a dense **fog**, (2) front **fog** lights
- The **fog** cleared away, and the star-filled sky appeared.
- rainfall**
- n.* the amount of rain that falls in a specific location at a particular moment
- synonym* : downpour, drizzle, rain
- (1) the mean annual **rainfall**, (2) heavy **rainfall**
- These plants thrive in hot climates with abundant **rainfall**.
- spot**
- n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
- synonym* : dot, mark, place
- (1) beauty **spot**, (2) a **spot** on his honor
- This remote **spot** is rarely visited.
- plateau**
- n.* an elevated, relatively level expanse of land, typically vast and extending over a large area; a state or period of little or no change following a period of growth, development, or progress
- synonym* : mesa, tableland, plain
- (1) **plateau** region, (2) **plateau** in performance
- The hikers finally reached the **plateau** after a long climb up the mountain.
- expedition**
- n.* a journey or voyage for a specific purpose
- synonym* : journey, trip, voyage
- (1) **expedition** team, (2) a polar **expedition**
- The **expedition** to the Amazon jungle was both exciting and challenging.
- incredible**
- adj.* unbelievable; enormous
- synonym* : unbelievable, fantastical, inconceivable

(1) **incredible** amount, (2) at **incredible** speed  
Her response revealed **incredible** idiocy.

## indigenous

*adj.* someone or something that is native to or occurring naturally in a particular place

*synonym* : domestic, endemic, primitive

(1) **indigenous** crop, (2) **indigenous** peoples

The **indigenous** plants need to be pollinated by local insects.

## religion

*n.* a deep conviction in a supernatural power that controls human destiny

*synonym* : faith, creed, belief

(1) **religion** sociology, (2) freedom of **religion**

Their **religion** strictly prohibits them from drinking or gambling.

## sacred

*adj.* connected with religion or religious purposes; worthy of respect or dedication because of a connection with a god

*synonym* : holy, inviolable, hallowed

(1) **sacred** music, (2) the halo of a **sacred** image

This space is a private office **sacred** to the President

## protocol

*n.* a set of rules or procedures for transmitting data or conducting a process or activity, especially in computer networks or scientific experiments; the initial or original version of an agreement

*synonym* : procedure, system, method

(1) draft a **protocol**, (2) **protocol** breach

The company has a strict **protocol** for handling sensitive information to ensure security.

## contaminate

*v.* to make something impure, unclean, or poisonous by contact or mixture

*synonym* : defile, pollute, adulterate

(1) **contaminate** with a disease, (2) **contaminate** his ego

We strive not to **contaminate** the environment when

demolishing petroleum plants.

## environment

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

*synonym*: atmosphere, surroundings, climate

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

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

## presence

*n.* the fact or state that someone or something exists, occurs, or is present

*synonym*: existence, actuality, fact

(1) the evidence of the **presence**, (2) his majestic **presence**

The path to a solid online **presence** necessitates a high technical ability.

## 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.

## represent

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

*synonym*: depict, express, describe

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

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

## snapshot

*n.* an informal photograph, especially one taken quickly

*synonym*: photo, picture, print

(1) take a **snapshot**, (2) developed **snapshot**

There were framed **snapshots** of family and friends in her

room.

## classic

*adj.* judged or deserving to be regarded as one of the best or most important of its kind over a period of time; of a well-known type

*synonym* : definitive, traditional, typical

(1) a **classic** experiment, (2) Chinese **classic** literature

He displayed the **classic** symptoms of depression.

## limestone

*n.* a sedimentary rock that is composed mainly of calcium carbonate, which is the mineral calcite

*synonym* : calcareous rock, chalk

(1) sheer **limestone** cliffs, (2) **limestone** pavement

The Great Pyramid of Giza was built using blocks of **limestone**.

## stalactite

*n.* a tapering, elongated mineral deposit that hangs from the roof of a cave, formed by the accumulation of mineral-rich water dripping from the ceiling

*synonym* : dripstone, icicle

(1) dripping **stalactite**, (2) lava **stalactite**

The **stalactite** formations in the cave were truly breathtaking.

## calcium

*n.* a chemical element with the symbol Ca and atomic number 20, which is an important mineral for the human body

*synonym* : Ca, lime, chalk

(1) **calcium** deficiency, (2) ion of **calcium**

The patient was prescribed a **calcium** supplement to help prevent osteoporosis.

## carbonate

*n.* a carbonic acid salt or ester that contains the anion CO<sub>3</sub>

(1) sodium **carbonate**, (2) alkaline **carbonate**

The explosive chemical reaction does not occur in all sodium **carbonate**.

## mushroom

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

*synonym* : fungus, toadstool

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

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

## silica

*n.* a hard, brittle mineral that occurs as silicon dioxide in various forms such as quartz, opal, or flint, commonly used in various industrial applications, such as as an abrasive or filler

*synonym* : silicon dioxide, quartz, sand

(1) **silica** gel, (2) **silica** fiber

The production of glass requires high-purity **silica** sand.

## monster

*n.* an imaginary creature that is large and has various human and animal parts; someone or something large and powerful

*synonym* : giant, freak, behemoth

(1) horde of **monsters**, (2) **monster** film

This car has a **monster** engine.

## scared

*adj.* afraid or frightened

*synonym* : frightened, fearful, dreading

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

I'm **scared** of insects.

## dinosaur

*n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin

*synonym* : reptile, beast, monster

(1) hulking **dinosaur**, (2) **dinosaur** fossil

The discovery of a new **dinosaur** species made headlines in the scientific community.

## bacteria

*n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the

air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease

*synonym* : microorganism, microbe

(1) pathogenic **bacteria**, (2) harmless **bacteria**

**Bacteria** prevalent in hospitals are often resistant to antibiotics.

## colony

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

*synonym* : settlement, territory, plantation

(1) plant a **colony**, (2) a **colony** of bacteria

The **colony** declared its independence and became a republic.

## 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.

## stromatolite

*n.* a type of fossilized microbial mat formed by the growth and mineralization of cyanobacteria and other microorganisms, typically found in ancient sedimentary rocks and of great significance to the study of the Earth's early history and evolution

*synonym* : microbialite, fossilized stromatolite

(1) ancient **stromatolite**, (2) microbial **stromatolite** formation

The **stromatolite** fossils provide important clues about the early evolution of life on Earth.

## isolation

*n.* the condition of being alone or lonely; the act or state of separation between persons or groups

*synonym* : aloneness, seclusion, separateness



(1) **isolation** booth, (2) the country's **isolation**  
That incident led to his **isolation**.

## external

*adj.* belonging to or situated outside of someone or something

*synonym*: outside, exterior, foreign

(1) **external** factors, (2) **external** commerce

When a company discloses information to the market, an **external** auditor verifies them.

## implication

*n.* something that is inferred or indirectly stated; the act or fact of being involved in something

*synonym*: suggestion, association, conclusion

(1) the **implication** in a crime, (2) the **implication** of a word  
His poem has a very significant **implication**.

## enormous

*adj.* extremely large or great

*synonym*: huge, giant, gigantic

(1) **enormous** amount, (2) **enormous** potential

Shakespeare's output of poetry was **enormous**.

## microbe

*n.* a tiny living thing that can only be seen with a microscope and that may cause disease

*synonym*: germ, microorganism, bacterium

(1) pathogenic **microbe**, (2) **microbes** sterilizer

**Microbes** thrive on the surface of the human skin.

## resolve

*v.* to find a suitable answer to the problems or difficulty

*synonym*: decide, determine, fix

(1) **resolve** a dispute, (2) **resolve** the computer error

This company **resolves** its battery problem completely.

## disease

*n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems

*synonym*: illness, ailment, affliction

(1) **disease** prevention, (2) **disease** control

The doctor diagnosed him with a rare **disease** that had no known cure.

## medicinal

*adj.* of or relating to the treatment or cure of disease

*synonym*: curative, therapeutic, healing

(1) **medicinal** chemistry, (2) traditional **medicinal**

The **medicinal** properties of this herb have been known to help with various ailments.

## phosphate

*n.* a chemical compound made up of phosphorus (= a chemical element with the symbol P) and oxygen (= a chemical element with the symbol O), often used in fertilizers, detergents, and other industrial processes

(1) calcium **phosphate**, (2) sodium **phosphate**

The buildup of **phosphate** in the soil can cause it to become too acidic, which can be harmful to plants.

## sulfur

*n.* (also sulphur) a chemical element with the symbol S and atomic number 16, found in many minerals and sulfur compounds, often used in the production of fertilizers, rubber, paper, and other industrial applications

(1) **sulfur** dioxide, (2) **sulfur** mine

The **sulfur** emissions from the nearby factory caused the rotten egg smell.

## cricket

*n.* leaping insect; a game played with a ball and bat by two teams of eleven players

(1) **cricket** match, (2) a pine **cricket**

The sound of the **crickets** chirping filled the air on a warm summer evening.

## diversity

*n.* the quality or fact of many different types of things or people being included in something; a range of different things or people

*synonym*: variety, multiplicity, variousness

(1) the **diversity** policy of the university, (2) lingual **diversity**

He was impressed by the range and **diversity** of the collection.

## clue

*n.* an object, a piece of evidence, or some information that helps someone to find the answer to a problem, question, or mystery

*synonym*: hint, indication, inkling

(1) a **clue** about the crime, (2) a **clue** to the diagnosis

The police couldn't find a **clue** to her whereabouts.

## origin

*n.* the first existence or beginning of something

*synonym*: root, source, ancestor

(1) **origin** of information, (2) racial **origin**

There are various hypotheses concerning the **origin** of life.

## relation

*n.* the way two persons or groups of people feel and act toward one another

*synonym*: association, linkage, connection

(1) **relation** between cause and effect, (2) **relation** of inclusion

The industrial **relations** laws were passed with little to no alteration.

## evolution

*n.* a gradual process of transformation of living things

*synonym*: elaboration, expansion, transition

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

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

## Negro

*n.* ("Negro" is now considered out of date and offensive) a term that was once used to refer to people of African descent, especially those living in the United States

*synonym*: African American

(1) **Negro** literature, (2) American **Negro**

They developed **Negro** blues with a lively rhythm.

## 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?

## 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.

## principle

*n.* a fundamental law or truth that explains or controls how something happens or works

*synonym* : rule, creed, code

(1) **principle** of treatment, (2) **principle** in business

Efficiency isn't an essential **principle** here; fairness is.

## slide

*v.* to move or cause to move smoothly along a surface without interruption

*synonym* : glide, drift, drop

(1) **slide** a card across the table, (2) **slide** a glance

If necessary, you can **slide** the front seats forward.

## representative

*n.* someone who speaks or acts officially on behalf of another person or group of people

*synonym* : spokesperson, agent, delegate

(1) an official **representative**, (2) sales **representative**

The media **representatives** had special passes.

## 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.

## photograph

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

*synonym* : photo, picture, snapshot

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

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

## incredibly

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

*synonym* : enormously, exceptionally, extraordinarily

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

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

## exposed

*adj.* having no protection or shield from something, such as bad weather, attack, or criticism

*synonym* : endangered, revealed, disclosed

(1) **exposed** to radiation, (2) an **exposed** rock

Tech companies often employ **exposed** ducts and other materials in their office interiors.

## colleague

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

*synonym* : coworker, associate, fellow

(1) collaborate with **colleagues**, (2) former **colleague**

I decided to seek counseling on the advice of my **colleague**.

## 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.

## spray

*n.* a fine mist of liquid that is dispersed into the air; flower arrangement consisting of a single branch or shoot bearing flowers and foliage

*synonym* : mist, aerosol, atomizer

(1) a **spray** of mist, (2) an insect **spray**

The artist used a **spray** paint can to create a graffiti mural on the wall.

## Session 2: Spelling

1. fr\_\_\_\_\_re test *n.* the breaking or cracking of a rigid material or object such as bone
2. exp\_\_\_\_\_on team *n.* a journey or voyage for a specific purpose
3. re\_\_\_\_\_le her mother *v.* to look like or be similar to someone or something
4. 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
5. racial or\_\_\_\_n *n.* the first existence or beginning of something
6. up\_\_\_\_t mountains *n.* the process of raising land to a higher elevation, or the result of this process; (verb) fill with high spirits
7. ind\_\_\_\_\_us peoples *adj.* someone or something that is native to or occurring naturally in a particular place
8. inf\_\_\_\_\_te a community *v.* to enter or penetrate a group, organization, or place covertly or secretly, usually with a specific purpose or goal in mind; to spread or diffuse through something gradually or subtly
9. hulking di\_\_\_\_\_ur *n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
10. risk of bone fr\_\_\_\_\_res *n.* the breaking or cracking of a rigid material or object such as bone

ANSWERS: 1. fracture, 2. expedition, 3. resemble, 4. atmosphere, 5. origin, 6. uplift, 7. indigenous, 8. infiltrate, 9. dinosaur, 10. fracture

- |  |   |
|--|---|
| 11. und_____red territory              | <i>adj.</i> not yet found or known  |
| 12. a meteorological sa_____te         | <i>n.</i> an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.                            |
| 13. env_____nt affairs                 | <i>n.</i> the natural world such as air, water, and land in which humans, animals, and plants live  |
| 14. evolutionary bi_____y              | <i>n.</i> the scientific study of life and the natural processes of living things   |
| 15. re_____on between cause and effect | <i>n.</i> the way two persons or groups of people feel and act toward one another   |
| 16. sc____t an image                   | <i>v.</i> to create a work of art by carving, casting, or other shaping techniques  |
| 17. a dense f_g                        | <i>n.</i> a thick cloud consisting of tiny water droplets or ice crystals suspended in the air at or near the Earth's surface; a weather condition in which visibility is reduced because of a cloud of water |
| 18. re_____on sociology                | <i>n.</i> a deep conviction in a supernatural power that controls human destiny   |
| 19. di_____e prevention                | <i>n.</i> a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems  |
| 20. de__h camera                       | <i>n.</i> the distance between the top and bottom of something; between the top surface and a distance below it   |

ANSWERS: 11. undiscovered, 12. satellite, 13. environment, 14. biology, 15. relation, 16. sculpt, 17. fog, 18. religion, 19. disease, 20. depth



21. marine ge\_\_\_\_\_st *n.* a scientist or specialist who studies geology
22. as\_\_\_\_\_ut mission *n.* a person trained by a space agency to travel outside the Earth's atmosphere
23. ev\_\_\_e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
24. und\_\_\_\_\_red potential *adj.* not yet found or known
25. woolly ma\_\_\_\_\_h *adj.* exceedingly large or extensive; (noun) any of numerous extinct elephants widely distributed in the Pleistocene
26. American Ne\_\_o *n.* ("Negro" is now considered out of date and offensive) a term that was once used to refer to people of African descent, especially those living in the United States
27. s\_\_w social values *v.* to turn or place at an angle; to make biased or distorted with the result that it is not accurate, fair, normal, etc.
28. alkaline ca\_\_\_\_\_te *n.* a carbonic acid salt or ester that contains the anion CO<sub>3</sub>
29. pr\_\_\_\_\_le of treatment *n.* a fundamental law or truth that explains or controls how something happens or works
30. my friend's cha\_\_\_\_\_tic laugh *n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
31. con\_\_\_\_\_te with a disease *v.* to make something impure, unclean, or poisonous by contact or mixture

ANSWERS: 21. geologist, 22. astronaut, 23. evolve, 24. undiscovered, 25. mammoth, 26. Negro, 27. skew, 28. carbonate, 29. principle, 30. characteristic, 31. contaminate

32. a s\_\_t on his honor *n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
33. lo\_\_\_\_d crop *n.* low-lying country or region
34. the ab\_\_s of time *n.* a deep, dark, or seemingly bottomless chasm or void
35. cr\_\_t formation *n.* a hard outer layer that forms on the surface of a liquid as it cools or on a solid as a result of exposure to air or moisture
36. durable qu\_\_\_\_te *n.* a hard and compact metamorphic rock composed primarily of quartz, often used in construction and decorative applications
37. cr\_\_k an eggshell *v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking
38. an una\_\_\_\_\_ted genius *adj.* not adequately valued or acknowledged
39. sales rep\_\_\_\_\_ive *n.* someone who speaks or acts officially on behalf of another person or group of people
40. beauty s\_\_t *n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
41. en\_\_\_\_s possibilities *adj.* having no end or conclusion; infinitely very large in size or amount
42. a dr\_\_\_\_ic rescue at sea *adj.* very sudden, very excellent, or full of action and excitement

ANSWERS: 32. spot, 33. lowland, 34. abyss, 35. crust, 36. quartzite, 37. crack, 38. unappreciated, 39. representative, 40. spot, 41. endless, 42. dramatic

43. new di\_\_\_\_\_on *n.* a measurable extent of a particular kind, such as width, height, or length
44. the imp\_\_\_\_\_on of a word *n.* something that is inferred or indirectly stated; the act or fact of being involved in something
45. ro\_\_\_\_\_y speaking *adv.* approximately but not precisely; with a violent manner
46. water-so\_\_\_\_\_e vitamin *adj.* able to dissolve in a particular substance or solvent; able to be solved or settled
47. inf\_\_\_\_\_te the bloodstream *v.* to enter or penetrate a group, organization, or place covertly or secretly, usually with a specific purpose or goal in mind; to spread or diffuse through something gradually or subtly
48. ancient str\_\_\_\_\_ite *n.* a type of fossilized microbial mat formed by the growth and mineralization of cyanobacteria and other microorganisms, typically found in ancient sedimentary rocks and of great significance to the study of the Earth's early history and evolution
49. historical no\_\_\_l *n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before
50. la\_\_\_\_\_pe painting *n.* an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance
51. a reckless at\_\_\_\_\_t *n.* an act or effort of trying to do something, especially something difficult

ANSWERS: 43. dimension, 44. implication, 45. roughly, 46. soluble, 47. infiltrate, 48. stromatolite, 49. novel, 50. landscape, 51. attempt

52. re\_\_\_\_\_e a dispute *v.* to find a suitable answer to the problems or difficulty
53. basketball le\_\_\_\_d *n.* an old story that may or may not be accurate regarding some persons and events; a well-known person who is admired by others for a long time, particularly in a particular field
54. is\_\_\_\_\_on booth *n.* the condition of being alone or lonely; the act or state of separation between persons or groups
55. an insect sp\_\_y *n.* a fine mist of liquid that is dispersed into the air; flower arrangement consisting of a single branch or shoot bearing flowers and foliage
56. sup\_\_\_\_\_ent cycle *n.* a large landmass that is formed by the collision and merging of several smaller continents and which then eventually breaks apart again due to tectonic forces
57. a gas ch\_\_\_\_\_r *n.* a large room used for a formal, public, or particular purpose; one of the parts of a parliament
58. At\_\_\_\_\_ic breeze *adj.* relating to or located near the Atlantic Ocean, which is the second-largest ocean on Earth, located between the continents of North and South America to the west and Europe and Africa to the east
59. front f\_g lights *n.* a thick cloud consisting of tiny water droplets or ice crystals suspended in the air at or near the Earth's surface; a weather condition in which visibility is reduced because of a cloud of water

ANSWERS: 52. resolve, 53. legend, 54. isolation, 55. spray, 56. supercontinent, 57. chamber, 58. Atlantic, 59. fog

60. traditional me\_\_\_\_\_al *adj.* of or relating to the treatment or cure of disease
61. 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
62. en\_\_\_\_\_us potential *adj.* extremely large or great
63. v\_\_d of expression *n.* an empty space; a feeling of emptiness; (adjective) lacking any legal or binding force
64. heavy ra\_\_\_\_\_ll *n.* the amount of rain that falls in a specific location at a particular moment
65. get inc\_\_\_\_\_ly insecure *adv.* in a way that is very difficult to believe; exceedingly or extremely
66. a fence sur\_\_\_\_\_ng a castle *adj.* that is near or around, or closely encircling something
67. con\_\_\_\_\_ion of capitalism *n.* the assertion of the opposite of what has been said; opposition; denial
68. resident al\_\_ns *n.* a person who comes from a different country, race, or group; a form of life assumed to exist outside the Earth or its atmosphere
69. ev\_\_\_e *v.* to develop gradually, or to cause the development of something or someone gradually
70. the lower ch\_\_\_\_\_r *n.* a large room used for a formal, public, or particular purpose; one of the parts of a parliament

ANSWERS: 60. medicinal, 61. achieve, 62. enormous, 63. void, 64. rainfall, 65. incredibly, 66. surrounding, 67. contradiction, 68. alien, 69. evolve, 70. chamber

71. microbial str\_\_\_\_\_ite formation      *n.* a type of fossilized microbial mat formed by the growth and mineralization of cyanobacteria and other microorganisms, typically found in ancient sedimentary rocks and of great significance to the study of the Earth's early history and evolution
72. a ma\_\_\_\_\_h ship      *adj.* exceedingly large or extensive; (noun) any of numerous extinct elephants widely distributed in the Pleistocene
73. officially di\_\_\_\_\_ved the marriage      *v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
74. ex\_\_\_\_\_al commerce      *adj.* belonging to or situated outside of someone or something
75. ex\_\_\_\_\_al factors      *adj.* belonging to or situated outside of someone or something
76. di\_\_\_\_\_t a well-ordered condition      *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
77. su\_\_\_\_\_r dioxide      *n.* (also sulphur) a chemical element with the symbol S and atomic number 16, found in many minerals and sulfur compounds, often used in the production of fertilizers, rubber, paper, and other industrial applications
78. le\_\_\_\_d of King Arthur      *n.* an old story that may or may not be accurate regarding some persons and events; a well-known person who is admired by others for a long time, particularly in a particular field

ANSWERS: 71. stromatolite, 72. mammoth, 73. dissolve, 74. external, 75. external, 76. disrupt, 77. sulfur, 78. legend

79. l\_\_a flow *n.* molten rock that has been extruded from a volcano and solidified; a highly fluid, highly heated substance or material
80. calcium ph\_\_\_\_\_te *n.* a chemical compound made up of phosphorus (= a chemical element with the symbol P) and oxygen (= a chemical element with the symbol O), often used in fertilizers, detergents, and other industrial processes
81. me\_\_\_\_\_al chemistry *adj.* of or relating to the treatment or cure of disease
82. pathogenic ba\_\_\_\_\_ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
83. id\_\_\_\_\_fy handwriting *v.* to recognize someone or something and say or prove who or what they are
84. a c\_\_e to the diagnosis *n.* an object, a piece of evidence, or some information that helps someone to find the answer to a problem, question, or mystery
85. es\_\_\_\_\_te this chicken to weigh three pounds *v.* to guess or calculate the cost, size, value, etc. of something
86. une\_\_\_\_\_ed ideas *adj.* not yet examined, investigated, or studied; lacking in knowledge or information; unknown or undiscovered

ANSWERS: 79. lava, 80. phosphate, 81. medicinal, 82. bacteria, 83. identify, 84. clue, 85. estimate, 86. unexplored

87. the sh\_\_t of an arrow *n.* a long, narrow part or section of an arrow, hammer, golf club, etc.; a long, narrow passage consisting of the vertical part of a column
88. su\_\_\_\_\_e beforehand *v.* to think that something is likely to be actual or possible
89. ho\_\_\_\_\_wn memory *n.* the town or city where one was born or grew up
90. the halo of a sa\_\_\_d image *adj.* connected with religion or religious purposes; worthy of respect or dedication because of a connection with a god
91. collaborate with co\_\_\_\_\_ues *n.* one of a group of a coworker, especially in a profession or a business
92. es\_\_\_\_\_te a fair value *v.* to guess or calculate the cost, size, value, etc. of something
93. pho\_\_\_\_\_ph memories *n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
94. sp\_\_\_\_\_n exploration *adj.* relating to or characteristic of caves or their exploration, typically used in the context of spelunking or cave exploration
95. al\_\_n fungi *n.* a person who comes from a different country, race, or group; a form of life assumed to exist outside the Earth or its atmosphere

ANSWERS: 87. shaft, 88. suppose, 89. hometown, 90. sacred, 91. colleague, 92. estimate, 93. photograph, 94. spelean, 95. alien



96. the imp\_\_\_\_\_on in a crime *n.* something that is inferred or indirectly stated; the act or fact of being involved in something
97. his majestic pr\_\_\_\_\_ce *n.* the fact or state that someone or something exists, occurs, or is present
98. effects of vo\_\_\_\_\_ic eruptions *adj.* relating to or produced by or consisting of volcano
99. take a sn\_\_\_\_\_ot *n.* an informal photograph, especially one taken quickly
100. natural qu\_\_\_\_\_te *n.* a hard and compact metamorphic rock composed primarily of quartz, often used in construction and decorative applications
101. the earth's cr\_\_t *n.* a hard outer layer that forms on the surface of a liquid as it cools or on a solid as a result of exposure to air or moisture
102. pl\_\_\_\_t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
103. ex\_\_\_\_\_d to radiation *adj.* having no protection or shield from something, such as bad weather, attack, or criticism
104. 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
105. planetary ge\_\_\_\_\_st *n.* a scientist or specialist who studies geology

ANSWERS: 96. implication, 97. presence, 98. volcanic, 99. snapshot, 100. quartzite, 101. crust, 102. planet, 103. exposed, 104. structure, 105. geologist

106. former co\_\_\_\_\_ue *n.* one of a group of a coworker, especially in a profession or a business
107. dripping sta\_\_\_\_\_te *n.* a tapering, elongated mineral deposit that hangs from the roof of a cave, formed by the accumulation of mineral-rich water dripping from the ceiling
108. military fo\_\_\_\_\_ss *n.* a large and strongly built structure, typically with high walls and a moat, used as a military defense or for protection against attackers
109. una\_\_\_\_\_ted effort *adj.* not adequately valued or acknowledged
110. the re\_\_\_\_\_ic of art *n.* a state or country in which the people and their elected representatives hold supreme power and which has an elected or nominated president rather than a monarch
111. ca\_\_\_\_\_m deficiency *n.* a chemical element with the symbol Ca and atomic number 20, which is an important mineral for the human body
112. a cr\_\_k in a board *v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking
113. su\_\_\_\_r mine *n.* (also sulphur) a chemical element with the symbol S and atomic number 16, found in many minerals and sulfur compounds, often used in the production of fertilizers, rubber, paper, and other industrial applications

ANSWERS: 106. colleague, 107. stalactite, 108. fortress, 109. unappreciated, 110. republic, 111. calcium, 112. crack, 113. sulfur

114. economic ge\_\_\_\_\_hy *n.* a field of science devoted to the study of the lands, features, inhabitants, and phenomena of the Earth
115. an ab\_\_s of hopelessness *n.* a deep, dark, or seemingly bottomless chasm or void
116. in\_\_\_\_\_id personality *adj.* courageous and not afraid of danger or difficulties
117. co\_\_\_\_\_nt urinary diversion *n.* one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex
118. the at\_\_\_\_\_t to rescue the hostages *n.* an act or effort of trying to do something, especially something difficult
119. the country's is\_\_\_\_\_on *n.* the condition of being alone or lonely; the act or state of separation between persons or groups
120. the crosswise di\_\_\_\_\_on *n.* a measurable extent of a particular kind, such as width, height, or length
121. m\_r a proper relationship *v.* to damage or spoil the appearance or surface of something
122. keen per\_\_\_\_\_on *n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses
123. experimental min\_\_\_\_\_gy *n.* the scientific study of minerals, naturally occurring inorganic substances with homogeneous chemical composition and ordered internal structure that focuses on the identification, characterization, and classification of minerals

ANSWERS: 114. geography, 115. abyss, 116. intrepid, 117. continent, 118. attempt, 119. isolation, 120. dimension, 121. mar, 122. perception, 123. mineralogy

124. rose qu\_\_\_z *n.* a hard, mineral compound consisting of silicon dioxide, often occurring as colorless or white crystals but also found in various colors, and commonly used in jewelry and watches, as well as in the production of glass and other industrial applications
125. artificial cr\_\_\_\_re *n.* a living being, especially an animal
126. on a qu\_\_t for happiness *n.* a long or challenging search for something
127. re\_\_\_\_\_nt by a diagram *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
128. di\_\_\_\_\_e control *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
129. an\_\_l investors *n.* a spiritual being believed to be a messenger of God often depicted as having wings and a halo
130. the to\_\_r on a cliff *n.* a structure that is exceptionally high in proportion to its width and either forms part of a building or stands alone
131. suffer from ve\_\_\_\_\_o *n.* a feeling of dizziness or disorientation often caused by a disturbance in the inner ear; a sensation or feeling of being unsteady or losing one's balance
132. apparent con\_\_\_\_\_ion *n.* the assertion of the opposite of what has been said; opposition; denial

ANSWERS: 124. quartz, 125. creature, 126. quest, 127. represent, 128. disease, 129. angel, 130. tower, 131. vertigo, 132. contradiction

133. geological li\_\_\_\_\_gy *n.* the study of the physical and chemical properties of rocks and geological formations
134. water dr\_\_\_\_\_ge *n.* the process of draining or the condition of being drained; the natural or artificial removal of water from an area or a system, usually due to rainfall or melting snow
135. la\_\_\_\_\_y accepted *adv.* virtually entirely; to a large degree
136. ind\_\_\_\_\_us crop *adj.* someone or something that is native to or occurring naturally in a particular place
137. a bell to\_\_r *n.* a structure that is exceptionally high in proportion to its width and either forms part of a building or stands alone
138. in\_\_\_e criticism *v.* to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place
139. water co\_\_\_\_\_t *n.* a channel, pipe, or tube that is used to direct the flow of fluids or other material from one place to another; figuratively, a means of communication or channel for transmitting information, ideas, or concepts
140. am\_\_\_\_\_g advances *adj.* extremely surprising, especially in a way that you like or admire
141. si\_\_\_a gel *n.* a hard, brittle mineral that occurs as silicon dioxide in various forms such as quartz, opal, or flint, commonly used in various industrial applications, such as as an abrasive or filler

ANSWERS: 133. lithology, 134. drainage, 135. largely, 136. indigenous, 137. tower, 138. invite, 139. conduit, 140. amazing, 141. silica

142. id\_\_\_\_fy gene sequences      *v.* to recognize someone or something and say or prove who or what they are
143. fo\_\_\_\_ss wall      *n.* a large and strongly built structure, typically with high walls and a moat, used as a military defense or for protection against attackers
144. cr\_\_\_\_re of habit      *n.* a living being, especially an animal
145. a polar exp\_\_\_\_on      *n.* a journey or voyage for a specific purpose
146. sys\_\_\_\_ic botany      *adj.* done or acting according to a determined set of systems or plans:
147. la\_\_\_\_y mitigate the issue      *adv.* virtually entirely; to a large degree
148. Ne\_\_o literature      *n.* ("Negro" is now considered out of date and offensive) a term that was once used to refer to people of African descent, especially those living in the United States
149. co\_\_\_\_al swimming pool      *adj.* belonging to or used by a group rather than individuals; for common use
150. fallen an\_\_l      *n.* a spiritual being believed to be a messenger of God often depicted as having wings and a halo
151. an ex\_\_\_\_d rock      *adj.* having no protection or shield from something, such as bad weather, attack, or criticism
152. pho\_\_\_\_ph album      *n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film

ANSWERS: 142. identify, 143. fortress, 144. creature, 145. expedition, 146. systematic, 147. largely, 148. Negro, 149. communal, 150. angel, 151. exposed, 152. photograph

153. a sand p\_\_e *n.* a collection of objects positioned one on top of another; a large sum of something, such as money
154. ion of ca\_\_\_\_m *n.* a chemical element with the symbol Ca and atomic number 20, which is an important mineral for the human body
155. v\_\_d contract *n.* an empty space; a feeling of emptiness; (adjective) lacking any legal or binding force
156. the ba\_\_n of the Great Salt Lake *n.* a natural depression or valley that is circular or oval on the surface of the earth, especially one that has water in it; a container with a bowl form that is typically used to hold food or liquids
157. ge\_\_\_\_hy class *n.* a field of science devoted to the study of the lands, features, inhabitants, and phenomena of the Earth
158. en\_\_\_\_s hours *adj.* having no end or conclusion; infinitely very large in size or amount
159. imp\_\_\_\_le self-confidence *adj.* impossible to enter, capture, or defeat; difficult to argue against or resist
160. m\_r the reputation *v.* to damage or spoil the appearance or surface of something
161. no\_\_l effect *n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before
162. molten l\_\_a *n.* molten rock that has been extruded from a volcano and solidified; a highly fluid, highly heated substance or material

ANSWERS: 153. pile, 154. calcium, 155. void, 156. basin, 157. geography, 158. endless, 159. impregnable, 160. mar, 161. novel, 162. lava

163. domiciliary c\_\_es *n.* a large hole in the side of a hill, cliff, mountain, or under the ground
164. a sp\_\_y of mist *n.* a fine mist of liquid that is dispersed into the air; flower arrangement consisting of a single branch or shoot bearing flowers and foliage
165. hel\_\_\_\_\_er ride *n.* a type of aircraft that is capable of hovering in place and moving vertically, as well as flying horizontally; often used for emergency medical services, military operations, and transport in areas with limited access
166. li\_\_\_\_\_ne pavement *n.* a sedimentary rock that is composed mainly of calcium carbonate, which is the mineral calcite
167. the qu\_\_t for truth *n.* a long or challenging search for something
168. lava sta\_\_\_\_\_te *n.* a tapering, elongated mineral deposit that hangs from the roof of a cave, formed by the accumulation of mineral-rich water dripping from the ceiling
169. a co\_\_\_y of bacteria *n.* a country or an area that is governed by a more powerful country that is often far away
170. a c\_\_e about the crime *n.* an object, a piece of evidence, or some information that helps someone to find the answer to a problem, question, or mystery
171. police hel\_\_\_\_\_er *n.* a type of aircraft that is capable of hovering in place and moving vertically, as well as flying horizontally; often used for emergency medical services, military operations, and transport in areas with limited access

ANSWERS: 163. cave, 164. spray, 165. helicopter, 166. limestone, 167. quest, 168. stalactite, 169. colony, 170. clue, 171. helicopter



172. mo\_\_\_\_r film *n.* an imaginary creature that is large and has various human and animal parts; someone or something large and powerful
173. in an imp\_\_\_\_\_le position *adj.* impossible to enter, capture, or defeat; difficult to argue against or resist
174. save the pl\_\_\_\_t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
175. the de\_\_h of the water *n.* the distance between the top and bottom of something; between the top surface and a distance below it
176. mu\_\_\_\_\_om spores *n.* a type of fungus that grows on dead or decaying organic matter and typically has a stalk and an umbrella-shaped cap
177. an official rep\_\_\_\_\_ive *n.* someone who speaks or acts officially on behalf of another person or group of people
178. a pine cr\_\_\_\_t *n.* leaping insect; a game played with a ball and bat by two teams of eleven players
179. qu\_\_\_z rock *n.* a hard, mineral compound consisting of silicon dioxide, often occurring as colorless or white crystals but also found in various colors, and commonly used in jewelry and watches, as well as in the production of glass and other industrial applications
180. en\_\_\_\_t the audience *v.* to cast a spell on; to fascinate or charm someone

ANSWERS: 172. monster, 173. impregnable, 174. planet, 175. depth, 176. mushroom, 177. representative, 178. cricket, 179. quartz, 180. enchant

181. environmental ind\_\_\_\_\_on *n.* a sign or remark that something exists, is real, or is likely to occur
182. so\_\_\_\_\_e fiber *adj.* able to dissolve in a particular substance or solvent; able to be solved or settled
183. pl\_\_\_\_\_u region *n.* an elevated, relatively level expanse of land, typically vast and extending over a large area; a state or period of little or no change following a period of growth, development, or progress
184. an op\_\_\_\_\_ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
185. or\_\_\_\_\_n of information *n.* the first existence or beginning of something
186. ind\_\_\_\_\_on of inflation *n.* a sign or remark that something exists, is real, or is likely to occur
187. a picture fr\_\_e *n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
188. sp\_\_\_\_\_ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
189. ready to co\_\_\_\_\_se *v.* to fall down or give way suddenly, often after breaking apart
190. se\_\_\_\_\_te cream from milk *v.* to force, take, or pull apart; mark as different
191. si\_\_\_\_a fiber *n.* a hard, brittle mineral that occurs as silicon dioxide in various forms such as quartz, opal, or flint, commonly used in various industrial applications, such as as an abrasive or filler

ANSWERS: 181. indication, 182. soluble, 183. plateau, 184. opportune, 185. origin, 186. indication, 187. frame, 188. specific, 189. collapse, 190. separate, 191. silica

192. sl\_\_e a card across the table      *v.* to move or cause to move smoothly along a surface without interruption
193. the di\_\_\_\_\_ty policy of the university      *n.* the quality or fact of many different types of things or people being included in something; a range of different things or people
194. in\_\_\_\_\_e him to write a novel      *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
195. inc\_\_\_\_\_le amount      *adj.* unbelievable; enormous
196. min\_\_\_\_\_gy research      *n.* the scientific study of minerals, naturally occurring inorganic substances with homogeneous chemical composition and ordered internal structure that focuses on the identification, characterization, and classification of minerals
197. op\_\_\_\_\_ne occasion      *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
198. re\_\_\_\_\_e the computer error      *v.* to find a suitable answer to the problems or difficulty
199. pr\_\_\_\_\_ol breach      *n.* a set of rules or procedures for transmitting data or conducting a process or activity, especially in computer networks or scientific experiments; the initial or original version of an agreement
200. su\_\_\_\_\_e you're right      *v.* to think that something is likely to be actual or possible

ANSWERS: 192. slide, 193. diversity, 194. inspire, 195. incredible, 196. mineralogy, 197. opportune, 198. resolve, 199. protocol, 200. suppose

201. freedom of re\_\_\_\_\_on *n.* a deep conviction in a supernatural power that controls human destiny
202. gl\_\_\_\_\_r retreat *n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
203. the evidence of the pr\_\_\_\_\_ce *n.* the fact or state that someone or something exists, occurs, or is present
204. pr\_\_\_\_\_le in business *n.* a fundamental law or truth that explains or controls how something happens or works
205. in\_\_\_\_\_id travelers *adj.* courageous and not afraid of danger or difficulties
206. a wa\_\_\_\_\_ll with a fall of ten feet *n.* a point in a river or stream where water falls from a high place, for example, over a cliff or rock
207. mi\_\_\_\_\_l rights *n.* a solid inorganic substance occurring in nature having a definite chemical composition
208. harmless ba\_\_\_\_\_ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
209. sc\_\_\_\_d all the time *adj.* afraid or frightened
210. sodium ph\_\_\_\_\_te *n.* a chemical compound made up of phosphorus (= a chemical element with the symbol P) and oxygen (= a chemical element with the symbol O), often used in fertilizers, detergents, and other industrial processes

ANSWERS: 201. religion, 202. glacier, 203. presence, 204. principle, 205. intrepid, 206. waterfall, 207. mineral, 208. bacteria, 209. scared, 210. phosphate

211. the mean annual ra\_\_\_\_\_ll  
*n.* the amount of rain that falls in a specific location at a particular moment
212. lo\_\_\_\_\_d swamp  
*n.* low-lying country or region
213. vitamin and mi\_\_\_\_\_ls  
*n.* a solid inorganic substance occurring in nature having a definite chemical composition
214. mi\_\_\_\_\_es sterilizer  
*n.* a tiny living thing that can only be seen with a microscope and that may cause disease
215. stripes cha\_\_\_\_\_tic of the zebra  
*n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
216. sa\_\_\_\_\_d music  
*adj.* connected with religion or religious purposes; worthy of respect or dedication because of a connection with a god
217. a peaceful la\_\_\_\_\_pe  
*n.* an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance
218. mu\_\_\_\_\_om cultivation  
*n.* a type of fungus that grows on dead or decaying organic matter and typically has a stalk and an umbrella-shaped cap
219. in\_\_\_\_\_e guests  
*v.* to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place
220. se\_\_\_\_\_te video into chapter  
*v.* to force, take, or pull apart; mark as different
221. scenic wa\_\_\_\_\_ll  
*n.* a point in a river or stream where water falls from a high place, for example, over a cliff or rock

ANSWERS: 211. rainfall, 212. lowland, 213. mineral, 214. microbe, 215. characteristic, 216. sacred, 217. landscape, 218. mushroom, 219. invite, 220. separate, 221. waterfall

222. h\_\_t of trouble *n.* an indirect suggestion; a slight but appreciable amount of something
223. horde of mo\_\_\_\_rs *n.* an imaginary creature that is large and has various human and animal parts; someone or something large and powerful
224. sp\_\_\_\_n cave system *adj.* relating to or characteristic of caves or their exploration, typically used in the context of spelunking or cave exploration
225. en\_\_\_\_us amount *adj.* extremely large or great
226. sheer li\_\_\_\_ne cliffs *n.* a sedimentary rock that is composed mainly of calcium carbonate, which is the mineral calcite
227. di\_\_\_\_ve the sugar *v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
228. chaotic env\_\_\_\_nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
229. ro\_\_\_\_y explain my idea *adv.* approximately but not precisely; with a violent manner
230. 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
231. gl\_\_\_\_rs move tardily *n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
232. su\_\_\_\_nd a town *v.* to be all around something or somebody

ANSWERS: 222. hint, 223. monster, 224. spelean, 225. enormous, 226. limestone, 227. dissolve, 228. environment, 229. roughly, 230. atmosphere, 231. glacier, 232. surround

233. the most am\_\_\_\_\_g feeling      *adj.* extremely surprising, especially in a way that you like or admire
234. tu\_\_\_\_l construction work      *n.* an underground or underwater passage, typically for trains or cars
235. front drive sh\_\_t      *n.* a long, narrow part or section of an arrow, hammer, golf club, etc.; a long, narrow passage consisting of the vertical part of a column
236. une\_\_\_\_\_ed cave      *adj.* not yet examined, investigated, or studied; lacking in knowledge or information; unknown or undiscovered
237. re\_\_\_\_\_on of inclusion      *n.* the way two persons or groups of people feel and act toward one another
238. di\_\_\_\_\_t sleep      *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
239. pathogenic mi\_\_\_\_\_e      *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
240. blocked dr\_\_\_\_\_ge      *n.* the process of draining or the condition of being drained; the natural or artificial removal of water from an area or a system, usually due to rainfall or melting snow
241. sodium ca\_\_\_\_\_te      *n.* a carbonic acid salt or ester that contains the anion CO<sub>3</sub>
242. re\_\_\_\_\_le each other      *v.* to look like or be similar to someone or something

ANSWERS: 233. amazing, 234. tunnel, 235. shaft, 236. unexplored, 237. relation, 238. disrupt, 239. microbe, 240. drainage, 241. carbonate, 242. resemble

243. At\_\_\_\_\_ic salmon *adj.* relating to or located near the Atlantic Ocean, which is the second-largest ocean on Earth, located between the continents of North and South America to the west and Europe and Africa to the east
244. the pa\_\_\_\_\_x of the heap *n.* a statement, situation, or person that has two opposite facts or features and therefore seems impossible, is difficult to understand, or is strange;
245. cr\_\_\_\_\_t match *n.* leaping insect; a game played with a ball and bat by two teams of eleven players
246. make dr\_\_\_\_\_ic changes *adj.* very sudden, very excellent, or full of action and excitement
247. di\_\_\_\_\_ur fossil *n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
248. per\_\_\_\_\_on of a stimulus *n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses
249. the characters that re\_\_\_\_\_nt numbers *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
250. 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

ANSWERS: 243. Atlantic, 244. paradox, 245. cricket, 246. dramatic, 247. dinosaur, 248. perception, 249. represent, 250. achieve



251. a GPS sa\_\_\_\_\_te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
252. en\_\_\_\_\_t the crowd *v.* to cast a spell on; to fascinate or charm someone
253. cell and molecular bi\_\_\_\_\_y *n.* the scientific study of life and the natural processes of living things
254. lava bo\_\_\_\_\_r *n.* a large, smooth rock, typically one that has been worn away from a cliff or mountain by erosion
255. und\_\_\_\_\_nd activist *adj.* under the surface of the ground; a secret group organized to achieve a specific purpose, such as overthrowing the government or occupying a force
256. the stock market co\_\_\_\_\_sed *v.* to fall down or give way suddenly, often after breaking apart
257. a cl\_\_\_\_\_c experiment *adj.* judged or deserving to be regarded as one of the best or most important of its kind over a period of time; of a well-known type
258. increase in vo\_\_\_\_\_ic activity *adj.* relating to or produced by or consisting of volcano
259. 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
260. water flowing und\_\_\_\_\_nd *adj.* under the surface of the ground; a secret group organized to achieve a specific purpose, such as overthrowing the government or occupying a force

ANSWERS: 251. satellite, 252. enchant, 253. biology, 254. boulder, 255. underground, 256. collapse, 257. classic, 258. volcanic, 259. structure, 260. underground

261. sl\_\_e a glance *v.* to move or cause to move smoothly along a surface without interruption
262. the mouth of the c\_\_e *n.* a large hole in the side of a hill, cliff, mountain, or under the ground
263. tu\_\_\_l disease *n.* an underground or underwater passage, typically for trains or cars
264. co\_\_\_\_\_al combination of funds *adj.* belonging to or used by a group rather than individuals; for common use
265. electrical co\_\_\_\_\_t *n.* a channel, pipe, or tube that is used to direct the flow of fluids or other material from one place to another; figuratively, a means of communication or channel for transmitting information, ideas, or concepts
266. ve\_\_\_\_\_o symptoms *n.* a feeling of dizziness or disorientation often caused by a disturbance in the inner ear; a sensation or feeling of being unsteady or losing one's balance
267. ho\_\_\_\_\_wn celebrity *n.* the town or city where one was born or grew up
268. the great di\_\_\_\_\_ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
269. critical m\_\_s *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
270. ve\_\_\_\_\_al takeoff *adj.* upright or perpendicular to a horizontal surface or line

ANSWERS: 261. slide, 262. cave, 263. tunnel, 264. communal, 265. conduit, 266. vertigo, 267. hometown, 268. discovery, 269. mass, 270. vertical

271. developed sn\_\_\_\_ot *n.* an informal photograph, especially one taken quickly
272. at inc\_\_\_\_le speed *adj.* unbelievable; enormous
273. ve\_\_\_\_al axis *adj.* upright or perpendicular to a horizontal surface or line
274. sc\_\_\_\_t prototype *v.* to create a work of art by carving, casting, or other shaping techniques
275. the fr\_\_e of the policy *n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
276. draft a pr\_\_\_\_ol *n.* a set of rules or procedures for transmitting data or conducting a process or activity, especially in computer networks or scientific experiments; the initial or original version of an agreement
277. a stone wall su\_\_\_\_nds the palace *v.* to be all around something or somebody
278. plant a co\_\_\_\_y *n.* a country or an area that is governed by a more powerful country that is often far away
279. a m\_\_s of molten rock *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
280. lingual di\_\_\_\_ty *n.* the quality or fact of many different types of things or people being included in something; a range of different things or people

ANSWERS: 271. snapshot, 272. incredible, 273. vertical, 274. sculpt, 275. frame, 276. protocol, 277. surround, 278. colony, 279. mass, 280. diversity

281. the inland of a co\_\_\_\_\_nt      *n.* one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex
282. in\_\_\_\_\_e a feeling of curiosity      *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
283. the height of a p\_\_e      *n.* a collection of objects positioned one on top of another; a large sum of something, such as money
284. a sys\_\_\_\_\_ic reformation      *adj.* done or acting according to a determined set of systems or plans:
285. Chinese cl\_\_\_\_\_c literature      *adj.* judged or deserving to be regarded as one of the best or most important of its kind over a period of time; of a well-known type
286. sc\_\_\_\_d dog      *adj.* afraid or frightened
287. industry-sp\_\_\_\_\_ic regulations      *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
288. pl\_\_\_\_\_u in performance      *n.* an elevated, relatively level expanse of land, typically vast and extending over a large area; a state or period of little or no change following a period of growth, development, or progress
289. bo\_\_\_\_\_r field      *n.* a large, smooth rock, typically one that has been worn away from a cliff or mountain by erosion
290. human ev\_\_\_\_\_on      *n.* a gradual process of transformation of living things

ANSWERS: 281. continent, 282. inspire, 283. pile, 284. systematic, 285. classic, 286. scared, 287. specific, 288. plateau, 289. boulder, 290. evolution

291. as\_\_\_\_\_ut in training *n.* a person trained by a space agency to travel outside the Earth's atmosphere
292. helpful h\_\_ts *n.* an indirect suggestion; a slight but appreciable amount of something
293. s\_\_w the message *v.* to turn or place at an angle; to make biased or distorted with the result that it is not accurate, fair, normal, etc.
294. sur\_\_\_\_\_ng areas *adj.* that is near or around, or closely encircling something
295. re\_\_\_\_\_ic democracy *n.* a state or country in which the people and their elected representatives hold supreme power and which has an elected or nominated president rather than a monarch
296. a scientific di\_\_\_\_\_ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
297. French pa\_\_\_\_\_x *n.* a statement, situation, or person that has two opposite facts or features and therefore seems impossible, is difficult to understand, or is strange;
298. up\_\_\_t my spirit *n.* the process of raising land to a higher elevation, or the result of this process; (verb) fill with high spirits
299. inc\_\_\_\_\_ly cheerful character *adv.* in a way that is very difficult to believe; exceedingly or extremely
300. sup\_\_\_\_\_ent formation *n.* a large landmass that is formed by the collision and merging of several smaller continents and which then eventually breaks apart again due to tectonic forces

ANSWERS: 291. astronaut, 292. hint, 293. skew, 294. surrounding, 295. republic, 296. discovery, 297. paradox, 298. uplift, 299. incredibly, 300. supercontinent

- |                         |           |  |
|-------------------------|-----------|--|
| 301. inland ba__n       | <i>n.</i> | a natural depression or valley that is circular or oval on the surface of the earth, especially one that has water in it; a container with a bowl form that is typically used to hold food or liquids  |
| 302. ev_____on theory   | <i>n.</i> | a gradual process of transformation of living things   |
| 303. paleo-li_____gy    | <i>n.</i> | the study of the physical and chemical properties of rocks and geological formations   |
| 304. limestone ka__t    | <i>n.</i> | a landscape or terrain characterized by underground drainage systems, sinkholes, caves, and the dissolution of limestone or other soluble rocks, which regions often have unique hydrological features due to the dissolution of rock layers |
| 305. con_____te his ego | <i>v.</i> | to make something impure, unclean, or poisonous by contact or mixture  |
| 306. subterranean ka__t | <i>n.</i> | a landscape or terrain characterized by underground drainage systems, sinkholes, caves, and the dissolution of limestone or other soluble rocks, which regions often have unique hydrological features due to the dissolution of rock layers |

ANSWERS: 301. basin, 302. evolution, 303. lithology, 304. karst, 305. contaminate, 306. karst

## Session 3: Fill in the Blanks

1. In junior high school, we had to dissect a frog in \_\_\_\_\_ class.  
*n.* the scientific study of life and the natural processes of living things
2. He is a man admired for the depth of his \_\_\_\_\_.  
*n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses
3. The volcano's eruption caused a \_\_\_\_\_ river to flow down the mountainside.  
*n.* molten rock that has been extruded from a volcano and solidified; a highly fluid, highly heated substance or material
4. The artist used a \_\_\_\_\_ paint can to create a graffiti mural on the wall.  
*n.* a fine mist of liquid that is dispersed into the air; flower arrangement consisting of a single branch or shoot bearing flowers and foliage
5. The rescue team rushed into the mine \_\_\_\_\_.  
*n.* a long, narrow part or section of an arrow, hammer, golf club, etc.; a long, narrow passage consisting of the vertical part of a column
6. Mercury is the closest \_\_\_\_\_ to the sun.  
*n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
7. The surgeon made an incision in the \_\_\_\_\_ of the patient's heart.  
*n.* a large room used for a formal, public, or particular purpose; one of the parts of a parliament

ANSWERS: 1. biology, 2. perception, 3. lava, 4. spray, 5. shaft, 6. planet, 7. chambers

8. The \_\_\_\_\_ of the ice age have shaped Fjord.  
*n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
9. The jungle is full of \_\_\_\_\_ species waiting to be found.  
*adj.* not yet found or known
10. There was no \_\_\_\_\_ of a problem.  
*n.* an indirect suggestion; a slight but appreciable amount of something
11. The ladder leaned against the \_\_\_\_\_ surface of the building.  
*adj.* upright or perpendicular to a horizontal surface or line
12. There are many theories to explain this \_\_\_\_\_.  
*n.* a statement, situation, or person that has two opposite facts or features and therefore seems impossible, is difficult to understand, or is strange;
13. The spy was able to \_\_\_\_\_ the enemy's headquarters undetected.  
*v.* to enter or penetrate a group, organization, or place covertly or secretly, usually with a specific purpose or goal in mind; to spread or diffuse through something gradually or subtly
14. There are many \_\_\_\_\_ regions of the ocean that scientists hope to study soon.  
*adj.* not yet examined, investigated, or studied; lacking in knowledge or information; unknown or undiscovered
15. His argument was so well-reasoned that it seemed almost \_\_\_\_\_.  
*adj.* impossible to enter, capture, or defeat; difficult to argue against or resist

ANSWERS: 8. glaciers, 9. undiscovered, 10. hint, 11. vertical, 12. paradox, 13. infiltrate, 14. unexplored, 15. impregnable



16. \_\_\_\_\_ species have drastically altered the ecosystem in this area.
- n.* a person who comes from a different country, race, or group; a form of life assumed to exist outside the Earth or its atmosphere
17. Their \_\_\_\_\_ strictly prohibits them from drinking or gambling.
- n.* a deep conviction in a supernatural power that controls human destiny
18. Bats reside in sheltered \_\_\_\_\_.
- n.* a large hole in the side of a hill, cliff, mountain, or under the ground
19. X-ray inspection revealed many \_\_\_\_\_.
- n.* the breaking or cracking of a rigid material or object such as bone
20. The industrial \_\_\_\_\_ laws were passed with little to no alteration.
- n.* the way two persons or groups of people feel and act toward one another
21. The crystal pendant was made of clear \_\_\_\_\_.
- n.* a hard, mineral compound consisting of silicon dioxide, often occurring as colorless or white crystals but also found in various colors, and commonly used in jewelry and watches, as well as in the production of glass and other industrial applications
22. Many of the lakes and marshes in the \_\_\_\_\_ are mildly salty.
- n.* a natural depression or valley that is circular or oval on the surface of the earth, especially one that has water in it; a container with a bowl form that is typically used to hold food or liquids
23. Eyeless fish \_\_\_\_\_ in dark caves.
- v.* to develop gradually, or to cause the development of something or someone gradually

ANSWERS: 16. Alien, 17. religion, 18. caves, 19. fractures, 20. relations, 21. quartz, 22. basin, 23. evolved

24. His poem has a very significant \_\_\_\_\_.

*n.* something that is inferred or indirectly stated; the act or fact of being involved in something

25. Science is based on the \_\_\_\_\_ classification of experience.

*adj.* done or acting according to a determined set of systems or plans:

26. The explosive chemical reaction does not occur in all sodium \_\_\_\_\_.

*n.* a carbonic acid salt or ester that contains the anion CO<sub>3</sub>

27. The hiking trail led through a beautiful valley of \_\_\_\_\_ formations.

*n.* a hard and compact metamorphic rock composed primarily of quartz, often used in construction and decorative applications

28. The political party \_\_\_\_\_ after much internal fighting.

*v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss

29. She felt \_\_\_\_\_ for all the hard work she had put in.

*adj.* not adequately valued or acknowledged

30. This car has a \_\_\_\_\_ engine.

*n.* an imaginary creature that is large and has various human and animal parts; someone or something large and powerful

31. Her response revealed \_\_\_\_\_ idiocy.

*adj.* unbelievable; enormous

32. The ancient \_\_\_\_\_ was built on a hill to give the defenders a strategic advantage.

*n.* a large and strongly built structure, typically with high walls and a moat, used as a military defense or for protection against attackers

ANSWERS: 24. implication, 25. systematic, 26. carbonate, 27. quartzite, 28. dissolved, 29. unappreciated, 30. monster, 31. incredible, 32. fortress

33. These plants thrive in hot climates with abundant \_\_\_\_\_.
- n.* the amount of rain that falls in a specific location at a particular moment
34. The Great Pyramid of Giza was built using blocks of \_\_\_\_\_.
- n.* a sedimentary rock that is composed mainly of calcium carbonate, which is the mineral calcite
35. I will introduce you to how to \_\_\_\_\_ the leading causes of the malfunction.
- v.* to recognize someone or something and say or prove who or what they are
36. We want to \_\_\_\_\_ you to our annual charity event.
- v.* to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place
37. The sugar is \_\_\_\_\_ in hot water and dissolves easily.
- adj.* able to dissolve in a particular substance or solvent; able to be solved or settled
38. The deep sea is an \_\_\_\_\_ of mystery and discovery.
- n.* a deep, dark, or seemingly bottomless chasm or void
39. The golfer recorded an \_\_\_\_\_ distance.
- adj.* extremely surprising, especially in a way that you like or admire
40. I'm so sorry to \_\_\_\_\_ you when you're pretty busy.
- v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
41. The \_\_\_\_\_ to the Amazon jungle was both exciting and challenging.
- n.* a journey or voyage for a specific purpose

ANSWERS: 33. rainfall, 34. limestone, 35. identify, 36. invite, 37. soluble, 38. abyss, 39. amazing, 40. disrupt, 41. expedition

42. 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
43. The fairy's spell \_\_\_\_\_ the prince, making him fall asleep for 100 years.  
*v.* to cast a spell on; to fascinate or charm someone
44. If necessary, you can \_\_\_\_\_ the front seats forward.  
*v.* to move or cause to move smoothly along a surface without interruption
45. The United States is a federal presidential constitutional \_\_\_\_\_.  
*n.* a state or country in which the people and their elected representatives hold supreme power and which has an elected or nominated president rather than a monarch
46. This study indicates \_\_\_\_\_ activity affects global warming.  
*adj.* relating to or produced by or consisting of volcano
47. Five miles is \_\_\_\_\_ similar to eight kilometers.  
*adv.* approximately but not precisely; with a violent manner
48. 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
49. His statement was filled with \_\_\_\_\_ that made it difficult to take seriously.  
*n.* the assertion of the opposite of what has been said; opposition; denial

ANSWERS: 42. structure, 43. enchanted, 44. slide, 45. republic, 46. volcanic, 47. roughly, 48. astronaut, 49. contradictions

50. I decided to seek counseling on the advice of my \_\_\_\_\_.
- n.* one of a group of a coworker, especially in a profession or a business
51. As she lay on her deathbed, a bright light appeared, and she saw a holy \_\_\_\_\_ standing at the foot of her bed.
- n.* a spiritual being believed to be a messenger of God often depicted as having wings and a halo
52. The \_\_\_\_\_ adventurer explored deep into the dark cave systems.
- adj.* relating to or characteristic of caves or their exploration, typically used in the context of spelunking or cave exploration
53. The \_\_\_\_\_ declared its independence and became a republic.
- n.* a country or an area that is governed by a more powerful country that is often far away
54. \_\_\_\_\_ prevalent in hospitals are often resistant to antibiotics.
- n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
55. The patient was prescribed a \_\_\_\_\_ supplement to help prevent osteoporosis.
- n.* a chemical element with the symbol Ca and atomic number 20, which is an important mineral for the human body
56. \_\_\_\_\_ elections were held in several European countries.
- adj.* belonging to or used by a group rather than individuals; for common use
57. The scratches on the car \_\_\_\_\_ its otherwise perfect appearance.
- v.* to damage or spoil the appearance or surface of something

ANSWERS: 50. colleague, 51. angel, 52. spelean, 53. colony, 54. Bacteria, 55. calcium, 56. Communal, 57. marred

58. His interest in the \_\_\_\_\_ of gemstones led him to become a well-respected gemologist.

- n.* the scientific study of minerals, naturally occurring inorganic substances with homogeneous chemical composition and ordered internal structure that focuses on the identification, characterization, and classification of minerals

59. The \_\_\_\_\_ has largely gotten positive feedback.

- n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before

60. Through a process known as plate tectonics, \_\_\_\_\_ have formed and broken apart multiple times over Earth's history.

- n.* a large landmass that is formed by the collision and merging of several smaller continents and which then eventually breaks apart again due to tectonic forces

61. The roof finally \_\_\_\_\_ after three days and three nights of heavy snowfall.

- v.* to fall down or give way suddenly, often after breaking apart

62. The path to a solid online \_\_\_\_\_ necessitates a high technical ability.

- n.* the fact or state that someone or something exists, occurs, or is present

63. The media \_\_\_\_\_ had special passes.

- n.* someone who speaks or acts officially on behalf of another person or group of people

64. I always look forward to going back to my \_\_\_\_\_ during the holidays.

- n.* the town or city where one was born or grew up

65. Shakespeare's output of poetry was \_\_\_\_\_.

- adj.* extremely large or great

ANSWERS: 58. mineralogy, 59. novel, 60. supercontinents, 61. collapsed, 62. presence, 63. representatives, 64. hometown, 65. enormous

66. The pond's \_\_\_\_\_ was around five feet.

- n.* the distance between the top and bottom of something; between the top surface and a distance below it

67. The \_\_\_\_\_ of people who do not own property is politically impotent.

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

68. On three sides, mountains \_\_\_\_\_ the settlement.

- v.* to be all around something or somebody

69. The hikers finally reached the \_\_\_\_\_ after a long climb up the mountain.

- n.* an elevated, relatively level expanse of land, typically vast and extending over a large area; a state or period of little or no change following a period of growth, development, or progress

70. That incident led to his \_\_\_\_\_.

- n.* the condition of being alone or lonely; the act or state of separation between persons or groups

71. I found an old \_\_\_\_\_ of my grandparents from their wedding day.

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

72. Every human is responsible for taking care of the Earth's \_\_\_\_\_.

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

73. The hikers had to climb over a \_\_\_\_\_ that was blocking their path.

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

ANSWERS: 66. depth, 67. mass, 68. surround, 69. plateau, 70. isolation, 71. photograph, 72. environment, 73. boulder

74. Faces are a good \_\_\_\_\_ of age.

*n.* a sign or remark that something exists, is real, or is likely to occur

75. The discovery of a new \_\_\_\_\_ species made headlines in the scientific community.

*n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin

76. The detective looked for fingerprints on the window \_\_\_\_\_.

*n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window

77. He that would eat the kernel must \_\_\_\_\_ the nut.

*v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking

78. The unique style of this martial arts \_\_\_\_\_ many action film producers.

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

79. The deep sea \_\_\_\_\_ was unlike anything the scientists had ever seen before.

*n.* a living being, especially an animal

80. When a company discloses information to the market, an \_\_\_\_\_ auditor verifies them.

*adj.* belonging to or situated outside of someone or something

81. The \_\_\_\_\_ in her heart was filled with the love of her family.

*n.* an empty space; a feeling of emptiness; (adjective) lacking any legal or binding force

ANSWERS: 74. indication, 75. dinosaur, 76. frame, 77. crack, 78. inspired, 79. creature, 80. external, 81. void



82. Tech companies often employ \_\_\_\_\_ ducts and other materials in their office interiors.

*adj.* having no protection or shield from something, such as bad weather, attack, or criticism

83. After the party, they had to clean up \_\_\_\_\_ of dirty dishes.

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

84. That adventurer traveled in \_\_\_\_\_ of buried treasure.

*n.* a long or challenging search for something

85. Launching an artificial \_\_\_\_\_ contributed to the technological development of our country.

*n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.

86. He looked out the window at the \_\_\_\_\_ stream of people.

*adj.* having no end or conclusion; infinitely very large in size or amount

87. The results of the poll are \_\_\_\_\_ because it only surveyed a small group of people.

*v.* to turn or place at an angle; to make biased or distorted with the result that it is not accurate, fair, normal, etc.

88. The \_\_\_\_\_ mountains make the city difficult to be invaded.

*adj.* that is near or around, or closely encircling something

89. The statement had a \_\_\_\_\_ impact on house prices.

*adj.* very sudden, very excellent, or full of action and excitement

ANSWERS: 82. exposed, 83. piles, 84. quest, 85. satellite, 86. endless, 87. skewed, 88. surrounding, 89. dramatic

90. The \_\_\_\_\_ properties of this herb have been known to help with various ailments.

*adj.* of or relating to the treatment or cure of disease

91. The \_\_\_\_\_ emissions from the nearby factory caused the rotten egg smell.

*n.* (also sulphur) a chemical element with the symbol S and atomic number 16, found in many minerals and sulfur compounds, often used in the production of fertilizers, rubber, paper, and other industrial applications

92. The \_\_\_\_ cleared away, and the star-filled sky appeared.

*n.* a thick cloud consisting of tiny water droplets or ice crystals suspended in the air at or near the Earth's surface; a weather condition in which visibility is reduced because of a cloud of water

93. We elected him to \_\_\_\_\_ us at the international conference.

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

94. Her research team made an important \_\_\_\_\_.

*n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

95. The \_\_\_\_\_ formations in the cave were truly breathtaking.

*n.* a tapering, elongated mineral deposit that hangs from the roof of a cave, formed by the accumulation of mineral-rich water dripping from the ceiling

96. This company \_\_\_\_\_ its battery problem completely.

*v.* to find a suitable answer to the problems or difficulty

97. They study the \_\_\_\_\_ of the universe.

*n.* a gradual process of transformation of living things

ANSWERS: 90. medicinal, 91. sulfur, 92. fog, 93. represent, 94. discovery, 95. stalactite, 96. resolves, 97. evolution

98. The minister decided to review its \_\_\_\_\_ public works projects.

*adj.* exceedingly large or extensive; (noun) any of numerous extinct elephants widely distributed in the Pleistocene

99. The sudden drop on the rollercoaster gave me a wave of \_\_\_\_\_.

*n.* a feeling of dizziness or disorientation often caused by a disturbance in the inner ear; a sensation or feeling of being unsteady or losing one's balance

100. There were still \_\_\_\_\_ pioneers who planned to start their businesses

*adj.* courageous and not afraid of danger or difficulties

101. The \_\_\_\_\_ between the two buildings carried water and electricity.

*n.* a channel, pipe, or tube that is used to direct the flow of fluids or other material from one place to another; figuratively, a means of communication or channel for transmitting information, ideas, or concepts

102. I'm \_\_\_\_\_ of insects.

*adj.* afraid or frightened

103. The \_\_\_\_\_ hurricane season runs from June to November each year.

*adj.* relating to or located near the Atlantic Ocean, which is the second-largest ocean on Earth, located between the continents of North and South America to the west and Europe and Africa to the east

104. Nevada is \_\_\_\_\_ a desert state.

*adv.* virtually entirely; to a large degree

105. They developed \_\_\_\_\_ blues with a lively rhythm.

*n.* ("Negro" is now considered out of date and offensive) a term that was once used to refer to people of African descent, especially those living in the United States

ANSWERS: 98. mammoth, 99. vertigo, 100. intrepid, 101. conduit, 102. scared, 103. Atlantic, 104. largely, 105. Negro

106. Flight across the \_\_\_\_\_ was a daring adventure in its day.
- n.* one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex
107. The rock's \_\_\_\_\_ suggests it was formed under high pressure and temperature.
- n.* the study of the physical and chemical properties of rocks and geological formations
108. We \_\_\_\_\_ the season's total trade deficit at \$50 billion.
- v.* to guess or calculate the cost, size, value, etc. of something
109. Years of river erosion have formed the uniquely shaped \_\_\_\_\_ basin.
- n.* a point in a river or stream where water falls from a high place, for example, over a cliff or rock
110. Overall \_\_\_\_\_ are approximately 400x200mm.
- n.* a measurable extent of a particular kind, such as width, height, or length
111. She did well on her \_\_\_\_\_ exam.
- n.* a field of science devoted to the study of the lands, features, inhabitants, and phenomena of the Earth
112. What do you \_\_\_\_\_ the culprit's motive was?
- v.* to think that something is likely to be actual or possible
113. The doctor diagnosed him with a rare \_\_\_\_\_ that had no known cure.
- n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems

ANSWERS: 106. continent, 107. lithology, 108. estimated, 109. waterfall, 110. dimensions, 111. geography, 112. suppose, 113. disease

114. The \_\_\_\_\_ in the stock market has been a relief to investors.

- n.* the process of raising land to a higher elevation, or the result of this process;  
(verb) fill with high spirits

115. Recent electoral shocks have shaken the political \_\_\_\_\_ in Europe.

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

116. The sound of the \_\_\_\_\_ chirping filled the air on a warm summer evening.

- n.* leaping insect; a game played with a ball and bat by two teams of eleven players

117. This space is a private office \_\_\_\_\_ to the President

- adj.* connected with religion or religious purposes; worthy of respect or dedication because of a connection with a god

118. The third \_\_\_\_\_ was far more successful.

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

119. The city's \_\_\_\_\_ system was inadequate for heavy rainfall, causing floods.

- n.* the process of draining or the condition of being drained; the natural or artificial removal of water from an area or a system, usually due to rainfall or melting snow

120. Several cities are experiencing \_\_\_\_\_ high unemployment rates.

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

121. The buildup of \_\_\_\_\_ in the soil can cause it to become too acidic, which can be harmful to plants.

- n.* a chemical compound made up of phosphorus (= a chemical element with the symbol P) and oxygen (= a chemical element with the symbol O), often used in fertilizers, detergents, and other industrial processes

ANSWERS: 114. uplift, 115. landscape, 116. crickets, 117. sacred, 118. attempt, 119. drainage, 120. incredibly, 121. phosphate

122. The \_\_\_\_\_ fossils provide important clues about the early evolution of life on Earth.
- n.* a type of fossilized microbial mat formed by the growth and mineralization of cyanobacteria and other microorganisms, typically found in ancient sedimentary rocks and of great significance to the study of the Earth's early history and evolution
123. Many of the \_\_\_\_\_ of the famous general came about hundreds of years after his death.
- n.* an old story that may or may not be accurate regarding some persons and events; a well-known person who is admired by others for a long time, particularly in a particular field
124. These issues baffled \_\_\_\_\_ for many years.
- n.* a scientist or specialist who studies geology
125. 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
126. Having \_\_\_\_\_ parking has been very beneficial throughout the winter.
- adj.* under the surface of the ground; a secret group organized to achieve a specific purpose, such as overthrowing the government or occupying a force
127. The brothers \_\_\_\_\_ each other in the hobby.
- v.* to look like or be similar to someone or something
128. \_\_\_\_\_ thrive on the surface of the human skin.
- n.* a tiny living thing that can only be seen with a microscope and that may cause disease

ANSWERS: 122. stromatolite, 123. legends, 124. geologists, 125. achieve, 126. underground, 127. resemble, 128. Microbes

129. He spent hours every day \_\_\_\_\_ figures out of clay.  
*v.* to create a work of art by carving, casting, or other shaping techniques
130. The production of glass requires high-purity \_\_\_\_\_ sand.  
*n.* a hard, brittle mineral that occurs as silicon dioxide in various forms such as quartz, opal, or flint, commonly used in various industrial applications, such as as an abrasive or filler
131. She is a \_\_\_\_\_ of strength for our team in trouble.  
*n.* a structure that is exceptionally high in proportion to its width and either forms part of a building or stands alone
132. There were framed \_\_\_\_\_ of family and friends in her room.  
*n.* an informal photograph, especially one taken quickly
133. 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
134. The phone rang at the most \_\_\_\_\_ time.  
*adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
135. There are various hypotheses concerning the \_\_\_\_\_ of life.  
*n.* the first existence or beginning of something
136. The company has a strict \_\_\_\_\_ for handling sensitive information to ensure security.  
*n.* a set of rules or procedures for transmitting data or conducting a process or activity, especially in computer networks or scientific experiments; the initial or original version of an agreement

ANSWERS: 129. sculpting, 130. silica, 131. tower, 132. snapshots, 133. atmosphere, 134. opportune, 135. origin, 136. protocol

137. This remote \_\_\_\_\_ is rarely visited.

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

138. We need to \_\_\_\_\_ the aspect of his personality from the part of his competence when making an investment decision.

- v.* to force, take, or pull apart; mark as different

139. The \_\_\_\_\_ plants need to be pollinated by local insects.

- adj.* someone or something that is native to or occurring naturally in a particular place

140. The bread's \_\_\_\_\_ was golden brown and crispy.

- n.* a hard outer layer that forms on the surface of a liquid as it cools or on a solid as a result of exposure to air or moisture

141. We strive not to \_\_\_\_\_ the environment when demolishing petroleum plants.

- v.* to make something impure, unclean, or poisonous by contact or mixture

142. Efficiency isn't an essential \_\_\_\_\_ here; fairness is.

- n.* a fundamental law or truth that explains or controls how something happens or works

143. 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

144. Bananas have their \_\_\_\_\_ taste and odor.

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

ANSWERS: 137. spot, 138. separate, 139. indigenous, 140. crust, 141. contaminate, 142. principle, 143. tunnel, 144. characteristic



145. Much of our territory is located in the \_\_\_\_\_.

*n.* low-lying country or region

146. The company's CEO arrived at the meeting via \_\_\_\_\_ to avoid traffic congestion

*n.* a type of aircraft that is capable of hovering in place and moving vertically, as well as flying horizontally; often used for emergency medical services, military operations, and transport in areas with limited access

147. The police couldn't find a \_\_\_\_\_ to her whereabouts.

*n.* an object, a piece of evidence, or some information that helps someone to find the answer to a problem, question, or mystery

148. The scientist conducted a study that provided \_\_\_\_\_ details about the species' behavior.

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

149. The robust economy of the country is based on its \_\_\_\_\_ resources.

*n.* a solid inorganic substance occurring in nature having a definite chemical composition

150. He was impressed by the range and \_\_\_\_\_ of the collection.

*n.* the quality or fact of many different types of things or people being included in something; a range of different things or people

151. The \_\_\_\_\_ landscape in the region was stunning, with its limestone caves and sinkholes.

*n.* a landscape or terrain characterized by underground drainage systems, sinkholes, caves, and the dissolution of limestone or other soluble rocks, which regions often have unique hydrological features due to the dissolution of rock layers

ANSWERS: 145. lowland, 146. helicopter, 147. clue, 148. specific, 149. mineral, 150. diversity, 151. karst

152. He displayed the \_\_\_\_\_ symptoms of depression.

*adj.* judged or deserving to be regarded as one of the best or most important of its kind over a period of time; of a well-known type

153. The \_\_\_\_\_ risotto was delicious, but I couldn't identify all the mushrooms in it.

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

ANSWERS: 152. classic, 153. mushroom