

# Englist.me



## Vocabulary Builder Reference from...

*Rachel Armstrong: Architecture that repairs itself? |*

*TED Talk*

[https://www.ted.com/talks/rachel\\_armstrong\\_architecture\\_that\\_repairs\\_itself](https://www.ted.com/talks/rachel_armstrong_architecture_that_repairs_itself)

### All Words

#### IMPORTANT

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## Session 1: Word List

### involve

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

*synonym*: implicate, include, engage

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

The investigation **involves** several government agencies and is expected to take several months.

### blueprint

*n.* a photographic print of an early plan for a building or machine

*synonym*: draft, prototype, sketch

(1) **blueprint** for economic reform, (2) architect's **blueprint**

A business plan is a **blueprint** for your success.

### industrial

*adj.* of or relating to or resulting from industry

*synonym*: manufacturing, mechanical

(1) beginning of the **industrial** revolution, (2) **industrial** alcohol

**Industrial** design has become more focused on human nature aspect than ever before.

### manufacture

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

*synonym* : create, fabricate, assemble

(1) **manufacture** an enzyme, (2) **manufacture** a product  
The majority of synthetic vitamins are **manufactured** from oil.

## construct

*v.* to build or create something; to assemble or combine different parts to form something whole

*synonym* : build, assemble, create

(1) **construct** a 3D image, (2) **construct** a dam

He **constructs** hypotheses that no mathematician has ever imagined before.

## inert

*adj.* lacking the ability to move or act, often used to describe an object or substance that is inactive or non-reactive

*synonym* : motionless, inactive, dormant

(1) **inert** gases, (2) **inert** ingredients

The rock was completely **inert** and didn't react when we tried to break it open.

## transfer

*v.* to move, pass, or change from one person, place, or situation to another

*synonym* : move, relocate, shift

(1) **transfer** a file, (2) **transfer** power

She **transferred** the money from her savings account to her checking account.

## 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**.

## sustainable

*adj.* able to continue or be continued for a long time

*synonym* : continuable, endurable, tolerable

(1) **sustainable** alternative fuel, (2) principles of **sustainable** development

The government should do more to support environmentally **sustainable** agriculture.

## genuine

*adj.* real and exactly; not pretended; sincerely felt or expressed

*synonym* : actual, honest, unpretending

(1) a **genuine** article, (2) show **genuine** regret

Is this painting **genuine** or forged?

## insulate

*v.* to protect something by interposing material that prevents heat, noise, electricity, etc.

*synonym* : isolate, protect, seclude

(1) **insulate** the room from sound, (2) **insulate** electricity

We had our bedroom **insulated** before winter came.

## constant

*adj.* happening repeatedly or all the time

*synonym* : ceaseless, stable, unchanging

(1) a **constant** wind, (2) a **constant** temperature

**Constant** dropping wears away the stone.

## conversation

*n.* an informal talk between two or more people to exchange their views, ideas, information, etc.

*synonym* : chat, discussion, dialogue

(1) **conversation** in English, (2) a friendly **conversation**

Your **conversation** reflects your thoughts.

## chemical

*adj.* relating to or connected with chemistry;

*synonym* : chemic, synthetic

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

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

## reaction

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

*synonym* : response, reply, answer

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

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

## metabolism

*n.* the set of chemical reactions in cells or organisms that are necessary for life-sustaining

(1) **metabolism** enzyme, (2) hemoglobin **metabolism**  
Better sleep leads to increased **metabolism**.

## conversion

*n.* the act or process of changing something from one thing to another; the state of being changed

*synonym*: transformation, change, metamorphosis

(1) **conversion** rate, (2) **conversion** therapy

The developer's **conversion** of the old factory into a modern loft apartment complex was a major success.

## substance

*n.* the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug

*synonym*: essence, core, material

(1) an explosive **substance**, (2) **substance** abuse problem

The **substance** of the argument was well-presented.

## absorption

*n.* a process in which one substance permeates another; a fluid permeates or is dissolved by a liquid or solid

*synonym*: consumption, digestion, soaking up

(1) the **absorption** of photons, (2) **absorption** energy

Vitamin D is essential to assist the **absorption** of calcium from food.

## architecture

*n.* the art and science of designing and constructing buildings

*synonym*: design, structure, layout

(1) **architecture** design, (2) classic **architecture**

The city is known for its impressive **architecture** and beautiful old buildings.

## architect

*n.* a person whose job is to design plans to be used in making something, such as buildings

*synonym*: creator, designer, planner

(1) landscape **architect**, (2) **architect** of the peace accord

The building **architect** tried to build the house above the tree.

## spill

*v.* to cause or allow liquid to run or flow over the edge of its container by accident

*synonym*: slop, drop, scatter

(1) **spill** a bit of wine, (2) **spill** my heart

He was determined to **spill** everything.

## collaborate

*v.* to work with someone else to produce or achieve something

*synonym*: cooperate, unite, get together

(1) **collaborate** with the police, (2) **collaborate** on a press release

She agreed to **collaborate** with him in creating new artwork.

## generate

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

*synonym*: create, yield, produce

(1) **generate** more electricity, (2) **generate** \$100 a month

The economic stimulation program would **generate** a lot of new jobs.

## scratch

*v.* to cut or damage the surface of something or the skin with a sharp or pointed object

*synonym*: claw, rub, scrape

(1) **scratch** off a name, (2) **scratch** my signature

Don't **scratch** your mosquito bites.

## chemistry

*n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions

(1) professor of **chemistry**, (2) the **chemistry** of soil

He is familiar with **chemistry** and biology.

## transition

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

*synonym* : change, growth, shift

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

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

## process

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

*synonym* : procedure, method, system

(1) **process** improvement, (2) decision-making **process**

The **process** for applying for a visa can be lengthy and complicated.

## prototype

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

*synonym* : mock-up, precursor, model

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

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

## magic

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

*synonym* : fascination, illusion, wizardry

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

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

## fatty

*adj.* containing a lot of fat

*synonym* : greasy, oily

(1) less **fatty** meat, (2) **fatty** acid

You should keep away from **fatty** foods.

## battery

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

*synonym* : electric cell, array, batch

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

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

## conduct

*v.* to organize and carry out a particular activity

*synonym* : behave, lead, carry on

(1) **conduct** a background check, (2) **conduct** research

Police will **conduct** random breath testing for drunk driving.

## gradient

*n.* the degree or rate of incline or decline along a physical or abstract line; a gradual progression

*synonym* : slope, incline, grade

(1) **gradient** descent, (2) economic **gradient**

The road's **gradient** was steep, making it challenging for cyclists.

## undergo

*v.* to go through something unpleasant or that involves a change

*synonym* : experience, suffer, endure

(1) **undergo** surgery, (2) **undergo** a decrease

The train has to **undergo** rigorous safety checks.

## complexity

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

*synonym* : intricacy, sophistication, elaboration

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

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

## architectural

*adj.* of or relating to the design and construction of buildings and other structures and the features and style of such structures

*synonym* : structural, building, constructive

(1) study **architectural** engineering, (2) beautiful **architectural** landmarks

The **architectural** style of the building was a mix of modern

and traditional.

## vigorously

*adv.* in a way that is very energetic and enthusiastic

*synonym*: energetically, forcefully, strongly

(1) **vigorously** shake, (2) mix **vigorously** by hand

He **vigorously** scrubbed the stains on the shirt.

## shed

*v.* to get rid of something as superfluous or unwanted; to cast off hair, skin, horn, or feathers; (noun) an outbuilding with a single story, mainly used for shelter or storage

*synonym*: discard, drop, cast off

(1) **shed** an old skin, (2) a cow **shed**

He **shed** a secret tear when he heard the news of his friend's death.

## violent

*adj.* involving or caused by physical force or aggression against someone or something

*synonym*: aggressive, intense, turbulent

(1) victim of a **violent** crime, (2) **violent** incident

The protesters became **violent** when the police tried to disperse them.

## extract

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

*synonym*: excerpt, quote, distillation

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

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

## carbon

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

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

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



## oxide

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

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

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

## 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**.

## 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**.

## shell

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

*synonym*: ammunition, armor, cover

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

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

## globular

*adj.* having the shape of a ball

*synonym*: round, spherical, orbicular

(1) **globular** cluster, (2) **globular** clusters

Wasps often build **globular** nests in a short period.

## brittle

*adj.* easily broken, cracked, or shattered when subjected to pressure or stress; lacking flexibility or resilience; fragile

*synonym*: fragile, breakable, delicate

(1) **brittle** bones, (2) **brittle** material

The old books in the library were so **brittle** that they crumbled upon touch.

## contrast

*v.* to put in opposition to show or emphasize differences  
*synonym*: differ, vary, counterpoint

(1) **contrast** with a decade ago, (2) **contrast** two things  
It's intriguing to compare and **contrast** the two authors.

## top-down

*adj.* controlled or implemented from the highest level of authority or management

*synonym*: centralized, hierarchical

(1) **top-down** management, (2) **top-down** approach  
The **top-down** management approach could have been more effective in implementing organizational changes.

## impose

*v.* to officially force a new law, tax, duty, etc. to be obeyed or received

*synonym*: charge, levy, foist

(1) **impose** harsher sanctions, (2) **impose** tariffs  
The problem with achievement tests is the narrowness they **impose** on students.

## 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.

## energetic

*adj.* possessing or exerting or displaying energy

*synonym*: active, animated, lively

(1) **energetic** density, (2) **energetic** dog

This process caused an **energetic** chemical reaction.

## sensible

*adj.* having good sense or judgment; reasonable; practical; marked by a perception of the importance or seriousness of something

*synonym*: reasonable, practical, pragmatic

(1) **sensible** decision, (2) **sensible** approach  
It's **sensible** to wear a helmet when riding a bike.

## ancient

*adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old

*synonym*: archaic, age-old, obsolete

(1) pre-Christian **ancient**, (2) **ancient** stories  
They have been living near water since **ancient** times.

## brick

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

*synonym*: block, tile, paver

(1) **brick** wall, (2) dressed **brick**  
The wall was made of hard **bricks** that had been used for centuries.

## 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**.

## skeleton

*n.* the structure of bones in a human or animal body, or a framework of bones or other material that supports a plant

*synonym*: bones, frame, structure

(1) the steel **skeleton** of a building, (2) **skeleton** hand  
Scientists studied the ancient **skeleton** to learn more about the creature's anatomy.

## 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.

## fossilized

*adj.* transformed into a fossil (= something preserved in rock for a very long period) or preserved in the form of a fossil; antiquated or inflexible

*synonym* : petrified, ossified, preserved

(1) obsolete **fossilized** ways, (2) a **fossilized** grove

The dinosaur bones were so old that they had been wholly **fossilized**, turning to stone over millions of years.

## 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.

## immediate

*adj.* happening or done without delay or occurring shortly after something else

*synonym* : prompt, quick, instantaneous

(1) take **immediate** effect, (2) the **immediate** past

Both forts were subject to **immediate** attacks.

## ecology

*n.* the study of the relationships between living organisms, including humans, and their physical environment

(1) science of **ecology**, (2) the **ecology** of the island

Many companies are now enthusiastically embracing the knowledge of **ecology** for sustainable development.

## intervention

*n.* the action or process of being done to improve or help a circumstance, often they have not been asked to do so

*synonym* : interference, intercession, treatment

(1) **intervention** by foreign powers, (2) surgical **intervention**

This **intervention** does not require the patient's consent.

## atoll

*n.* a ring-shaped coral reef or a chain of coral islands and reefs surrounding a central lagoon, typically formed by

the subsidence of a volcanic island over time, leaving only the coral reefs visible above the water surface

*synonym* : coral reef, islet, cay

(1) coral **atoll**, (2) lagoon **atoll**

The tourists were excited to explore the remote **atoll**, which was uninhabited and untouched.

## reclamation

*n.* the process of restoring or reclaiming something, particularly land or resources that have been damaged or depleted; the act of obtaining or recovering something that was lost or taken away

*synonym* : recovery, reutilization, restoration

(1) **reclamation** district, (2) coastal **reclamation**

The **reclamation** of the wetlands allowed for the restoration of the natural ecosystem.

## dam

*n.* a wall constructed over a river to block the flow of water, mainly used to generate energy

*synonym* : barricade, barrier, embankment

(1) **dam-building** program, (2) **dam** collapsing

The break in the **dam** threatened the valley.

## historic

*adj.* famous or significant in history, or potentially so

*synonym* : memorable, momentous, historical

(1) **historic** accomplishment, (2) achieve the **historic** feat

The Chinese people have accomplished several **historic** feats.

## tempestuous

*adj.* characterized by strong and turbulent or conflicting emotions; stormy or turbulent in nature

*synonym* : stormy, tumultuous, restless

(1) **tempestuous** relationship, (2) **tempestuous** sea

The **tempestuous** weather delayed our flight for hours.

## 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.

## devise

*v.* to come up with an idea, plan, theory, etc., using your intelligence or imagination

*synonym* : create, concoct, invent

(1) **devise** a plan, (2) **devise** a literary plot

They had to **devise** a system that did not depend on fossil fuels.

## reclaim

*v.* to take back something previously lost, given, or paid, or ask to have it back

*synonym* : recoup, regain, retake

(1) **reclaim** a competitive position, (2) **reclaim** land from the sea

You may be entitled to **reclaim** some tax.

## Christ

*n.* the man that Christians believe is the prophet and the son of God, and whose life and sermons form the basis for Christianity

*synonym* : Savior, Jesus Christ, Jesus

(1) teaching of **Christ**, (2) before **Christ**

**Christmas** is the day to celebrate the birth of Christ.

## reef

*n.* a long chain or range of rocks or sand near the ocean's surface

(1) barrier **reef**, (2) coral **reefs**

The vessel ran aground on a **reef**.

## underneath

*adv.* under or below something else

*synonym* : below, under, beneath

(1) **underneath** the surface of the water, (2) **underneath** the laughter

The penny fell **underneath** the piano.

## forebear

*n.* an ancestor or a precursor

*synonym* : ancestor, predecessor, forefather

(1) a **forebear** of one of the tribes, (2) **forebear** predecessor

His **forebear** was one of the first settlers in the area.

## deposit

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

*synonym* : bank, installment, sedimentation

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

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

## crystal

*n.* a solid material with many even sides that is formed naturally when the substance becomes solid and has a highly regular atomic structure; clear and colorless glass made of almost pure silica

*synonym* : quartz

(1) liquid **crystal**, (2) **crystal** analyses

A vast **crystal** chandelier glittered brightly above us.

## lattice

*n.* an arrangement of points or particles in a regular, repeating pattern in two or three dimensions; a structure consisting of an ornamental design made of strips of wood or metal

*synonym* : grid, trellis, mesh

(1) **lattice** ornament, (2) a door with a **lattice** frame

The **lattice** pattern on the fence allowed the vines to climb up and create a natural privacy screen.

## bond

*n.* a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money

*synonym* : bind, adhesion, attachment

(1) **bond** as a family, (2) global **bond** market

They had formed a friendship **bond**.

## dump

*v.* to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly

*synonym*: throw away, dispose

(1) **dump** the gravel on the road, (2) **dump** hazardous waste

The company **dumped** him after several years of service.

## canal

*n.* a long and narrow strip of water made artificially either for boats and ships to travel along or for irrigation

*synonym*: aqueduct, trench, channel

(1) an ear **canal**, (2) an irrigation **canal**

Our container ship went through the Panama **Canal**.

## creative

*adj.* relating to or involving the use of skill and original and unusual ideas to create something

*synonym*: imaginative, innovative, inventive

(1) **creative** writing, (2) barren of **creative** spirit

All the supervisor has to do is assign tasks that make his subordinates more **creative**.

## craft

*n.* an activity that requires a particular skill in making things with one's hands

*synonym*: art, skill, workmanship

(1) **craft** arts of Japan, (2) **craft** manufacture

His hometown was where he first acquired the **craft** of wood carving.

## diagram

*n.* a simplified illustration of the appearance, structure, or workings of something

*synonym*: chart, figure, graph

(1) 3D **diagram**, (2) in a **diagram**

He is drawing a **diagram** illustrating how the equipment operates.



## moving

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

*synonym* : emotional, poignant, touching

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

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

## foundation

*n.* the lowest load-bearing part of a building, typically below ground level; a fundamental basis or principle upon which something is built or established; an organization that provides funding or support for charitable or educational purposes

*synonym* : base, support, groundwork

(1) **foundation** course, (2) weak **foundation**

The **foundation** of the building was cracked and needed to be repaired.

## observe

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

*synonym* : watch, monitor, scrutinize

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

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

## laboratory

*n.* a workplace for doing scientific research or teaching science; a lab

*synonym* : lab, workshop, testing room

(1) **laboratory** accident, (2) anthropology **laboratory**

Animal protection groups call for an end to animal testing in a **laboratory**.

## entity

*n.* something that exists independently and has its own identity

*synonym* : body, object, existent

(1) legal **entity**, (2) government **entity**

A company is a distinct legal **entity**.

## engineer

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

*synonym*: architect, creator, builder

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

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

## specifically

*adv.* only associated with or meant for one thing

*synonym*: especially, particularly, notably

(1) designed **specifically** for men, (2) for **specifically** American customers

This ad campaign is aimed **specifically** at young women.

## petrify

*v.* to turn to stone; to make hard and unyielding

*synonym*: fossilize, mineralize, calcify

(1) **petrify** with fear, (2) **petrify** into stone

The thought of public speaking will **petrify** her.

## tune

*n.* a musical composition or set of musical notes that are played or sung; (verb) to adjust or set something to a specific condition or standard

*synonym*: melody, harmony, (verb) adjust

(1) the **tune** of a song, (2) **tune** a piano

The band played a beautiful **tune** on their instruments.

## monitor

*v.* to observe, check, and track the progress or quality of something over a period of time

*synonym*: proctor, check, observe

(1) **monitor** an exam, (2) **monitor** the data carefully

They used a special receiver to **monitor** police radio channels.

## case-by-case

*adj.* referring to a method of dealing with something or someone on an individual basis rather than applying a uniform or blanket strategy or treatment to all cases or situations

*synonym* : individual, specific, particular

(1) **case-by-case** screening, (2) **case-by-case** analysis

The immigration officer will assess every application on a **case-by-case** basis to determine eligibility for entry.

## **basis**

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

*synonym* : foundation, base, ground

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

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

## **gradual**

*adj.* happening slowly over a long period of time or distance; not steep or abrupt

*synonym* : incremental, gradational, piecemeal

(1) a **gradual** process, (2) a **gradual** change

The country experienced a **gradual** increase in population.

## **accretion**

*n.* the process of gradual growth or accumulation, particularly of layers or matter building up over time; the result of such a process

*synonym* : accumulation, buildup, growth

(1) stellar **accretion**, (2) island **accretion**

The rock was formed by the slow **accretion** of sediments over millions of years.

## **beneath**

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

*synonym* : down, under, low

(1) the ground **beneath** my feet, (2) **beneath** contempt

A great stretch of the lake lay **beneath** them.

## **sink**

*v.* to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else

*synonym* : descend, drop, plummet

(1) **sink** a lot of capital, (2) **sink** a buzzer-beater

The abandoned ship slowly began to **sink** into the murky waters of the harbor.

## attract

*v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones

*synonym* : lure, entice, draw in

(1) **attract** attention, (2) **attract** customers

The government is eager to **attract** international investment.

## marine

*adj.* relating to the sea and the creatures and plants that live there

*synonym* : sea-dwelling, maritime, aquatic

(1) **marine** insurance, (2) variety of **marine** life

Seals and whales are **marine** animals beloved by the people.

## niche

*n.* a specialized role or position that a species occupies within an ecosystem; a job or position particularly well suited to the person who occupies it

*synonym* : role, position, habitat

(1) **niche** market, (2) every **niche** of society

The species occupies a unique **niche** in the ecosystem as a top predator.

## exciting

*adj.* causing a lot of interest or excitement

*synonym* : exhilarating, stimulating, thrilling

(1) **exciting** football player, (2) **exciting** news

The findings of the experiment were both **exciting** and unexpected.

## terrestrial

*adj.* of or relating to the Earth; relating to or inhabiting the land or the ground as opposed to the sea or air

*synonym* : earthy, earthborn, telluric

(1) **terrestrial** planets, (2) **terrestrial** heat

**Terrestrial** longitude is measured in degrees east or west of the Prime Meridian.

## appropriate

*adj.* suitable or proper in the circumstances; fitting

*synonym*: fitting, suitable, proper

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

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

## develop

*v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

*synonym*: evolve, progress, advance

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

We must **develop** a new system to streamline our workflow and increase efficiency.

## summary

*n.* a brief statement that provides the critical aspects of something without going into depth

*synonym*: outline, digest, overview

(1) a **summary** execution, (2) a **summary** of the conclusions

A **summary** is at the end of the book.

## counterpoise

*n.* a force or influence that balances, counteracts, or offsets another; a weight or force used to balance or stabilize something; a state of equilibrium or balance

*synonym*: balance, counterbalance, equilibrium

(1) electrical **counterpoise**, (2) **counterpoise** antenna

The bridge's design incorporated a **counterpoise** system to ensure stability against strong winds.

## secondly

*adv.* used to introduce the second point or item in a list or series of statements, considerations, etc.

*synonym*: in the second place, next, subsequently

(1) **secondly** connected, (2) **secondly**, it is important

Firstly, we will discuss the budget; **secondly**, we will go over the schedule.

## function

*n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

*synonym*: purpose, mapping, job

(1) **function** properly, (2) immune **function**

The brain is an incredibly complex organ that controls the body's **function**.

## observer

*n.* a person who watches or notices someone or something but has no active part in it

*synonym*: spectator, onlooker, watcher

(1) a shrewd **observer**, (2) an **observer** in the region

According to the theory of relativity, time is different for each **observer**.

## marvel

*n.* someone something that causes feelings of wonder or surprise

*synonym*: wonder, phenomenon, amazement

(1) a **marvel** of beauty, (2) technical **marvel**

The space shuttle is a modern engineering **marvel**.

## artificial

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

*synonym*: synthetic, man-made, manufactured

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

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

## Session 2: Spelling

1. combined ox\_\_e *n.* a chemical compound that contains at least one oxygen atom and one other element
  
2. se\_\_\_\_ly connected *adv.* used to introduce the second point or item in a list or series of statements, considerations, etc.
  
3. chaotic env\_\_\_\_\_nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
  
4. at\_\_\_\_t attention *v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones
  
5. de\_\_\_\_p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
  
6. decision-making pr\_\_\_\_s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

ANSWERS: 1. oxide, 2. secondly, 3. environment, 4. attract, 5. develop, 6. process

7. en\_\_\_\_\_ic density *adj.* possessing or exerting or displaying energy
8. s\_\_k a buzzer-beater *v.* to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else
9. ex\_\_\_\_\_ng football player *adj.* causing a lot of interest or excitement
10. cas\_\_\_\_\_ase screening *adj.* referring to a method of dealing with something or someone on an individual basis rather than applying a uniform or blanket strategy or treatment to all cases or situations
11. an ear ca\_\_l *n.* a long and narrow strip of water made artificially either for boats and ships to travel along or for irrigation
12. designed spe\_\_\_\_\_lly for men *adv.* only associated with or meant for one thing
13. d\_\_p hazardous waste *v.* to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly
14. surgical int\_\_\_\_\_ion *n.* the action or process of being done to improve or help a circumstance, often they have not been asked to do so
15. a mollusk sh\_\_l *n.* hard outer covering or case of eggs, nuts, some seeds, and some animals
16. pe\_\_\_\_\_y into stone *v.* to turn to stone; to make hard and unyielding
17. mo\_\_\_\_\_g ceremony *adj.* causing strong emotions or feelings, especially sadness or sympathy

ANSWERS: 7. energetic, 8. sink, 9. exciting, 10. case-by-case, 11. canal, 12. specifically, 13. dump, 14. intervention, 15. shell, 16. petrify, 17. moving



18. d\_\_p the gravel on the road      *v.* to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly
19. trigger a re\_\_\_\_on      *n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
20. tr\_\_\_\_er power      *v.* to move, pass, or change from one person, place, or situation to another
21. fou\_\_\_\_\_on course      *n.* the lowest load-bearing part of a building, typically below ground level; a fundamental basis or principle upon which something is built or established; an organization that provides funding or support for charitable or educational purposes
22. ob\_\_\_\_\_e a tradition      *v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
23. she is ma\_\_c      *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
24. to\_\_\_\_\_wn approach      *adj.* controlled or implemented from the highest level of authority or management
25. global b\_\_d market      *n.* a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money

ANSWERS: 18. dump, 19. reaction, 20. transfer, 21. foundation, 22. observe, 23. magic, 24. top-down, 25. bond

26. an app\_\_\_\_\_te time *adj.* suitable or proper in the circumstances; fitting
27. the ec\_\_\_\_\_y of the island *n.* the study of the relationships between living organisms, including humans, and their physical environment
28. barren of cr\_\_\_\_\_ve spirit *adj.* relating to or involving the use of skill and original and unusual ideas to create something
29. an irrigation ca\_\_l *n.* a long and narrow strip of water made artificially either for boats and ships to travel along or for irrigation
30. classic arc\_\_\_\_\_ure *n.* the art and science of designing and constructing buildings
31. gr\_\_\_\_\_nt descent *n.* the degree or rate of incline or decline along a physical or abstract line; a gradual progression
32. mo\_\_\_\_\_r the data carefully *v.* to observe, check, and track the progress or quality of something over a period of time
33. ind\_\_\_\_\_al alcohol *adj.* of or relating to or resulting from industry
34. sus\_\_\_\_\_le alternative fuel *adj.* able to continue or be continued for a long time
35. ba\_\_\_\_\_y charging *n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
36. rec\_\_\_\_\_on district *n.* the process of restoring or reclaiming something, particularly land or resources that have been damaged or depleted; the act of obtaining or recovering something that was lost or taken away

ANSWERS: 26. appropriate, 27. ecology, 28. creative, 29. canal, 30. architecture, 31. gradient, 32. monitor, 33. industrial, 34. sustainable, 35. battery, 36. reclamation

37. before Ch\_\_\_t *n.* the man that Christians believe is the prophet and the son of God, and whose life and sermons form the basis for Christianity
38. de\_\_\_e a literary plot *v.* to come up with an idea, plan, theory, etc., using your intelligence or imagination
39. d\_m collapsing *n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
40. a dry ba\_\_\_\_y *n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
41. ca\_\_\_n dioxide *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
42. government en\_\_\_y *n.* something that exists independently and has its own identity
43. victim of a vi\_\_\_\_\_t crime *adj.* involving or caused by physical force or aggression against someone or something
44. de\_\_\_\_\_p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
45. 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

ANSWERS: 37. Christ, 38. devise, 39. dam, 40. battery, 41. carbon, 42. entity, 43. violent, 44. develop, 45. structure

46. be\_\_\_\_h contempt *adv.* in or to a lower place than someone or something
47. abs\_\_\_\_\_on energy *n.* a process in which one substance permeates another; a fluid permeates or is dissolved by a liquid or solid
48. sheer li\_\_\_\_\_ne cliffs *n.* a sedimentary rock that is composed mainly of calcium carbonate, which is the mineral calcite
49. se\_\_\_\_\_le approach *adj.* having good sense or judgment; reasonable; practical; marked by a perception of the importance or seriousness of something
50. col\_\_\_\_\_te with the police *v.* to work with someone else to produce or achieve something
51. ca\_\_\_\_n emission *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
52. a fo\_\_\_\_\_ar of one of the tribes *n.* an ancestor or a precursor
53. ge\_\_\_\_\_te more electricity *v.* to produce or create something; to make offspring by reproduction
54. arc\_\_\_\_\_ure design *n.* the art and science of designing and constructing buildings
55. env\_\_\_\_\_nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
56. re\_\_\_\_\_m land from the sea *v.* to take back something previously lost, given, or paid, or ask to have it back

ANSWERS: 46. beneath, 47. absorption, 48. limestone, 49. sensible, 50. collaborate, 51. carbon, 52. forebear, 53. generate, 54. architecture, 55. environment, 56. reclaim

57. a ma\_\_\_l of beauty *n.* someone something that causes feelings of wonder or surprise
58. achieve the hi\_\_\_\_ic feat *adj.* famous or significant in history, or potentially so
59. co\_\_\_\_t a background check *v.* to organize and carry out a particular activity
60. lagoon at\_\_l *n.* a ring-shaped coral reef or a chain of coral islands and reefs surrounding a central lagoon, typically formed by the subsidence of a volcanic island over time, leaving only the coral reefs visible above the water surface
61. b\_\_d as a family *n.* a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money
62. beginning of the ind\_\_\_\_al revolution *adj.* of or relating to or resulting from industry
63. ge\_\_\_\_te \$100 a month *v.* to produce or create something; to make offspring by reproduction
64. in\_\_\_\_te electricity *v.* to protect something by interposing material that prevents heat, noise, electricity, etc.
65. tr\_\_\_\_er a file *v.* to move, pass, or change from one person, place, or situation to another
66. met\_\_\_\_sm enzyme *n.* the set of chemical reactions in cells or organisms that are necessary for life-sustaining
67. professor of ch\_\_\_\_ry *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions

ANSWERS: 57. marvel, 58. historic, 59. conduct, 60. atoll, 61. bond, 62. industrial, 63. generate, 64. insulate, 65. transfer, 66. metabolism, 67. chemistry

68. s\_\_d an old skin      *v.* to get rid of something as superfluous or unwanted; to cast off hair, skin, horn, or feathers; (noun) an outbuilding with a single story, mainly used for shelter or storage
69. d\_m-building program      *n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
70. economic gr\_\_\_\_nt      *n.* the degree or rate of incline or decline along a physical or abstract line; a gradual progression
71. the ground be\_\_\_\_h my feet      *adv.* in or to a lower place than someone or something
72. un\_\_\_\_o a decrease      *v.* to go through something unpleasant or that involves a change
73. for spe\_\_\_\_lly American customers      *adv.* only associated with or meant for one thing
74. landscape ar\_\_\_\_ct      *n.* a person whose job is to design plans to be used in making something, such as buildings
75. an egg sh\_\_l      *n.* hard outer covering or case of eggs, nuts, some seeds, and some animals
76. con\_\_\_\_ion in English      *n.* an informal talk between two or more people to exchange their views, ideas, information, etc.
77. the t\_\_e of a song      *n.* a musical composition or set of musical notes that are played or sung; (verb) to adjust or set something to a specific condition or standard

ANSWERS: 68. shed, 69. dam, 70. gradient, 71. beneath, 72. undergo, 73. specifically, 74. architect, 75. shell, 76. conversation, 77. tune

78. a co\_\_\_\_nt temperature *adj.* happening repeatedly or all the time
79. de\_\_\_\_t accumulation *n.* a sum of money or materials placed or kept in a bank, safety deposit box, or other secure places for safekeeping; a layer of rock, sand, or other material left behind by a flowing liquid or eroding force
80. coastal rec\_\_\_\_\_on *n.* the process of restoring or reclaiming something, particularly land or resources that have been damaged or depleted; the act of obtaining or recovering something that was lost or taken away
81. cou\_\_\_\_\_ise antenna *n.* a force or influence that balances, counteracts, or offsets another; a weight or force used to balance or stabilize something; a state of equilibrium or balance
82. mo\_\_\_\_g experience *adj.* causing strong emotions or feelings, especially sadness or sympathy
83. en\_\_\_\_er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
84. 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
85. weak fou\_\_\_\_\_on *n.* the lowest load-bearing part of a building, typically below ground level; a fundamental basis or principle upon which something is built or established; an organization that provides funding or support for charitable or educational purposes

ANSWERS: 78. constant, 79. deposit, 80. reclamation, 81. counterpoise, 82. moving, 83. engineer, 84. structure, 85. foundation

86. ter\_\_\_\_\_al heat *adj.* of or relating to the Earth; relating to or inhabiting the land or the ground as opposed to the sea or air
87. alkaline ca\_\_\_\_\_te *n.* a carbonic acid salt or ester that contains the anion CO<sub>3</sub>
88. obsolete fos\_\_\_\_\_ed ways *adj.* transformed into a fossil (= something preserved in rock for a very long period) or preserved in the form of a fossil; antiquated or inflexible
89. su\_\_\_\_\_ce abuse problem *n.* the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug
90. ni\_\_e market *n.* a specialized role or position that a species occupies within an ecosystem; a job or position particularly well suited to the person who occupies it
91. fu\_\_\_\_\_on properly *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
92. ar\_\_\_\_\_ct of the peace accord *n.* a person whose job is to design plans to be used in making something, such as buildings
93. sp\_\_l my heart *v.* to cause or allow liquid to run or flow over the edge of its container by accident

ANSWERS: 86. terrestrial, 87. carbonate, 88. fossilized, 89. substance, 90. niche, 91. function, 92. architect, 93. spill



94. art\_\_\_\_\_al flowers *adj.* not natural and made by human beings; not real but produced to resemble something
95. a gr\_\_\_\_\_l change *adj.* happening slowly over a long period of time or distance; not steep or abrupt
96. man\_\_\_\_\_re an enzyme *v.* to make goods in large numbers, usually in a factory using machines
97. take im\_\_\_\_\_te effect *adj.* happening or done without delay or occurring shortly after something else
98. 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
99. architect's bl\_\_\_\_\_nt *n.* a photographic print of an early plan for a building or machine
100. tem\_\_\_\_\_us sea *adj.* characterized by strong and turbulent or conflicting emotions; stormy or turbulent in nature
101. pr\_\_\_\_\_s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
102. gl\_\_\_\_\_ar cluster *adj.* having the shape of a ball
103. im\_\_\_\_\_e harsher sanctions *v.* to officially force a new law, tax, duty, etc. to be obeyed or received
104. a shrewd ob\_\_\_\_\_er *n.* a person who watches or notices someone or something but has no active part in it

ANSWERS: 94. artificial, 95. gradual, 96. manufacture, 97. immediate, 98. atmosphere, 99. blueprint, 100. tempestuous, 101. process, 102. globular, 103. impose, 104. observer

105. se\_\_\_\_\_le decision *adj.* having good sense or judgment; reasonable; practical; marked by a perception of the importance or seriousness of something
106. toxic ch\_\_\_\_\_als *adj.* relating to or connected with chemistry;
107. br\_\_\_\_\_e material *adj.* easily broken, cracked, or shattered when subjected to pressure or stress; lacking flexibility or resilience; fragile
108. und\_\_\_\_\_th the surface of the water *adv.* under or below something else
109. technical ma\_\_\_\_l *n.* someone something that causes feelings of wonder or surprise
110. man\_\_\_\_\_re a product *v.* to make goods in large numbers, usually in a factory using machines
111. on an equal ba\_\_s *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
112. cr\_\_\_\_\_ve writing *adj.* relating to or involving the use of skill and original and unusual ideas to create something
113. app\_\_\_\_\_te behavior *adj.* suitable or proper in the circumstances; fitting
114. silver ox\_\_e *n.* a chemical compound that contains at least one oxygen atom and one other element
115. mo\_\_\_\_\_r an exam *v.* to observe, check, and track the progress or quality of something over a period of time

ANSWERS: 105. sensible, 106. chemical, 107. brittle, 108. underneath, 109. marvel, 110. manufacture, 111. basis, 112. creative, 113. appropriate, 114. oxide, 115. monitor

116. pre-Christian an\_\_\_\_t *adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
117. a su\_\_\_\_\_y of the conclusions *n.* a brief statement that provides the critical aspects of something without going into depth
118. ensure a smooth tra\_\_\_\_\_on *n.* the process or period of changing from one state or circumstance to another
119. cognitive com\_\_\_\_\_ty *n.* the state or quality of being complicated or intricate and difficult to understand
120. a ch\_\_\_\_\_al compound *adj.* relating to or connected with chemistry;
121. coral at\_\_l *n.* a ring-shaped coral reef or a chain of coral islands and reefs surrounding a central lagoon, typically formed by the subsidence of a volcanic island over time, leaving only the coral reefs visible above the water surface
122. ex\_\_\_\_\_ng news *adj.* causing a lot of interest or excitement
123. bl\_\_\_\_\_nt for economic reform *n.* a photographic print of an early plan for a building or machine
124. li\_\_\_\_\_ne pavement *n.* a sedimentary rock that is composed mainly of calcium carbonate, which is the mineral calcite
125. co\_\_\_\_\_ct a dam *v.* to build or create something; to assemble or combine different parts to form something whole
126. in\_\_t gases *adj.* lacking the ability to move or act, often used to describe an object or substance that is inactive or non-reactive

ANSWERS: 116. ancient, 117. summary, 118. transition, 119. complexity, 120. chemical, 121. atoll, 122. exciting, 123. blueprint, 124. limestone, 125. construct, 126. inert

127. less fa\_\_y meat *adj.* containing a lot of fat
128. a cow s\_\_d *v.* to get rid of something as superfluous or unwanted; to cast off hair, skin, horn, or feathers; (noun) an outbuilding with a single story, mainly used for shelter or storage
129. coral r\_\_fs *n.* a long chain or range of rocks or sand near the ocean's surface
130. sc\_\_\_\_\_h off a name *v.* to cut or damage the surface of something or the skin with a sharp or pointed object
131. ma\_\_\_e insurance *adj.* relating to the sea and the creatures and plants that live there
132. gl\_\_\_\_\_ar clusters *adj.* having the shape of a ball
133. anthropology lab\_\_\_\_\_ry *n.* a workplace for doing scientific research or teaching science; a lab
134. the abs\_\_\_\_\_on of photons *n.* a process in which one substance permeates another; a fluid permeates or is dissolved by a liquid or solid
135. mix vig\_\_\_\_\_ly by hand *adv.* in a way that is very energetic and enthusiastic
136. co\_\_\_\_\_st with a decade ago *v.* to put in opposition to show or emphasize differences
137. 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
138. cas\_\_\_\_\_ase analysis *adj.* referring to a method of dealing with something or someone on an individual basis rather than applying a uniform or blanket strategy or treatment to all cases or situations

ANSWERS: 127. fatty, 128. shed, 129. reef, 130. scratch, 131. marine, 132. globular, 133. laboratory, 134. absorption, 135. vigorously, 136. contrast, 137. pile, 138. case-by-case

139. sc\_\_\_\_\_h my signature      *v.* to cut or damage the surface of something or the skin with a sharp or pointed object
140. br\_\_\_\_\_e bones      *adj.* easily broken, cracked, or shattered when subjected to pressure or stress; lacking flexibility or resilience; fragile
141. hemoglobin met\_\_\_\_\_sm      *n.* the set of chemical reactions in cells or organisms that are necessary for life-sustaining
142. un\_\_\_\_\_o surgery      *v.* to go through something unpleasant or that involves a change
143. in\_\_\_\_\_e a high degree of risk      *v.* to include or affect someone or something as a necessary part of something else
144. art\_\_\_\_\_al environment      *adj.* not natural and made by human beings; not real but produced to resemble something
145. a dr\_\_\_\_\_ic rescue at sea      *adj.* very sudden, very excellent, or full of action and excitement
146. cr\_\_t arts of Japan      *n.* an activity that requires a particular skill in making things with one's hands
147. chemical re\_\_\_\_\_on      *n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
148. the im\_\_\_\_\_te past      *adj.* happening or done without delay or occurring shortly after something else
149. in\_\_\_\_\_te the room from sound      *v.* to protect something by interposing material that prevents heat, noise, electricity, etc.

ANSWERS: 139. scratch, 140. brittle, 141. metabolism, 142. undergo, 143. involve, 144. artificial, 145. dramatic, 146. craft, 147. reaction, 148. immediate, 149. insulate

150. complete a pr\_\_\_\_\_pe product      *n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed
151. con\_\_\_\_\_on rate      *n.* the act or process of changing something from one thing to another; the state of being changed
152. sk\_\_\_\_\_on hand      *n.* the structure of bones in a human or animal body, or a framework of bones or other material that supports a plant
153. a ma\_\_c spell      *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
154. und\_\_\_\_\_th the laughter      *adv.* under or below something else
155. cr\_\_t manufacture      *n.* an activity that requires a particular skill in making things with one's hands
156. principles of sus\_\_\_\_\_le development      *adj.* able to continue or be continued for a long time
157. 3D di\_\_\_\_\_m      *n.* a simplified illustration of the appearance, structure, or workings of something
158. se\_\_\_\_\_ly, it is important      *adv.* used to introduce the second point or item in a list or series of statements, considerations, etc.
159. in a di\_\_\_\_\_m      *n.* a simplified illustration of the appearance, structure, or workings of something
160. the ch\_\_\_\_\_ry of soil      *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions

ANSWERS: 150. prototype, 151. conversion, 152. skeleton, 153. magic, 154. underneath, 155. craft, 156. sustainable, 157. diagram, 158. secondly, 159. diagram, 160. chemistry

161. an\_\_\_\_t stories *adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
162. a su\_\_\_\_y execution *n.* a brief statement that provides the critical aspects of something without going into depth
163. island ac\_\_\_\_on *n.* the process of gradual growth or accumulation, particularly of layers or matter building up over time; the result of such a process
164. to\_\_\_\_wn management *adj.* controlled or implemented from the highest level of authority or management
165. a door with a la\_\_\_\_e frame *n.* an arrangement of points or particles in a regular, repeating pattern in two or three dimensions; a structure consisting of an ornamental design made of strips of wood or metal
166. fa\_\_y acid *adj.* containing a lot of fat
167. dressed br\_\_k *n.* a rectangular block of baked clay used as a building material
168. col\_\_\_\_te on a press release *v.* to work with someone else to produce or achieve something
169. barrier r\_\_f *n.* a long chain or range of rocks or sand near the ocean's surface
170. lab\_\_\_\_ry accident *n.* a workplace for doing scientific research or teaching science; a lab
171. ter\_\_\_\_al planets *adj.* of or relating to the Earth; relating to or inhabiting the land or the ground as opposed to the sea or air

ANSWERS: 161. ancient, 162. summary, 163. accretion, 164. top-down, 165. lattice, 166. fatty, 167. brick, 168. collaborate, 169. reef, 170. laboratory, 171. terrestrial

172. liquid cr\_\_\_\_l  
*n.* a solid material with many even sides that is formed naturally when the substance becomes solid and has a highly regular atomic structure; clear and colorless glass made of almost pure silica
173. a fos\_\_\_\_\_ed grove  
*adj.* transformed into a fossil (= something preserved in rock for a very long period) or preserved in the form of a fossil; antiquated or inflexible
174. com\_\_\_\_\_ty theory  
*n.* the state or quality of being complicated or intricate and difficult to understand
175. s\_\_k a lot of capital  
*v.* to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else
176. t\_\_e a piano  
*n.* a musical composition or set of musical notes that are played or sung; (verb) to adjust or set something to a specific condition or standard
177. co\_\_\_\_\_ct a 3D image  
*v.* to build or create something; to assemble or combine different parts to form something whole
178. de\_\_\_e a plan  
*v.* to come up with an idea, plan, theory, etc., using your intelligence or imagination
179. vig\_\_\_\_\_ly shake  
*adv.* in a way that is very energetic and enthusiastic
180. a co\_\_\_\_\_nt wind  
*adj.* happening repeatedly or all the time

ANSWERS: 172. crystal, 173. fossilized, 174. complexity, 175. sink, 176. tune, 177. construct, 178. devise, 179. vigorously, 180. constant



181. sp\_\_l a bit of wine *v.* to cause or allow liquid to run or flow over the edge of its container by accident
182. co\_\_\_\_\_t research *v.* to organize and carry out a particular activity
183. re\_\_\_\_\_on between cause and effect *n.* the way two persons or groups of people feel and act toward one another
184. co\_\_\_\_\_st two things *v.* to put in opposition to show or emphasize differences
185. electrical cou\_\_\_\_\_ise *n.* a force or influence that balances, counteracts, or offsets another; a weight or force used to balance or stabilize something; a state of equilibrium or balance
186. study arc\_\_\_\_\_ral engineering *adj.* of or relating to the design and construction of buildings and other structures and the features and style of such structures
187. a ge\_\_\_\_\_e article *adj.* real and exactly; not pretended; sincerely felt or expressed
188. 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
189. the steel sk\_\_\_\_\_on of a building *n.* the structure of bones in a human or animal body, or a framework of bones or other material that supports a plant
190. an explosive su\_\_\_\_\_ce *n.* the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug

ANSWERS: 181. spill, 182. conduct, 183. relation, 184. contrast, 185. counterpoise, 186. architectural, 187. genuine, 188. atmosphere, 189. skeleton, 190. substance

191. immune fu\_\_\_\_on *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
192. re\_\_\_\_on of inclusion *n.* the way two persons or groups of people feel and act toward one another
193. vi\_\_\_\_t incident *adj.* involving or caused by physical force or aggression against someone or something
194. ob\_\_\_\_e wildlife *v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
195. a sand p\_\_e *n.* a collection of objects positioned one on top of another; a large sum of something, such as money
196. ba\_\_s for calculation *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
197. legal en\_\_\_\_y *n.* something that exists independently and has its own identity
198. variety of ma\_\_\_\_e life *adj.* relating to the sea and the creatures and plants that live there

ANSWERS: 191. function, 192. relation, 193. violent, 194. observe, 195. pile, 196. basis, 197. entity, 198. marine

199. hi\_\_\_\_ic accomplishment *adj.* famous or significant in history, or potentially so
200. science of ec\_\_\_\_y *n.* the study of the relationships between living organisms, including humans, and their physical environment
201. a gr\_\_\_\_l process *adj.* happening slowly over a long period of time or distance; not steep or abrupt
202. tra\_\_\_\_\_on phase *n.* the process or period of changing from one state or circumstance to another
203. show ge\_\_\_\_e regret *adj.* real and exactly; not pretended; sincerely felt or expressed
204. int\_\_\_\_\_ion by foreign powers *n.* the action or process of being done to improve or help a circumstance, often they have not been asked to do so
205. an ob\_\_\_\_er in the region *n.* a person who watches or notices someone or something but has no active part in it
206. pe\_\_\_\_y with fear *v.* to turn to stone; to make hard and unyielding
207. in\_\_t ingredients *adj.* lacking the ability to move or act, often used to describe an object or substance that is inactive or non-reactive
208. tem\_\_\_\_\_us relationship *adj.* characterized by strong and turbulent or conflicting emotions; stormy or turbulent in nature
209. at\_\_\_\_t customers *v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones

ANSWERS: 199. historic, 200. ecology, 201. gradual, 202. transition, 203. genuine, 204. intervention, 205. observer, 206. petrify, 207. inert, 208. tempestuous, 209. attract

210. teaching of Ch\_\_\_t *n.* the man that Christians believe is the prophet and the son of God, and whose life and sermons form the basis for Christianity
211. br\_\_k wall *n.* a rectangular block of baked clay used as a building material
212. every ni\_\_e of society *n.* a specialized role or position that a species occupies within an ecosystem; a job or position particularly well suited to the person who occupies it
213. botanical ex\_\_\_\_\_t *n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force
214. en\_\_\_\_\_ic dog *adj.* possessing or exerting or displaying energy
215. re\_\_\_\_\_m a competitive position *v.* to take back something previously lost, given, or paid, or ask to have it back
216. stellar ac\_\_\_\_\_on *n.* the process of gradual growth or accumulation, particularly of layers or matter building up over time; the result of such a process
217. sodium ca\_\_\_\_\_te *n.* a carbonic acid salt or ester that contains the anion CO<sub>3</sub>
218. im\_\_\_e tariffs *v.* to officially force a new law, tax, duty, etc. to be obeyed or received
219. early pr\_\_\_\_\_pe *n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed

ANSWERS: 210. Christ, 211. brick, 212. niche, 213. extract, 214. energetic, 215. reclaim, 216. accretion, 217. carbonate, 218. impose, 219. prototype

220. la\_\_\_\_\_e ornament *n.* an arrangement of points or particles in a regular, repeating pattern in two or three dimensions; a structure consisting of an ornamental design made of strips of wood or metal
221. a friendly con\_\_\_\_\_ion *n.* an informal talk between two or more people to exchange their views, ideas, information, etc.
222. beautiful arc\_\_\_\_\_ral landmarks *adj.* of or relating to the design and construction of buildings and other structures and the features and style of such structures
223. cr\_\_\_\_\_l analyses *n.* a solid material with many even sides that is formed naturally when the substance becomes solid and has a highly regular atomic structure; clear and colorless glass made of almost pure silica
224. a civil en\_\_\_\_\_er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
225. fo\_\_\_\_\_ar predecessor *n.* an ancestor or a precursor
226. a brief ex\_\_\_\_\_t from the book *n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force
227. de\_\_\_\_\_t money *n.* a sum of money or materials placed or kept in a bank, safety deposit box, or other secure places for safekeeping; a layer of rock, sand, or other material left behind by a flowing liquid or eroding force

ANSWERS: 220. lattice, 221. conversation, 222. architectural, 223. crystal, 224. engineer, 225. forebear, 226. extract, 227. deposit

228. con\_\_\_\_\_on therapy                      *n.*    the act or process of changing something from one thing to another; the state of being changed
229. in\_\_\_\_\_e a lot of paperwork                      *v.*    to include or affect someone or something as a necessary part of something else
230. make dr\_\_\_\_\_ic changes                      *adj.* very sudden, very excellent, or full of action and excitement

ANSWERS: 228. conversion, 229. involve, 230. dramatic

## Session 3: Fill in the Blanks

1. We must \_\_\_\_\_ a new system to streamline our workflow and increase efficiency.  
*v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
2. 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>
3. The \_\_\_\_\_ of the wetlands allowed for the restoration of the natural ecosystem.  
*n.* the process of restoring or reclaiming something, particularly land or resources that have been damaged or depleted; the act of obtaining or recovering something that was lost or taken away
4. The protesters became \_\_\_\_\_ when the police tried to disperse them.  
*adj.* involving or caused by physical force or aggression against someone or something
5. Wasps often build \_\_\_\_\_ nests in a short period.  
*adj.* having the shape of a ball
6. A \_\_\_\_\_ is at the end of the book.  
*n.* a brief statement that provides the critical aspects of something without going into depth
7. The \_\_\_\_\_ pattern on the fence allowed the vines to climb up and create a natural privacy screen.  
*n.* an arrangement of points or particles in a regular, repeating pattern in two or three dimensions; a structure consisting of an ornamental design made of strips of wood or metal

ANSWERS: 1. develop, 2. carbonate, 3. reclamation, 4. violent, 5. globular, 6. summary, 7. lattice

8. She \_\_\_\_\_ the money from her savings account to her checking account.  
*v.* to move, pass, or change from one person, place, or situation to another
9. \_\_\_\_\_ design has become more focused on human nature aspect than ever before.  
*adj.* of or relating to or resulting from industry
10. His \_\_\_\_\_ speech about his struggles with addiction brought tears to the audience's eyes.  
*adj.* causing strong emotions or feelings, especially sadness or sympathy
11. Is this painting \_\_\_\_\_ or forged?  
*adj.* real and exactly; not pretended; sincerely felt or expressed
12. I made a \_\_\_\_\_ at the bank to add money to my account.  
*n.* a sum of money or materials placed or kept in a bank, safety deposit box, or other secure places for safekeeping; a layer of rock, sand, or other material left behind by a flowing liquid or eroding force
13. Many companies are now enthusiastically embracing the knowledge of \_\_\_\_\_ for sustainable development.  
*n.* the study of the relationships between living organisms, including humans, and their physical environment
14. The \_\_\_\_\_ of the building was cracked and needed to be repaired.  
*n.* the lowest load-bearing part of a building, typically below ground level; a fundamental basis or principle upon which something is built or established; an organization that provides funding or support for charitable or educational purposes

ANSWERS: 8. transferred, 9. Industrial, 10. moving, 11. genuine, 12. deposit, 13. ecology, 14. foundation



15. The findings of the experiment were both \_\_\_\_\_ and unexpected.  
*adj.* causing a lot of interest or excitement
16. They have been living near water since \_\_\_\_\_ times.  
*adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
17. Both forts were subject to \_\_\_\_\_ attacks.  
*adj.* happening or done without delay or occurring shortly after something else
18. Vitamin D is essential to assist the \_\_\_\_\_ of calcium from food.  
*n.* a process in which one substance permeates another; a fluid permeates or is dissolved by a liquid or solid
19. Police will \_\_\_\_\_ random breath testing for drunk driving.  
*v.* to organize and carry out a particular activity
20. He \_\_\_\_\_ a secret tear when he heard the news of his friend's death.  
*v.* to get rid of something as superfluous or unwanted; to cast off hair, skin, horn, or feathers; (noun) an outbuilding with a single story, mainly used for shelter or storage
21. A great stretch of the lake lay \_\_\_\_\_ them.  
*adv.* in or to a lower place than someone or something
22. The city is known for its impressive \_\_\_\_\_ and beautiful old buildings.  
*n.* the art and science of designing and constructing buildings
23. 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

ANSWERS: 15. exciting, 16. ancient, 17. immediate, 18. absorption, 19. conduct, 20. shed, 21. beneath, 22. architecture, 23. environment

24. Trees absorb \_\_\_\_\_ dioxide and give off oxygen.
- n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
25. We had our bedroom \_\_\_\_\_ before winter came.
- v.* to protect something by interposing material that prevents heat, noise, electricity, etc.
26. The project's \_\_\_\_\_ made it difficult for the team to complete it on time.
- n.* the state or quality of being complicated or intricate and difficult to understand
27. The \_\_\_\_\_ management approach could have been more effective in implementing organizational changes.
- adj.* controlled or implemented from the highest level of authority or management
28. The investigation \_\_\_\_\_ several government agencies and is expected to take several months.
- v.* to include or affect someone or something as a necessary part of something else
29. The company \_\_\_\_\_ him after several years of service.
- v.* to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly
30. This evidence will form the \_\_\_\_\_ for our discussion.
- n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
31. She agreed to \_\_\_\_\_ with him in creating new artwork.
- v.* to work with someone else to produce or achieve something

ANSWERS: 24. carbon, 25. insulated, 26. complexity, 27. top-down, 28. involves, 29. dumped, 30. basis, 31. collaborate

32. The vessel ran aground on a \_\_\_\_\_.

*n.* a long chain or range of rocks or sand near the ocean's surface

33. Our container ship went through the Panama \_\_\_\_\_.

*n.* a long and narrow strip of water made artificially either for boats and ships to travel along or for irrigation

34. The rock was completely \_\_\_\_\_ and didn't react when we tried to break it open.

*adj.* lacking the ability to move or act, often used to describe an object or substance that is inactive or non-reactive

35. The majority of synthetic vitamins are \_\_\_\_\_ from oil.

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

36. 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

37. He performed \_\_\_\_\_ tricks with sophisticated moves.

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

38. The \_\_\_\_\_ of the argument was well-presented.

*n.* the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug

39. The rock was formed by the slow \_\_\_\_\_ of sediments over millions of years.

*n.* the process of gradual growth or accumulation, particularly of layers or matter building up over time; the result of such a process

ANSWERS: 32. reef, 33. Canal, 34. inert, 35. manufactured, 36. structure, 37. magic, 38. substance, 39. accretion

40. Firstly, we will discuss the budget; \_\_\_\_\_ we will go over the schedule.

*adv.* used to introduce the second point or item in a list or series of statements, considerations, etc.

41. The nation's healthcare system is in \_\_\_\_\_ at the moment.

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

42. You may be entitled to \_\_\_\_\_ some tax.

*v.* to take back something previously lost, given, or paid, or ask to have it back

43. \_\_\_\_\_ dropping wears away the stone.

*adj.* happening repeatedly or all the time

44. The tourists were excited to explore the remote \_\_\_\_\_ which was uninhabited and untouched.

*n.* a ring-shaped coral reef or a chain of coral islands and reefs surrounding a central lagoon, typically formed by the subsidence of a volcanic island over time, leaving only the coral reefs visible above the water surface

45. He was determined to \_\_\_\_\_ everything.

*v.* to cause or allow liquid to run or flow over the edge of its container by accident

46. This ad campaign is aimed \_\_\_\_\_ at young women.

*adv.* only associated with or meant for one thing

47. The old books in the library were so \_\_\_\_\_ that they crumbled upon touch.

*adj.* easily broken, cracked, or shattered when subjected to pressure or stress; lacking flexibility or resilience; fragile

ANSWERS: 40. secondly, 41. transition, 42. reclaim, 43. Constant, 44. atoll, 45. spill, 46. specifically, 47. brittle

48. The economic stimulation program would \_\_\_\_\_ a lot of new jobs.  
*v.* to produce or create something; to make offspring by reproduction
49. They had to \_\_\_\_\_ a system that did not depend on fossil fuels.  
*v.* to come up with an idea, plan, theory, etc., using your intelligence or imagination
50. The engine did not start because the \_\_\_\_\_ was flat.  
*n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
51. He is familiar with \_\_\_\_\_ and biology.  
*n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
52. The break in the \_\_\_\_ threatened the valley.  
*n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
53. He \_\_\_\_\_ hypotheses that no mathematician has ever imagined before.  
*v.* to build or create something; to assemble or combine different parts to form something whole
54. The \_\_\_\_\_ will repair my telephone tomorrow morning.  
*n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
55. The abandoned ship slowly began to \_\_\_\_\_ into the murky waters of the harbor.  
*v.* to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else

ANSWERS: 48. generate, 49. devise, 50. battery, 51. chemistry, 52. dam, 53. constructs, 54. engineer, 55. sink

56. Animal protection groups call for an end to animal testing in a \_\_\_\_\_.
- n.* a workplace for doing scientific research or teaching science; a lab
57. The country experienced a \_\_\_\_\_ increase in population.
- adj.* happening slowly over a long period of time or distance; not steep or abrupt
58. 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
59. The \_\_\_\_\_ for applying for a visa can be lengthy and complicated.
- n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
60. Scientists studied the ancient \_\_\_\_\_ to learn more about the creature's anatomy.
- n.* the structure of bones in a human or animal body, or a framework of bones or other material that supports a plant
61. It would be \_\_\_\_\_ to dress nicely for the wedding.
- adj.* suitable or proper in the circumstances; fitting
62. The penny fell \_\_\_\_\_ the piano.
- adv.* under or below something else
63. The train has to \_\_\_\_\_ rigorous safety checks.
- v.* to go through something unpleasant or that involves a change

ANSWERS: 56. laboratory, 57. gradual, 58. relations, 59. process, 60. skeleton, 61. appropriate, 62. underneath, 63. undergo

64. 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
65. They had formed a friendship \_\_\_\_\_.
- n.* a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money
66. The \_\_\_\_\_ intelligence system has revolutionized the way we live and work.
- adj.* not natural and made by human beings; not real but produced to resemble something
67. There was a chemical \_\_\_\_\_ of the lime with the groundwater.
- n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
68. The government should do more to support environmentally \_\_\_\_\_ agriculture.
- adj.* able to continue or be continued for a long time
69. The flying car is presently in the \_\_\_\_\_ stage.
- n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed
70. The thought of public speaking will \_\_\_\_\_ her.
- v.* to turn to stone; to make hard and unyielding
71. It is important to \_\_\_\_\_ safety procedures in the workplace to prevent accidents.
- v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion

ANSWERS: 64. piles, 65. bond, 66. artificial, 67. reaction, 68. sustainable, 69. prototype, 70. petrify, 71. observe

72. \_\_\_\_\_ longitude is measured in degrees east or west of the Prime Meridian.

*adj.* of or relating to the Earth; relating to or inhabiting the land or the ground as opposed to the sea or air

73. A business plan is a \_\_\_\_\_ for your success.

*n.* a photographic print of an early plan for a building or machine

74. 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

75. The outermost electron \_\_\_\_\_ determines the chemical properties of an atom.

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

76. This process caused an \_\_\_\_\_ chemical reaction.

*adj.* possessing or exerting or displaying energy

77. \_\_\_\_\_ is the day to celebrate the birth of Christ.

*n.* the man that Christians believe is the prophet and the son of God, and whose life and sermons form the basis for Christianity

78. The dinosaur bones were so old that they had been wholly \_\_\_\_\_ turning to stone over millions of years.

*adj.* transformed into a fossil (= something preserved in rock for a very long period) or preserved in the form of a fossil; antiquated or inflexible

79. The bridge's design incorporated a \_\_\_\_\_ system to ensure stability against strong winds.

*n.* a force or influence that balances, counteracts, or offsets another; a weight or force used to balance or stabilize something; a state of equilibrium or balance

ANSWERS: 72. Terrestrial, 73. blueprint, 74. atmosphere, 75. shell, 76. energetic, 77. Christmas, 78. fossilized, 79. counterpoise



80. The problem with achievement tests is the narrowness they \_\_\_\_\_ on students.  
*v.* to officially force a new law, tax, duty, etc. to be obeyed or received
81. The blood's red coloring comes from iron \_\_\_\_\_.  
*n.* a chemical compound that contains at least one oxygen atom and one other element
82. The government is eager to \_\_\_\_\_ international investment.  
*v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones
83. This \_\_\_\_\_ does not require the patient's consent.  
*n.* the action or process of being done to improve or help a circumstance, often they have not been asked to do so
84. It's intriguing to compare and \_\_\_\_\_ the two authors.  
*v.* to put in opposition to show or emphasize differences
85. The road's \_\_\_\_\_ was steep, making it challenging for cyclists.  
*n.* the degree or rate of incline or decline along a physical or abstract line; a gradual progression
86. The immigration officer will assess every application on a \_\_\_\_\_ basis to determine eligibility for entry.  
*adj.* referring to a method of dealing with something or someone on an individual basis rather than applying a uniform or blanket strategy or treatment to all cases or situations
87. It's \_\_\_\_\_ to wear a helmet when riding a bike.  
*adj.* having good sense or judgment; reasonable; practical; marked by a perception of the importance or seriousness of something

ANSWERS: 80. impose, 81. oxide, 82. attract, 83. intervention, 84. contrast, 85. gradient, 86. case-by-case, 87. sensible

88. Anesthetize the gum before \_\_\_\_\_ the teeth.

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

89. The \_\_\_\_\_ style of the building was a mix of modern and traditional.

*adj.* of or relating to the design and construction of buildings and other structures and the features and style of such structures

90. The species occupies a unique \_\_\_\_\_ in the ecosystem as a top predator.

*n.* a specialized role or position that a species occupies within an ecosystem; a job or position particularly well suited to the person who occupies it

91. The Chinese people have accomplished several \_\_\_\_\_ feats.

*adj.* famous or significant in history, or potentially so

92. He \_\_\_\_\_ scrubbed the stains on the shirt.

*adv.* in a way that is very energetic and enthusiastic

93. The space shuttle is a modern engineering \_\_\_\_\_.

*n.* someone something that causes feelings of wonder or surprise

94. The \_\_\_\_\_ weather delayed our flight for hours.

*adj.* characterized by strong and turbulent or conflicting emotions; stormy or turbulent in nature

95. The developer's \_\_\_\_\_ of the old factory into a modern loft apartment complex was a major success.

*n.* the act or process of changing something from one thing to another; the state of being changed

ANSWERS: 88. extracting, 89. architectural, 90. niche, 91. historic, 92. vigorously, 93. marvel, 94. tempestuous, 95. conversion

96. Don't \_\_\_\_\_ your mosquito bites.

- v.* to cut or damage the surface of something or the skin with a sharp or pointed object

97. His hometown was where he first acquired the \_\_\_\_\_ of wood carving.

- n.* an activity that requires a particular skill in making things with one's hands

98. They used a special receiver to \_\_\_\_\_ police radio channels.

- v.* to observe, check, and track the progress or quality of something over a period of time

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

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

100. The wall was made of hard \_\_\_\_\_ that had been used for centuries.

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

101. The firm has grown into a large \_\_\_\_\_ manufacturing.

- adj.* relating to or connected with chemistry;

102. The building \_\_\_\_\_ tried to build the house above the tree.

- n.* a person whose job is to design plans to be used in making something, such as buildings

103. A vast \_\_\_\_\_ chandelier glittered brightly above us.

- n.* a solid material with many even sides that is formed naturally when the substance becomes solid and has a highly regular atomic structure; clear and colorless glass made of almost pure silica

ANSWERS: 96. scratch, 97. craft, 98. monitor, 99. dramatic, 100. bricks, 101. chemical, 102. architect, 103. crystal

104. He is drawing a \_\_\_\_\_ illustrating how the equipment operates.

*n.* a simplified illustration of the appearance, structure, or workings of something

105. According to the theory of relativity, time is different for each \_\_\_\_\_.

*n.* a person who watches or notices someone or something but has no active part in it

106. You should keep away from \_\_\_\_\_ foods.

*adj.* containing a lot of fat

107. Your \_\_\_\_\_ reflects your thoughts.

*n.* an informal talk between two or more people to exchange their views, ideas, information, etc.

108. A company is a distinct legal \_\_\_\_\_.

*n.* something that exists independently and has its own identity

109. Better sleep leads to increased \_\_\_\_\_.

*n.* the set of chemical reactions in cells or organisms that are necessary for life-sustaining

110. All the supervisor has to do is assign tasks that make his subordinates more \_\_\_\_\_.

*adj.* relating to or involving the use of skill and original and unusual ideas to create something

111. Seals and whales are \_\_\_\_\_ animals beloved by the people.

*adj.* relating to the sea and the creatures and plants that live there

ANSWERS: 104. diagram, 105. observer, 106. fatty, 107. conversation, 108. entity, 109. metabolism, 110. creative, 111. marine

112. 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

113. The band played a beautiful \_\_\_\_\_ on their instruments.

- n.* a musical composition or set of musical notes that are played or sung; (verb) to adjust or set something to a specific condition or standard

114. His \_\_\_\_\_ was one of the first settlers in the area.

- n.* an ancestor or a precursor

115. The brain is an incredibly complex organ that controls the body's \_\_\_\_\_.

- n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

ANSWERS: 112. limestone, 113. tune, 114. forebear, 115. function