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Vocabulary Builder Reference from...

Michael Pawlyn: Using nature's genius in architecture
| TED Talk

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

Advanced Words Only

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Session 1: Word List

abdomen

n. the part of the body between the chest and pelvis that contains the stomach, intestines, liver, pancreas, and other organs; the posterior part of an insect's body, typically divided into segments

synonym : belly, gut, tummy

(1) **abdomen** pain, (2) insect **abdomen**

The weightlifter used his strong **abdomen** muscles to lift the heavy barbell.

humming

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

synonym : buzzing, droning, vibrating

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

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

aramid

adj. relating to a type of strong, heat-resistant synthetic fiber that is used in the production of protective clothing, bulletproof vests, and other high-strength materials

synonym : aromatic, polymeric, synthetic

(1) **aramid** composites, (2) **aramid** gloves

The **aramid** fibers used in constructing the bulletproof vest provided excellent protection.

beetle

n. an insect having a hard shell-like back covering its wings
(1) **beetle** brows, (2) a **beetle** larva
In ancient civilizations, the scarab **beetle** was worshiped as a sacred creature.

human-made

adj. created or produced by humans; artificial
synonym: artificial, unnatural, manufactured
(1) **human-made** climate change, (2) the worst **human-made** disaster
The bridge is a **human-made** structure and was built to span the river.

mimicry

n. the act or skill of copying the sounds or behavior of a particular person or animal, often to make people laugh
synonym: imitation, apery
(1) vocal **mimicry**, (2) floral **mimicry**
Some insects use **mimicry** to avoid detection by predators.

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.

wasteful

adj. characterized by excessive or unnecessary use or consumption; using resources or materials inefficiently or inappropriately, resulting in unnecessary waste or expense
synonym: uneconomical, extravagant, profligate
(1) **wasteful** practices, (2) **wasteful** habits
Buying new clothes every week is a **wasteful** use of money and resources.

pollute

v. to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals

synonym : contaminate, corrupt, degrade

(1) **pollute** the air, (2) **pollute** the thread

We should do our best not to **pollute** the environment.

quarry

n. a place where a stone or other materials are extracted from the ground; an animal or a person that is the target of hunting

synonym : stone pit, prey, target

(1) **quarry** operation, (2) **quarry** site

The hunter tracked down his **quarry** in the woods.

pollen

n. a fine powder substance consisting of microscopic grains produced by plants that facilitate their reproductive process through the process of pollination

synonym : dust, spores, allergen

(1) **pollen** allergy symptoms, (2) high **pollen** count

My allergies flare up during **pollen** season, making it difficult to breathe.

radiology

n. the branch of medicine that uses medical imaging technologies such as X-rays, CT scans, MRIs, and ultrasound to diagnose and treat diseases and injuries

synonym : medical imaging, radiography, radioscopy

(1) interventional **radiology**, (2) diagnostic **radiology**

The patient underwent a **radiology** scan to diagnose their medical condition.

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.

hexagon

n. a six-sided polygon with six angles and six sides of equal length

synonym : hexahedron, six-sided figure, six-gon

(1) **hexagon** head bolt, (2) **hexagon** pattern

The honeycomb structure of a beehive is made up of **hexagons**.

pentagon

n. a flat geometric shape with five straight sides and five angles; a building in Washington, D.C., that houses the U.S. Department of Defense and is the headquarters of the U.S. military

synonym: five-sided shape, quinquangle

(1) equilateral **pentagon**, (2) **pentagon** building

The shape of the building is a distinctive five-sided **pentagon**.

weld

v. to join two or more pieces of metal together by heating their edges until they melt and fuse

synonym: fuse, join, bond

(1) **weld** a team of such people, (2) **weld** two broken pipes

He learned how to **weld** metal in his high school shop class.

inflate

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

synonym: blow up, expand, puff up

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

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

glaze

v. to cover or coat with a thin layer of film, particularly a shiny or glossy layer, such as a layer of protective material on ceramics or a top coat of paint on a surface; to apply a thin, glossy coating to food, often using a sauce or syrup

synonym: coat, enamel, varnish

(1) **glaze** a window, (2) **glaze** over eyes

The baker used a brush to **glaze** the donuts with a sweet, shiny coating.

superstructure

n. the part of a structure or building that is built on top of the foundation or base; a framework or system that is built on top of something else and supports or enhances

it

synonym: framework, structure, infrastructure

(1) **superstructure** design, (2) wooden **superstructure**

The bridge's **superstructure** was carefully constructed to withstand high winds and heavy traffic.

lily

n. a flowering plant with large, showy, trumpet-shaped flowers, typically symbolizing purity, innocence, and beauty

(1) **lily** perfume, (2) water **lily**

The beautiful **lily** garden in the park was a sight to behold.

abalone

n. a type of marine mollusk or sea snail that is highly valued for its meat and attractive, iridescent shell, which is often used for decorative or jewelry-making purposes

synonym: sea snail, mollusk, shellfish

(1) the **abalone** divers, (2) **abalone** meat

She was wearing a beautiful necklace made from an **abalone** shell.

mimic

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

synonym: mirror, imitate, ape

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

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

caviar

n. the eggs of sturgeon or other large fish considered a delicacy and used especially in appetizers

synonym: roe, sturgeon eggs

(1) salmon **caviar**, (2) **caviar** farm

The menu at the fancy restaurant featured a selection of **caviar** from around the world.

graham

n. a type of flour made from whole wheat that has had the bran and germ removed and is often used to make crackers or cookies; a cracker made with this type of

flour

synonym : cracker, biscuit, wafer

(1) **graham** bread, (2) **graham** flour

I enjoyed my camping trip with friends, toasting marshmallows over a glowing **graham** cracker.

shred

v. to tear or cut something into a small pieces; (noun) a tiny or scarcely detectable amount

synonym : rip up, tear up, cut

(1) **shred** paper into little pieces, (2) **shred** lettuce for a salad

There is not a **shred** of evidence that he is guilty.

equestrian

adj. relating to or involving horses or horse riding

synonym : horseback, horse-riding, horse-mounted

(1) **equestrian** sport, (2) an **equestrian** statue

The **equestrian** event was one of the highlights of the competition.

compost

n. a mixture of organic matter, such as food scraps, yard waste, and manure, that is allowed to decompose and is used as fertilizer for plants and garden soil

synonym : fertilizer, humus, manure

(1) organic **compost**, (2) **compost** pile

You can add coffee grounds and crushed eggshells to your **compost** to improve the pH balance.

sturgeon

n. a large, bony fish with a long, pointed snout and scaleless skin found in the northern hemisphere

(1) **sturgeon** fish, (2) **sturgeon** caviar

Sturgeon meat is considered a delicacy in many countries around the world.

resilient

adj. able to withstand or recover quickly from difficult conditions

synonym : robust, sturdy, tough

(1) a hard and **resilient** steel, (2) **resilient** population
She is a **resilient** person and has always bounced back from setbacks.

quirk

n. a peculiar behavior, habit, or characteristic that is distinctive to an individual or group

synonym: eccentricity, idiosyncrasy, peculiarity

(1) personality **quirk**, (2) a **quirk** of fate

One of her **quirks** is that she always wears mismatched socks.

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.

anaerobic

adj. living or occurring in the absence of oxygen; relating to or involving a process that does not require oxygen

synonym: oxygen-free, without oxygen, anoxic

(1) **anaerobic** atmosphere, (2) **anaerobic** exercise

Anaerobic bacteria thrive in environments without oxygen, such as a sealed landfill.

biodegrade

v. to decay naturally by microorganisms, such as bacteria and fungi

(1) **biodegrade** by the microorganism, (2) bioplastic designed to **biodegrade**

The company's plastic products are easily **biodegraded** thanks to a unique manufacturing process.

electrify

v. to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

synonym: wire, amaze, astonish

(1) **electrify** the audience, (2) **electrify** a manufacturing

process

The product developed through years of research continues to **electrify** the market.

supple

adj. flexible and easy to bend or move; gracefully agile; adaptable or responsive to change or new ideas

synonym: flexible, pliable, bendable

(1) **supple** muscles, (2) **supple** leather

The ballerina's **supple** movements left the audience mesmerized.

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.

roundabout

n. a circuitous or indirect route or path; a traffic circle or rotary used to regulate the flow of traffic

synonym: detour, circuitous route, indirect path

(1) **roundabout** junction, (2) traffic **roundabout**

Because of the road closure, we had to take a **roundabout** route to reach the destination.

eyesore

n. something unpleasant, unattractive, or offensive to look at, often because it is neglected, run-down, or out of place

synonym: monstrosity, blot, blemish

(1) environmental **eyesore**, (2) **eyesore** landscape

The construction site was an **eyesore** that disrupted the peacefulness of the area.

reconnect

v. to connect again after a break or interruption

synonym: reopen, rejoin, link up

(1) **reconnect** a telephone, (2) **reconnect** with family
After a long period of estrangement, they **reconnected** with each other.

cedar

n. a type of fragrant, evergreen tree that is known for its reddish-brown wood and its use in furniture, building materials, and as an ornamental plant

synonym : juniper, redwood, pine

(1) **cedar** wood, (2) **cedar** bark

Tall **cedar** trees surrounded the cabin in the woods.

cypress

n. a tall, conical-shaped evergreen tree with small, needle-like leaves and small cones, often used in landscaping and as ornamental trees

synonym : evergreen, conifer

(1) **cypress** swamp, (2) **cypress** wood

The **cypress** trees provide a picturesque backdrop for the lake.

colonize

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

synonym : settle, occupy, inhabit

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

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

benign

adj. kind and gentle; not harmful or malicious

synonym : kind, gentle, harmless

(1) **benign** tumor, (2) a **benign** smile

The lump was discovered to be **benign**, and no further treatment was needed.

converse

v. to talk informally

synonym : discourse, discuss, exchange

(1) **converse** with an acquaintance, (2) ask a **converse** question

She enjoyed the opportunity to **converse** with a person who spoke her language.

exacerbate

v. to make a situation, problem, or feeling worse

synonym: worsen, aggravate, escalate

(1) **exacerbate** the situation, (2) **exacerbate** symptoms

The heat wave **exacerbated** the drought conditions.

photosynthesis

n. the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.

(1) oxygenic **photosynthesis**, (2) process of

photosynthesis

In **photosynthesis**, plants use carbon dioxide to feed themselves.

scarcity

n. the state of being in short supply; a small and inadequate amount

synonym: lack, absence, dearth

(1) fuel **scarcity**, (2) **scarcity** of capital

Some research says that a relative decline in teacher salaries is causing labor **scarcity**.

dun

adj. having a dull brownish-gray color, often used to describe the color of certain animals, such as a dun horse; (verb) to repeatedly and insistently demand payment of a debt or money owed

synonym: dark, gloomy, somber

(1) **dun** horse, (2) **dun** him for the unpaid bills

The spider was camouflaged on the **dun-colored** rock, waiting for its next prey.

matte

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

synonym: dull, flat, lusterless

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

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

radiate

v. to spread out or emit something, such as light or heat, in all directions

synonym: give off, scatter, beam

(1) **radiate** an aura, (2) **radiate** in all directions

Roads **radiate** from the famous building in the center of the city.

droplet

n. a small drop of liquid

synonym: bead, drip, dewdrop

(1) **droplet** size, (2) **droplet** formation

A single **droplet** of water can reflect the entire world upside down.

sunrise

n. the time in the morning when the sun first appears in the sky

synonym: daybreak, morning, dawn

(1) beautiful **sunrise**, (2) high-technology **sunrise** industries

I got up early to watch the **sunrise** at the summit.

ingenuity

n. the quality of inventing things or solving problems in clever new ways

synonym: creativity, invention, originality

(1) the infinite **ingenuity** of man, (2) abound in **ingenuity**

Creativity and **ingenuity** are often brought about by extreme concentration.

hydrophilic

adj. having a strong affinity or attraction to water; capable of absorbing or dissolving in water

synonym: water-attracting, water-loving

(1) **hydrophilic** polymers, (2) **hydrophilic** properties

The **hydrophilic** material easily absorbs and retains water.

waxy

adj. having a texture or appearance that is similar to wax; smooth and shiny; resistant to water or other liquids

synonym: greasy, oily, glossy

(1) **waxy** texture, (2) **waxy** buildup

The **waxy** coating on the apple made it difficult to wash.

repel

v. to force an attack or attacker to withdraw or retreat

synonym: turn away, fight off, force back

(1) **repel** bandits, (2) **repel** bad luck

This material can **repel** moisture swiftly.

spherical

adj. having the shape of a sphere; round, spherical, or ball-shaped in appearance

synonym: round, orbicular, spherical

(1) **spherical** shape, (2) **spherical** object

The Earth is a nearly **spherical** planet.

constrain

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

synonym: restrict, limit, confine

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

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

seawater

n. water from the sea or ocean, typically containing salt and various other dissolved minerals

synonym: saltwater, brine, ocean water

(1) **seawater** pollution, (2) **seawater** bacteria

The desalination plant turned **seawater** into drinking water through a complex process.

arid

adj. lacking in moisture or rainfall; dry and barren; lacking in interest, life, or vitality

synonym: dry, parched, barren

(1) **arid** terrain, (2) semi- **arid** zone

The desert is known for its **arid** climate and lack of rainfall.

evaporate

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

synonym:

vaporize, disappear, vanish

(1) **evaporate** the water, (2) **evaporate** almost overnight
The sun will **evaporate** the mist.

trickle

v. to flow or drip slowly and in small amounts; to happen or occur gradually or in small quantities

synonym: dribble, flow, seep

(1) **trickle** down my cheek, (2) **trickle** from his eyes

Water was beginning to **trickle** into the basement after the heavy rain.

humid

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

synonym: damp, muggy, moist

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

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

condense

v. to reduce the volume or size of something, often by removing water or other liquid; to make something shorter, more concise, or more concentrated

synonym: compress, compact, shorten

(1) **condense** the text, (2) **condense** water vapor

I need to **condense** all of my notes into a manageable summary for my presentation.

elevate

v. to raise something from a lower to a higher position; to give a promotion to or assign to a higher position

synonym: lift, heighten, promote

(1) **elevate** educational standards, (2) **elevate** a close relationship

Eating food in a hurry **elevates** blood glucose levels.

blot

v. to soak up a liquid by using a piece of cloth, paper, etc.; to make a spot or spots onto paper

synonym: stain, smudge, mar

(1) **blot** my eyes, (2) **blot** anything out of existence

She tried to **blot** out the unpleasant memory with alcohol.

barren

adj. unable to produce or sustain growth; lacking fertility; unproductive; lacking interest, excitement, or creativity; empty or desolate

synonym : sterile, infertile, unproductive

(1) **barren** wasteland, (2) **barren** desert

The desert is known for its **barren** terrain with no sign of vegetation.

symbiotic

adj. involving two varieties of animal or plant, each of which supplies the conditions for the other to exist

(1) **symbiotic** economy, (2) **symbiotic** bacteria

We have a mutually **symbiotic** connection with them.

intractable

adj. difficult to manage or control; stubborn or obstinate

synonym : obstinate, stubborn, unyielding

(1) **intractable** pain, (2) **intractable** situation

The **intractable** problem defied a solution.

synergy

n. the interaction of elements that, when combined, produce a total effect that is greater than the sum of the individual elements

synonym : cooperation, collaboration, partnership

(1) **synergy** collaboration, (2) **synergy** between businesses

The new software program was designed to increase productivity by promoting employee **synergy**.

mineralize

v. to convert or incorporate minerals into something, such as water, soil, or organic matter; to transform organic materials into a mineral form, often through natural processes

synonym : mineralize, fortify, strengthen

(1) **mineralize** bones, (2) **mineralize** toxins in the soil

The new soil treatment will help **mineralize** the nutrients, making them more accessible to the plants.

underutilized

adj. not used as much as is possible or necessary

synonym : underused, neglected, unappreciated

(1) **underutilized** resources, (2) **underutilized** space

The factory has been **underutilized** for years and requires renovation.

crystallize

v. to form crystals from a liquid or solution; to become clear or definite in form or structure; to solidify

synonym : solidify, freeze, shape up

(1) **crystallize** a concept, (2) **crystallize** into reality

As the sugar water cools, it will slowly **crystallize** into rock candy.

carbonate

n. a carbonic acid salt or ester that contains the anion CO₃

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

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

encrust

v. to cover or coat something with a crust (= hard outer layer), often as a result of an accumulation of materials over time

synonym : coat, cover

(1) **encrust** coral reef, (2) **encrust** the rim of the glass

The jeweler **encrusted** the crown with a variety of precious stones.

compress

v. to press or squeeze together to make something take up less space

synonym : condense, constrict, squeeze

(1) **compress** the chest, (2) **compress** gas

She **compressed** the files into a single ZIP archive to save space on her computer.

fertilize

v. to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well

synonym : pollinate, inseminate, enrich

(1) **fertilize** the soil, (2) **fertilize** the female egg
The couple decided to use the non-husband sperm to **fertilize** a wife.

lithium

n. a soft, silvery-white metal that is highly reactive and used in batteries, alloy production, and medications for bipolar disorder

synonym: lithy, Li, salt

(1) **lithium** carbonate, (2) **lithium** mining

Lithium-ion batteries are commonly used in laptops, smartphones, and electric vehicles.

gulf

n. a large ocean inlet or deep bay that is partially enclosed by land

synonym: chasm, divide, abyss

(1) **gulf** war, (2) **gulf** stream

The **Gulf** of Mexico is a body of water in the southern United States.

salinity

n. the presence or amount of salt in a substance, especially in water or soil; the measure of the concentration of dissolved salts in a liquid

synonym: saltiness, brackishness

(1) marine **salinity**, (2) **salinity** intrusion

The **salinity** levels in the ocean have been increasing due to climate change.

brine

n. a strong solution of salt water used for preserving food, especially meat or fish; saline water found in salt mines or evaporated from seawater

synonym: saltwater, seawater, saline

(1) **brine** solution, (2) **brine** shrimp

The recipe called for a teaspoon of **brine** to add flavor.

desalination

n. the process of removing salt, especially from seawater

(1) shut down a **desalination** plant, (2) water **desalination**

He worked on improving the equipment using the freeze-**desalination** method.

flotilla

n. a fleet or group of boats or small vessels typically used for military, naval, or recreational purposes

synonym: fleet, armada, squadron

(1) small **flotilla**, (2) naval **flotilla**

The **flotilla** of boats sailed together in perfect formation for the maritime parade.

carpenter

n. a woodworker whose job is to make or repair wooden objects

synonym: woodworker, artisan

(1) a short **carpenter** nail, (2) an apprentice **carpenter**

Carpenter bees are boring holes into the wall.

ablaze

adj. on fire; burning brightly

synonym: burning, alight, on fire

(1) sky **ablaze** with stars, (2) **ablaze** with passion

The building was **ablaze** with fire.

Session 2: Spelling

- | | |
|-------------------------------|--|
| 1. organic co_____t | <i>n.</i> a mixture of organic matter, such as food scraps, yard waste, and manure, that is allowed to decompose and is used as fertilizer for plants and garden soil |
| 2. mi__c numerous instruments | <i>v.</i> to imitate someone's speech, movement, or behavior, especially to make others laugh |
| 3. alkaline ca_____te | <i>n.</i> a carbonic acid salt or ester that contains the anion CO ₃ |
| 4. co_____ss the chest | <i>v.</i> to press or squeeze together to make something take up less space |
| 5. su___e muscles | <i>adj.</i> flexible and easy to bend or move; gracefully agile; adaptable or responsive to change or new ideas |
| 6. fuel sc_____ty | <i>n.</i> the state of being in short supply; a small and inadequate amount |
| 7. und_____zed resources | <i>adj.</i> not used as much as is possible or necessary |
| 8. g__f war | <i>n.</i> a large ocean inlet or deep bay that is partially enclosed by land |
| 9. equilateral pe_____on | <i>n.</i> a flat geometric shape with five straight sides and five angles; a building in Washington, D.C., that houses the U.S. Department of Defense and is the headquarters of the U.S. military |

ANSWERS: 1. compost, 2. mimic, 3. carbonate, 4. compress, 5. supple, 6. scarcity, 7. underutilized, 8. gulf, 9. pentagon

10. naval fl____la *n.* a fleet or group of boats or small vessels typically used for military, naval, or recreational purposes
11. ar____d gloves *adj.* relating to a type of strong, heat-resistant synthetic fiber that is used in the production of protective clothing, bulletproof vests, and other high-strength materials
12. el____e educational standards *v.* to raise something from a lower to a higher position; to give a promotion to or assign to a higher position
13. mi__c a human voice *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
14. a be____n smile *adj.* kind and gentle; not harmful or malicious
15. po____e the air *v.* to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals
16. wooden sup_____ure *n.* the part of a structure or building that is built on top of the foundation or base; a framework or system that is built on top of something else and supports or enhances it
17. re_____ct a telephone *v.* to connect again after a break or interruption
18. ma__e coating *adj.* having a surface without a shine, luster; non-glossy

ANSWERS: 10. flotilla, 11. aramid, 12. elevate, 13. mimic, 14. benign, 15. pollute, 16. superstructure, 17. reconnect, 18. matte

19. su___e leather *adj.* flexible and easy to bend or move; gracefully agile; adaptable or responsive to change or new ideas
20. ca___r farm *n.* the eggs of sturgeon or other large fish considered a delicacy and used especially in appetizers
21. el_____fy the audience *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
22. he_____n head bolt *n.* a six-sided polygon with six angles and six sides of equal length
23. g__f stream *n.* a large ocean inlet or deep bay that is partially enclosed by land
24. exa_____te symptoms *v.* to make a situation, problem, or feeling worse
25. w__y texture *adj.* having a texture or appearance that is similar to wax; smooth and shiny; resistant to water or other liquids
26. de___e a plan *v.* to come up with an idea, plan, theory, etc., using your intelligence or imagination
27. co_____ze for cultivation *v.* to establish a colony in or on a specific place; to settle or occupy in large numbers
28. po___n allergy symptoms *n.* a fine powder substance consisting of microscopic grains produced by plants that facilitate their reproductive process through the process of pollination

ANSWERS: 19. supple, 20. caviar, 21. electrify, 22. hexagon, 23. gulf, 24. exacerbate, 25. waxy, 26. devise, 27. colonize, 28. pollen

29. co_____ss gas *v.* to press or squeeze together to make something take up less space
30. co_____se with an acquaintance *v.* to talk informally
31. gr____m flour *n.* a type of flour made from whole wheat that has had the bran and germ removed and is often used to make crackers or cookies; a cracker made with this type of flour
32. w____d two broken pipes *v.* to join two or more pieces of metal together by heating their edges until they melt and fuse
33. co_____ze planets *v.* to establish a colony in or on a specific place; to settle or occupy in large numbers
34. cry_____ze a concept *v.* to form crystals from a liquid or solution; to become clear or definite in form or structure; to solidify
35. sky ab____e with stars *adj.* on fire; burning brightly
36. gr____m bread *n.* a type of flour made from whole wheat that has had the bran and germ removed and is often used to make crackers or cookies; a cracker made with this type of flour
37. in_____e expense reports *v.* to fill something with air or gas so that it becomes bigger and rounder
38. st_____on fish *n.* a large, bony fish with a long, pointed snout and scaleless skin found in the northern hemisphere

ANSWERS: 29. compress, 30. converse, 31. graham, 32. weld, 33. colonize, 34. crystallize, 35. ablaze, 36. graham, 37. inflate, 38. sturgeon

39. marine sa_____ty *n.* the presence or amount of salt in a substance, especially in water or soil; the measure of the concentration of dissolved salts in a liquid
40. el_____fy a manufacturing process *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
41. ar____d composites *adj.* relating to a type of strong, heat-resistant synthetic fiber that is used in the production of protective clothing, bulletproof vests, and other high-strength materials
42. equ_____an sport *adj.* relating to or involving horses or horse riding
43. ab____e with passion *adj.* on fire; burning brightly
44. st_____on caviar *n.* a large, bony fish with a long, pointed snout and scaleless skin found in the northern hemisphere
45. sc_____ty of capital *n.* the state of being in short supply; a small and inadequate amount
46. wa_____ul habits *adj.* characterized by excessive or unnecessary use or consumption; using resources or materials inefficiently or inappropriately, resulting in unnecessary waste or expense
47. in_____e a tire *v.* to fill something with air or gas so that it becomes bigger and rounder
48. interventional ra_____gy *n.* the branch of medicine that uses medical imaging technologies such as X-rays, CT scans, MRIs, and ultrasound to diagnose and treat diseases and injuries

ANSWERS: 39. salinity, 40. electrify, 41. aramid, 42. equestrian, 43. ablaze, 44. sturgeon, 45. scarcity, 46. wasteful, 47. inflate, 48. radiology

49. an op_____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
50. tr_____e down my cheek *v.* to flow or drip slowly and in small amounts; to happen or occur gradually or in small quantities
51. hum_____de climate change *adj.* created or produced by humans; artificial
52. he_____n pattern *n.* a six-sided polygon with six angles and six sides of equal length
53. a__d terrain *adj.* lacking in moisture or rainfall; dry and barren; lacking in interest, life, or vitality
54. sy_____y between businesses *n.* the interaction of elements that, when combined, produce a total effect that is greater than the sum of the individual elements
55. be____n tumor *adj.* kind and gentle; not harmful or malicious
56. w__d a team of such people *v.* to join two or more pieces of metal together by heating their edges until they melt and fuse
57. ab_____n pain *n.* the part of the body between the chest and pelvis that contains the stomach, intestines, liver, pancreas, and other organs; the posterior part of an insect's body, typically divided into segments
58. ba____n wasteland *adj.* unable to produce or sustain growth; lacking fertility; unproductive; lacking interest, excitement, or creativity; empty or desolate

ANSWERS: 49. opportune, 50. trickle, 51. human-made, 52. hexagon, 53. arid, 54. synergy, 55. benign, 56. weld, 57. abdomen, 58. barren

59. salmon ca___r *n.* the eggs of sturgeon or other large fish considered a delicacy and used especially in appetizers
60. w___y buildup *adj.* having a texture or appearance that is similar to wax; smooth and shiny; resistant to water or other liquids
61. dr_____t formation *n.* a small drop of liquid
62. und_____zed space *adj.* not used as much as is possible or necessary
63. qu___y operation *n.* a place where a stone or other materials are extracted from the ground; an animal or a person that is the target of hunting
64. b___t my eyes *v.* to soak up a liquid by using a piece of cloth, paper, etc.; to make a spot or spots onto paper
65. ev_____te almost overnight *v.* to turn a liquid into a gas; to become less intense and disappear gradually
66. tr_____e from his eyes *v.* to flow or drip slowly and in small amounts; to happen or occur gradually or in small quantities
67. ey_____e landscape *n.* something unpleasant, unattractive, or offensive to look at, often because it is neglected, run-down, or out of place
68. cy_____s swamp *n.* a tall, conical-shaped evergreen tree with small, needle-like leaves and small cones, often used in landscaping and as ornamental trees
69. shut down a des_____ion plant *n.* the process of removing salt, especially from seawater

ANSWERS: 59. caviar, 60. waxy, 61. droplet, 62. underutilized, 63. quarry, 64. blot, 65. evaporate, 66. trickle, 67. eyesore, 68. cypress, 69. desalination

70. li_____m mining *n.* a soft, silvery-white metal that is highly reactive and used in batteries, alloy production, and medications for bipolar disorder
71. fe_____ze the soil *v.* to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well
72. se_____ly connected *adv.* used to introduce the second point or item in a list or series of statements, considerations, etc.
73. rou_____ut junction *n.* a circuitous or indirect route or path; a traffic circle or rotary used to regulate the flow of traffic
74. sp_____al shape *adj.* having the shape of a sphere; round, spherical, or ball-shaped in appearance
75. ab_____e meat *n.* a type of marine mollusk or sea snail that is highly valued for its meat and attractive, iridescent shell, which is often used for decorative or jewelry-making purposes
76. a qu__k of fate *n.* a peculiar behavior, habit, or characteristic that is distinctive to an individual or group
77. sy_____y collaboration *n.* the interaction of elements that, when combined, produce a total effect that is greater than the sum of the individual elements
78. br__e shrimp *n.* a strong solution of salt water used for preserving food, especially meat or fish; saline water found in salt mines or evaporated from seawater

ANSWERS: 70. lithium, 71. fertilize, 72. secondly, 73. roundabout, 74. spherical, 75. abalone, 76. quirk, 77. synergy, 78. brine

79. hu____g sound *adj.* producing a continuous, low, vibrating sound like that of the bee
80. ce__r bark *n.* a type of fragrant, evergreen tree that is known for its reddish-brown wood and its use in furniture, building materials, and as an ornamental plant
81. ev_____te the water *v.* to turn a liquid into a gas; to become less intense and disappear gradually
82. d_n him for the unpaid bills *adj.* having a dull brownish-gray color, often used to describe the color of certain animals, such as a dun horse; (verb) to repeatedly and insistently demand payment of a debt or money owed
83. small fl____la *n.* a fleet or group of boats or small vessels typically used for military, naval, or recreational purposes
84. re__l bad luck *v.* to force an attack or attacker to withdraw or retreat
85. qu____y site *n.* a place where a stone or other materials are extracted from the ground; an animal or a person that is the target of hunting
86. vocal mi____y *n.* the act or skill of copying the sounds or behavior of a particular person or animal, often to make people laugh
87. ra_____e in all directions *v.* to spread out or emit something, such as light or heat, in all directions
88. an apprentice ca_____er *n.* a woodworker whose job is to make or repair wooden objects

ANSWERS: 79. humming, 80. cedar, 81. evaporate, 82. dun, 83. flotilla, 84. repel, 85. quarry, 86. mimicry, 87. radiate, 88. carpenter

89. b__t anything out of existence *v.* to soak up a liquid by using a piece of cloth, paper, etc.; to make a spot or spots onto paper
90. the ab_____e divers *n.* a type of marine mollusk or sea snail that is highly valued for its meat and attractive, iridescent shell, which is often used for decorative or jewelry-making purposes
91. gl__e over eyes *v.* to cover or coat with a thin layer of film, particularly a shiny or glossy layer, such as a layer of protective material on ceramics or a top coat of paint on a surface; to apply a thin, glossy coating to food, often using a sauce or syrup
92. cry_____ze into reality *v.* to form crystals from a liquid or solution; to become clear or definite in form or structure; to solidify
93. a be___e larva *n.* an insect having a hard shell-like back covering its wings
94. sy_____ic economy *adj.* involving two varieties of animal or plant, each of which supplies the conditions for the other to exist
95. co_____se water vapor *v.* to reduce the volume or size of something, often by removing water or other liquid; to make something shorter, more concise, or more concentrated
96. traffic rou_____ut *n.* a circuitous or indirect route or path; a traffic circle or rotary used to regulate the flow of traffic
97. sp_____al object *adj.* having the shape of a sphere; round, spherical, or ball-shaped in appearance

ANSWERS: 89. blot, 90. abalone, 91. glaze, 92. crystallize, 93. beetle, 94. symbiotic, 95. condense, 96. roundabout, 97. spherical

98. sodium ca_____te *n.* a carbonic acid salt or ester that contains the anion CO₃
99. min_____ze bones *v.* to convert or incorporate minerals into something, such as water, soil, or organic matter; to transform organic materials into a mineral form, often through natural processes
100. co_____t pile *n.* a mixture of organic matter, such as food scraps, yard waste, and manure, that is allowed to decompose and is used as fertilizer for plants and garden soil
101. re_____nt population *adj.* able to withstand or recover quickly from difficult conditions
102. ra_____e an aura *v.* to spread out or emit something, such as light or heat, in all directions
103. environmental ey_____e *n.* something unpleasant, unattractive, or offensive to look at, often because it is neglected, run-down, or out of place
104. sh__d paper into little pieces *v.* to tear or cut something into a small pieces; (noun) a tiny or scarcely detectable amount
105. bioplastic designed to bio_____de *v.* to decay naturally by microorganisms, such as bacteria and fungi
106. sa_____ty intrusion *n.* the presence or amount of salt in a substance, especially in water or soil; the measure of the concentration of dissolved salts in a liquid
107. sy_____ic bacteria *adj.* involving two varieties of animal or plant, each of which supplies the conditions for the other to exist

ANSWERS: 98. carbonate, 99. mineralize, 100. compost, 101. resilient, 102. radiate, 103. eyesore, 104. shred, 105. biodegrade, 106. salinity, 107. symbiotic

108. high po___n count *n.* a fine powder substance consisting of microscopic grains produced by plants that facilitate their reproductive process through the process of pollination
109. hyd_____ic polymers *adj.* having a strong affinity or attraction to water; capable of absorbing or dissolving in water
110. co_____se the text *v.* to reduce the volume or size of something, often by removing water or other liquid; to make something shorter, more concise, or more concentrated
111. li_____m carbonate *n.* a soft, silvery-white metal that is highly reactive and used in batteries, alloy production, and medications for bipolar disorder
112. gl___e a window *v.* to cover or coat with a thin layer of film, particularly a shiny or glossy layer, such as a layer of protective material on ceramics or a top coat of paint on a surface; to apply a thin, glossy coating to food, often using a sauce or syrup
113. hu__d climate *adj.* having a high amount of moisture or water vapor in the air; damp; muggy
114. se_____er bacteria *n.* water from the sea or ocean, typically containing salt and various other dissolved minerals
115. int_____le pain *adj.* difficult to manage or control; stubborn or obstinate
116. en_____t coral reef *v.* to cover or coat something with a crust (= hard outer layer), often as a result of an accumulation of materials over time

ANSWERS: 108. pollen, 109. hydrophilic, 110. condense, 111. lithium, 112. glaze, 113. humid, 114. seawater, 115. intractable, 116. encrust

117. se_____er pollution *n.* water from the sea or ocean, typically containing salt and various other dissolved minerals
118. sh__d lettuce for a salad *v.* to tear or cut something into a small pieces; (noun) a tiny or scarcely detectable amount
119. be___e brows *n.* an insect having a hard shell-like back covering its wings
120. int_____le situation *adj.* difficult to manage or control; stubborn or obstinate
121. water des_____ion *n.* the process of removing salt, especially from seawater
122. dr_____t size *n.* a small drop of liquid
123. process of pho_____sis *n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.
124. floral mi_____y *n.* the act or skill of copying the sounds or behavior of a particular person or animal, often to make people laugh
125. bio_____de by the microorganism *v.* to decay naturally by microorganisms, such as bacteria and fungi
126. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
127. pe_____on building *n.* a flat geometric shape with five straight sides and five angles; a building in Washington, D.C., that houses the U.S. Department of Defense and is the headquarters of the U.S. military

ANSWERS: 117. seawater, 118. shred, 119. beetle, 120. intractable, 121. desalination, 122. droplet, 123. photosynthesis, 124. mimicry, 125. biodegrade, 126. opportune, 127. pentagon

128. en_____t the rim of the glass *v.* to cover or coat something with a crust (= hard outer layer), often as a result of an accumulation of materials over time
129. el_____e a close relationship *v.* to raise something from a lower to a higher position; to give a promotion to or assign to a higher position
130. wa_____ul practices *adj.* characterized by excessive or unnecessary use or consumption; using resources or materials inefficiently or inappropriately, resulting in unnecessary waste or expense
131. re_____ct with family *v.* to connect again after a break or interruption
132. water l__y *n.* a flowering plant with large, showy, trumpet-shaped flowers, typically symbolizing purity, innocence, and beauty
133. exa_____te the situation *v.* to make a situation, problem, or feeling worse
134. hu_____g bird *adj.* producing a continuous, low, vibrating sound like that of the bee
135. sup_____ure design *n.* the part of a structure or building that is built on top of the foundation or base; a framework or system that is built on top of something else and supports or enhances it
136. br__e solution *n.* a strong solution of salt water used for preserving food, especially meat or fish; saline water found in salt mines or evaporated from seawater

ANSWERS: 128. encrust, 129. elevate, 130. wasteful, 131. reconnect, 132. lily, 133. exacerbate, 134. humming, 135. superstructure, 136. brine

137. uncomfortably hu__d *adj.* having a high amount of moisture or water vapor in the air; damp; muggy
138. a short ca_____er nail *n.* a woodworker whose job is to make or repair wooden objects
139. fe_____ze the female egg *v.* to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well
140. ce__r wood *n.* a type of fragrant, evergreen tree that is known for its reddish-brown wood and its use in furniture, building materials, and as an ornamental plant
141. photo with a ma__e finish *adj.* having a surface without a shine, luster; non-glossy
142. a hard and re_____nt steel *adj.* able to withstand or recover quickly from difficult conditions
143. cy_____s wood *n.* a tall, conical-shaped evergreen tree with small, needle-like leaves and small cones, often used in landscaping and as ornamental trees
144. po_____e the thread *v.* to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals
145. ba___n desert *adj.* unable to produce or sustain growth; lacking fertility; unproductive; lacking interest, excitement, or creativity; empty or desolate

ANSWERS: 137. humid, 138. carpenter, 139. fertilize, 140. cedar, 141. matte, 142. resilient, 143. cypress, 144. pollute, 145. barren

146. re__l bandits *v.* to force an attack or attacker to withdraw or retreat
147. an equ_____an statue *adj.* relating to or involving horses or horse riding
148. insect ab_____n *n.* the part of the body between the chest and pelvis that contains the stomach, intestines, liver, pancreas, and other organs; the posterior part of an insect's body, typically divided into segments
149. de___e a literary plot *v.* to come up with an idea, plan, theory, etc., using your intelligence or imagination
150. se_____ly, it is important *adv.* used to introduce the second point or item in a list or series of statements, considerations, etc.
151. co_____in his freedom *v.* to restrict or limit someone or something's freedom or ability to do something
152. the infinite in_____ty of man *n.* the quality of inventing things or solving problems in clever new ways
153. d_n horse *adj.* having a dull brownish-gray color, often used to describe the color of certain animals, such as a dun horse; (verb) to repeatedly and insistently demand payment of a debt or money owed
154. an_____ic atmosphere *adj.* living or occurring in the absence of oxygen; relating to or involving a process that does not require oxygen
155. 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

ANSWERS: 146. repel, 147. equestrian, 148. abdomen, 149. devise, 150. secondly, 151. constrain, 152. ingenuity, 153. dun, 154. anaerobic, 155. mushroom

156. personality qu__k *n.* a peculiar behavior, habit, or characteristic that is distinctive to an individual or group
157. an____ic exercise *adj.* living or occurring in the absence of oxygen; relating to or involving a process that does not require oxygen
158. 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
159. ask a co____se question *v.* to talk informally
160. beautiful su____e *n.* the time in the morning when the sun first appears in the sky
161. co____in information flow *v.* to restrict or limit someone or something's freedom or ability to do something
162. abound in in____ty *n.* the quality of inventing things or solving problems in clever new ways
163. min____ze toxins in the soil *v.* to convert or incorporate minerals into something, such as water, soil, or organic matter; to transform organic materials into a mineral form, often through natural processes
164. high-technology su____e industries *n.* the time in the morning when the sun first appears in the sky
165. l__y perfume *n.* a flowering plant with large, showy, trumpet-shaped flowers, typically symbolizing purity, innocence, and beauty
166. oxygenic pho______sis *n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.

ANSWERS: 156. quirk, 157. anaerobic, 158. mushroom, 159. converse, 160. sunrise, 161. constrain, 162. ingenuity, 163. mineralize, 164. sunrise, 165. lily, 166. photosynthesis

167. the worst hum_____de disaster *adj.* created or produced by humans; artificial
168. semi-a__d zone *adj.* lacking in moisture or rainfall; dry and barren; lacking in interest, life, or vitality
169. diagnostic ra_____gy *n.* the branch of medicine that uses medical imaging technologies such as X-rays, CT scans, MRIs, and ultrasound to diagnose and treat diseases and injuries
170. hyd_____ic properties *adj.* having a strong affinity or attraction to water; capable of absorbing or dissolving in water

ANSWERS: 167. human-made, 168. arid, 169. radiology, 170. hydrophilic

Session 3: Fill in the Blanks

1. We have a mutually _____ connection with them.
adj. involving two varieties of animal or plant, each of which supplies the conditions for the other to exist
2. Roads _____ from the famous building in the center of the city.
v. to spread out or emit something, such as light or heat, in all directions
3. The new soil treatment will help _____ the nutrients, making them more accessible to the plants.
v. to convert or incorporate minerals into something, such as water, soil, or organic matter; to transform organic materials into a mineral form, often through natural processes
4. 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.
5. The desalination plant turned _____ into drinking water through a complex process.
n. water from the sea or ocean, typically containing salt and various other dissolved minerals
6. I need to _____ all of my notes into a manageable summary for my presentation.
v. to reduce the volume or size of something, often by removing water or other liquid; to make something shorter, more concise, or more concentrated
7. In ancient civilizations, the scarab _____ was worshiped as a sacred creature.
n. an insect having a hard shell-like back covering its wings

ANSWERS: 1. symbiotic, 2. radiate, 3. mineralize, 4. secondly, 5. seawater, 6. condense, 7. beetle

8. I enjoyed my camping trip with friends, toasting marshmallows over a glowing _____ cracker.
- n.* a type of flour made from whole wheat that has had the bran and germ removed and is often used to make crackers or cookies; a cracker made with this type of flour
9. He is very popular at school because he can _____ all the teachers' accents.
- v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
10. The _____ of the bees filled the air as she walked through the garden.
- adj.* producing a continuous, low, vibrating sound like that of the bee
11. A single _____ of water can reflect the entire world upside down.
- n.* a small drop of liquid
12. We should do our best not to _____ the environment.
- v.* to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals
13. Because of the road closure, we had to take a _____ route to reach the destination.
- n.* a circuitous or indirect route or path; a traffic circle or rotary used to regulate the flow of traffic
14. The explosive chemical reaction does not occur in all sodium _____.
- n.* a carbonic acid salt or ester that contains the anion CO₃
15. The ballerina's _____ movements left the audience mesmerized.
- adj.* flexible and easy to bend or move; gracefully agile; adaptable or responsive to change or new ideas

ANSWERS: 8. graham, 9. mimic, 10. humming, 11. droplet, 12. pollute, 13. roundabout, 14. carbonate, 15. supple

16. The sun will _____ the mist.

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

17. The jeweler _____ the crown with a variety of precious stones.

v. to cover or coat something with a crust (= hard outer layer), often as a result of an accumulation of materials over time

18. _____ meat is considered a delicacy in many countries around the world.

n. a large, bony fish with a long, pointed snout and scaleless skin found in the northern hemisphere

19. The _____ fibers used in constructing the bulletproof vest provided excellent protection.

adj. relating to a type of strong, heat-resistant synthetic fiber that is used in the production of protective clothing, bulletproof vests, and other high-strength materials

20. I got up early to watch the _____ at the summit.

n. the time in the morning when the sun first appears in the sky

21. The patient underwent a _____ scan to diagnose their medical condition.

n. the branch of medicine that uses medical imaging technologies such as X-rays, CT scans, MRIs, and ultrasound to diagnose and treat diseases and injuries

22. The baker used a brush to _____ the donuts with a sweet, shiny coating.

v. to cover or coat with a thin layer of film, particularly a shiny or glossy layer, such as a layer of protective material on ceramics or a top coat of paint on a surface; to apply a thin, glossy coating to food, often using a sauce or syrup

23. The construction site was an _____ that disrupted the peacefulness of the area.

n. something unpleasant, unattractive, or offensive to look at, often because it is neglected, run-down, or out of place

ANSWERS: 16. evaporate, 17. encrusted, 18. Sturgeon, 19. aramid, 20. sunrise, 21. radiology, 22. glaze, 23. eyesore

24. She _____ the balloons for the party.
- v.* to fill something with air or gas so that it becomes bigger and rounder
25. The honeycomb structure of a beehive is made up of _____.
- n.* a six-sided polygon with six angles and six sides of equal length
26. The Earth is a nearly _____ planet.
- adj.* having the shape of a sphere; round, spherical, or ball-shaped in appearance
27. The _____ trees provide a picturesque backdrop for the lake.
- n.* a tall, conical-shaped evergreen tree with small, needle-like leaves and small cones, often used in landscaping and as ornamental trees
28. The _____ levels in the ocean have been increasing due to climate change.
- n.* the presence or amount of salt in a substance, especially in water or soil; the measure of the concentration of dissolved salts in a liquid
29. She _____ the files into a single ZIP archive to save space on her computer.
- v.* to press or squeeze together to make something take up less space
30. Eating food in a hurry _____ blood glucose levels.
- v.* to raise something from a lower to a higher position; to give a promotion to or assign to a higher position
31. As the sugar water cools, it will slowly _____ into rock candy.
- v.* to form crystals from a liquid or solution; to become clear or definite in form or structure; to solidify

ANSWERS: 24. inflated, 25. hexagons, 26. spherical, 27. cypress, 28. salinity, 29. compressed, 30. elevates, 31. crystallize

32. The lump was discovered to be _____ and no further treatment was needed.
adj. kind and gentle; not harmful or malicious
33. The menu at the fancy restaurant featured a selection of _____ from around the world.
n. the eggs of sturgeon or other large fish considered a delicacy and used especially in appetizers
34. The _____ problem defied a solution.
adj. difficult to manage or control; stubborn or obstinate
35. The political situation _____ the country's economic growth and foreign relations.
v. to restrict or limit someone or something's freedom or ability to do something
36. The bridge is a _____ structure and was built to span the river.
adj. created or produced by humans; artificial
37. The air was so _____ that my clothes felt damp.
adj. having a high amount of moisture or water vapor in the air; damp; muggy
38. After a long period of estrangement, they _____ with each other.
v. to connect again after a break or interruption
39. The hunter tracked down his _____ in the woods.
n. a place where a stone or other materials are extracted from the ground; an animal or a person that is the target of hunting
40. 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

ANSWERS: 32. benign, 33. caviar, 34. intractable, 35. constrained, 36. human-made, 37. humid, 38. reconnected, 39. quarry, 40. devise

41. The company's plastic products are easily _____ thanks to a unique manufacturing process.
- v.* to decay naturally by microorganisms, such as bacteria and fungi
42. There is not a _____ of evidence that he is guilty.
- v.* to tear or cut something into a small pieces; (noun) a tiny or scarcely detectable amount
43. She was wearing a beautiful necklace made from an _____ shell.
- n.* a type of marine mollusk or sea snail that is highly valued for its meat and attractive, iridescent shell, which is often used for decorative or jewelry-making purposes
44. One of her _____ is that she always wears mismatched socks.
- n.* a peculiar behavior, habit, or characteristic that is distinctive to an individual or group
45. The body of his car has a _____ finish.
- adj.* having a surface without a shine, luster; non-glossy
46. The desert is known for its _____ climate and lack of rainfall.
- adj.* lacking in moisture or rainfall; dry and barren; lacking in interest, life, or vitality
47. The new software program was designed to increase productivity by promoting employee _____.
- n.* the interaction of elements that, when combined, produce a total effect that is greater than the sum of the individual elements
48. She enjoyed the opportunity to _____ with a person who spoke her language.
- v.* to talk informally

ANSWERS: 41. biodegraded, 42. shred, 43. abalone, 44. quirks, 45. matte, 46. arid, 47. synergy, 48. converse

49. The spider was camouflaged on the _____ rock, waiting for its next prey.
adj. having a dull brownish-gray color, often used to describe the color of certain animals, such as a dun horse; (verb) to repeatedly and insistently demand payment of a debt or money owed
50. The recipe called for a teaspoon of _____ to add flavor.
n. a strong solution of salt water used for preserving food, especially meat or fish; saline water found in salt mines or evaporated from seawater
51. Tall _____ trees surrounded the cabin in the woods.
n. a type of fragrant, evergreen tree that is known for its reddish-brown wood and its use in furniture, building materials, and as an ornamental plant
52. The _____ material easily absorbs and retains water.
adj. having a strong affinity or attraction to water; capable of absorbing or dissolving in water
53. He learned how to _____ metal in his high school shop class.
v. to join two or more pieces of metal together by heating their edges until they melt and fuse
54. The _____ of boats sailed together in perfect formation for the maritime parade.
n. a fleet or group of boats or small vessels typically used for military, naval, or recreational purposes
55. The weightlifter used his strong _____ muscles to lift the heavy barbell.
n. the part of the body between the chest and pelvis that contains the stomach, intestines, liver, pancreas, and other organs; the posterior part of an insect's body, typically divided into segments

ANSWERS: 49. dun-colored, 50. brine, 51. cedar, 52. hydrophilic, 53. weld, 54. flotilla, 55. abdomen

56. The shape of the building is a distinctive five-sided _____.
- n.* a flat geometric shape with five straight sides and five angles; a building in Washington, D.C., that houses the U.S. Department of Defense and is the headquarters of the U.S. military
57. He worked on improving the equipment using the freeze-_____ method.
- n.* the process of removing salt, especially from seawater
58. She is a _____ person and has always bounced back from setbacks.
- adj.* able to withstand or recover quickly from difficult conditions
59. _____ batteries are commonly used in laptops, smartphones, and electric vehicles.
- n.* a soft, silvery-white metal that is highly reactive and used in batteries, alloy production, and medications for bipolar disorder
60. Water was beginning to _____ into the basement after the heavy rain.
- v.* to flow or drip slowly and in small amounts; to happen or occur gradually or in small quantities
61. 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
62. She tried to _____ out the unpleasant memory with alcohol.
- v.* to soak up a liquid by using a piece of cloth, paper, etc.; to make a spot or spots onto paper
63. The _____ event was one of the highlights of the competition.
- adj.* relating to or involving horses or horse riding

ANSWERS: 56. pentagon, 57. desalination, 58. resilient, 59. Lithium-ion, 60. trickle, 61. mushroom, 62. blot, 63. equestrian

64. The phone rang at the most _____ time.

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

65. The product developed through years of research continues to _____ the market.

v. to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

66. The desert is known for its _____ terrain with no sign of vegetation.

adj. unable to produce or sustain growth; lacking fertility; unproductive; lacking interest, excitement, or creativity; empty or desolate

67. The heat wave _____ the drought conditions.

v. to make a situation, problem, or feeling worse

68. Some research says that a relative decline in teacher salaries is causing labor _____.

n. the state of being in short supply; a small and inadequate amount

69. The beautiful _____ garden in the park was a sight to behold.

n. a flowering plant with large, showy, trumpet-shaped flowers, typically symbolizing purity, innocence, and beauty

70. The bridge's _____ was carefully constructed to withstand high winds and heavy traffic.

n. the part of a structure or building that is built on top of the foundation or base; a framework or system that is built on top of something else and supports or enhances it

ANSWERS: 64. opportune, 65. electrify, 66. barren, 67. exacerbated, 68. scarcity, 69. lily, 70. superstructure

71. Buying new clothes every week is a _____ use of money and resources.
adj. characterized by excessive or unnecessary use or consumption; using resources or materials inefficiently or inappropriately, resulting in unnecessary waste or expense
72. This material can _____ moisture swiftly.
v. to force an attack or attacker to withdraw or retreat
73. _____ bees are boring holes into the wall.
n. a woodworker whose job is to make or repair wooden objects
74. The factory has been _____ for years and requires renovation.
adj. not used as much as is possible or necessary
75. My allergies flare up during _____ season, making it difficult to breathe.
n. a fine powder substance consisting of microscopic grains produced by plants that facilitate their reproductive process through the process of pollination
76. Some insects use _____ to avoid detection by predators.
n. the act or skill of copying the sounds or behavior of a particular person or animal, often to make people laugh
77. The _____ coating on the apple made it difficult to wash.
adj. having a texture or appearance that is similar to wax; smooth and shiny; resistant to water or other liquids
78. The _____ of Mexico is a body of water in the southern United States.
n. a large ocean inlet or deep bay that is partially enclosed by land

ANSWERS: 71. wasteful, 72. repel, 73. Carpenter, 74. underutilized, 75. pollen, 76. mimicry, 77. waxy, 78. Gulf

79. The building was _____ with fire.

adj. on fire; burning brightly

80. Creativity and _____ are often brought about by extreme concentration.

n. the quality of inventing things or solving problems in clever new ways

81. The couple decided to use the non-husband sperm to _____ a wife.

v. to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well

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

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

83. In _____ plants use carbon dioxide to feed themselves.

n. the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.

84. _____ bacteria thrive in environments without oxygen, such as a sealed landfill.

adj. living or occurring in the absence of oxygen; relating to or involving a process that does not require oxygen

85. You can add coffee grounds and crushed eggshells to your _____ to improve the pH balance.

n. a mixture of organic matter, such as food scraps, yard waste, and manure, that is allowed to decompose and is used as fertilizer for plants and garden soil

ANSWERS: 79. ablaze, 80. ingenuity, 81. fertilize, 82. colonized, 83. photosynthesis, 84. Anaerobic, 85. compost

ANSWERS: