

# Englist.me



## Vocabulary Builder Reference from...

Janine Benyus: Biomimicry's surprising lessons from nature's engineers | TED Talk

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### All Words

#### IMPORTANT

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## Session 1: Word List

### thrill

*n.* a feeling of extreme and sudden excitement and pleasure; to cause someone to feel sudden intense sensation or emotion

*synonym*: exhilaration, delight, rush

(1) the **thrill** of speed, (2) incredible **thrill**

Skydiving is an overwhelming **thrill** for many people.

### confer

*v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something

*synonym*: consult, meet, discuss

(1) **confer** degree, (2) **confer** honor

The leaders of the two countries met to **confer** on the issue.

### devote

*v.* to commit or dedicate oneself or one's time, effort, or energy to a particular task or purpose

*synonym*: commit, dedicate, apply

(1) **devote** all of my energies, (2) **devote** my own life

He **devoted** himself to studying the history of ancient civilizations.

### inspire

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

*synonym*: boost, encourage, enlighten

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

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

## sect

*n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream

*synonym*: group, faction, cult

(1) **sect** beliefs, (2) secret **sect**

The minority **sect** believed in a set of unconventional religious practices.

## critter

*n.* a small or unimportant creature or animal, often used in a familiar or affectionate way

*synonym*: animal, creature, beast

(1) cute **critter**, (2) wild **critter**

During their camping trip, the kids were excited to go **critter** hunting in the woods.

## courtship

*n.* the period of time when two individuals go through the process of getting to know each other, often with the intent of forming a romantic or intimate relationship

*synonym*: romance, wooing, lovemaking

(1) traditional **courtship**, (2) romantic **courtship**

The movie depicts an old-fashioned **courtship** between the two main characters.

## glacier

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

*synonym*: iceberg, ice floe

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

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

## nation

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

*synonym* : country, state, sovereign entity

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

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

## skinny

*adj.* having a very thin or slim body; referring to clothing that is tightly fitting and reveals the shape of the body; referring to information or details that are kept secret or confidential

*synonym* : slender, lean, thin

(1) **skinny** jeans, (2) **skinny** finger

His mom was always concerned about his **skinny** frame and encouraged him to eat more

## upside

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

*synonym* : advantage, benefit, top

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

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

## row

*n.* an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars

*synonym* : line, sequence, layer

(1) criminal on death **row**, (2) a **row** of cherry trees

He was the leader of the demonstrators and spoke out against the war in the front **row**.

## 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.

## mate

*n.* a person's partner in marriage or romantic relationship; an animal's sexual partner; a peer or friend; (of the

game of chess) checkmate, which is the winning condition of the game

*synonym*: companion, partner, spouse

(1) smoking **mate**, (2) dog-loving **mate**

I need to find a **mate** for my female guinea pig so she doesn't get lonely.

## underwater

*adv.* below or under the surface of the water

*synonym*: submerged, undersea, submarine

(1) hold my breath **underwater**, (2) seals sleep **underwater**

He is good at swimming **underwater**.

## paddle

*n.* a flat, usually wooden implement with a handle used for stirring, mixing, or beating a liquid or substance

*synonym*: oar, oarlock, scull

(1) **paddle** strokes, (2) canoe **paddle**

The **paddle** boarders glided across the crystal-clear waters of the cove.

## literally

*adv.* in the real or original meaning of a word or phrase; in a literal sense or way; not figuratively

*synonym*: actually, truly, verily

(1) translate **literally**, (2) bite his tongue **literally**

He **literally** jumped out of his chair when he heard the news.

## lift

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

*synonym*: raise, elevate, move up

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

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

## standing

*adj.* existing or remaining upright; having a vertical position;  
(noun) social, financial, or professional status or reputation

*synonym*: upright, vertical, (noun) position

(1) **standing** water, (2) his social **standing**  
The **standing** concert was packed with fans.

## upright

*adj.* perpendicular to a horizontal surface or line; (adverb) in a vertical position

*synonym* : vertical, perpendicular, plumb

(1) **upright** posture, (2) sit **upright** in a chair  
The bookcase was **upright** against the wall.

## skull

*n.* a bone framework that surrounds the brain and gives the head its shape

*synonym* : cranium, scalp, brain

(1) **skull** fracture, (2) have a thick **skull**  
Archaeologists found a Neanderthal **skull** at that historic site.

## 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.

## prospect

*n.* the possibility or likelihood of something happening or being successful; a person or thing that is likely to succeed or become popular; a potential customer or client; (verb) to explore for useful or valuable things or substances, such as minerals

*synonym* : hope, possibility, expectation

(1) **prospect** for gold, (2) job **prospects**  
The **prospect** of starting a new business can be both exciting and daunting.

## obvious

*adj.* easy to see, discover or understand

*synonym* : apparent, conspicuous, evident

(1) **obvious** reasons, (2) his conclusion was **obvious**  
There are **obvious** differences between the two

wine-producing regions.

## entertainment

*n.* public shows, films, television, or other performances or activities of enjoying people

*synonym*: amusement, recreation, enjoyment

(1) an elegant **entertainment**, (2) hour of **entertainment**

The hotel is famous for its **entertainment**, including the casino.

## 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.

## 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.

## 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.

## biology

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

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

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

## champion

*n.* someone who has won first place in a competition; someone who fights for a specific group of people or a belief

*synonym*: victor, winner, fighter

(1) a **champion** of peace, (2) the grand **champion**  
The **champion** bicyclist outrode all his competitors.

## adapt

v. to make fit for or change to suit a new purpose or environment

*synonym*: adjust, acclimate, accustom

(1) **adapt** fully to the environment, (2) **adapt** as needed  
I advised him to **adapt** to his new surroundings.

## wastewater

n. water that contains waste substances from homes, farms, factories, etc.

*synonym*: drainage, sewerage

(1) **wastewater** disposal equipment, (2) biological **wastewater**

As that country developed its industry, it began to invest more in **wastewater** treatment technology.

## treatment

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

*synonym*: remedy, antidote, medicine

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

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

## purify

v. to remove harmful substances from something and increase the concentration of it

*synonym*: refine, filter, clarify

(1) **purify** hydrogen gas, (2) **purify** the blood

The equipment is frequently used to **purify** and distribute drinking water.

## resistant

adj. not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection

*synonym*: unsusceptible, immune, invulnerable

(1) penicillin- **resistant** bacteria, (2) **resistant** to persuasion  
Insects in urban areas are becoming **resistant** to

insecticides.

## bacteria

*n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease

*synonym*: microorganism, microbe

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

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

## 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.

## assist

*v.* to help someone in doing anything

*synonym*: help, support, aid

(1) **assist** a patient, (2) **assist** his goal

Please **assist** her with the furniture relocation.

## organism

*n.* a tiny living thing

*synonym*: being, creature

(1) aerobic **organism**, (2) group of **organisms**

A diversified plant species generally enhances beneficial **organism** populations.

## domesticate

*v.* to take control of animals or plants to provide food, power, or company

*synonym*: tame, naturalize, cultivate

(1) easy to **domesticate**, (2) **domesticate** the plant

We **domesticate** cows to gain milk and meat.



## sustainable

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

*synonym*: continuable, enduring, tolerable

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

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

## bump

*v.* to hit or knock against something hard, often with a dull sound; to meet with by accident

*synonym*: collide, hit, jolt

(1) **bump** against a wall, (2) **bump** up prices

She accidentally **bumped** into him in the crowded room.

## buildup

*n.* the accumulation or increase of something over time

*synonym*: accumulation, increase, growth

(1) lactic acid **buildup**, (2) huge military **buildup**

The **buildup** of stress over time can lead to health problems.

## mineral

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

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

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

## aperture

*n.* an opening or hole, especially one that is narrow or slitlike

*synonym*: opening, hole, gap

(1) small- **aperture** telescope, (2) an automatic **aperture**

The camera's **aperture** controls how much light enters the lens.

## flush

*v.* to become red on your face, especially because you are embarrassed, angry, or hot; to rinse, clean, or empty something, especially a toilet, by causing large quantities of water to flow

*synonym*: redden, burn, suffuse

(1) the blood **flush** into my face, (2) **flush** the toilet

The girl **flushed** when a young man whistled as she walked by.

## toxin

*n.* a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism

*synonym*: poison, venom, contaminant

(1) **toxin** exposure, (2) **toxin** production

Mold exposure can release dangerous **toxins** into the air.

## calcium

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

*synonym*: Ca, lime, chalk

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

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

## carbonate

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

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

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

## seashell

*n.* a type of shell that once housed a mollusk, typically found on beaches or in shallow water

*synonym*: shell, conch, bivalve

(1) **seashell** ornament, (2) a fossil **seashell**

I love collecting **seashells** on the beach and displaying them in a jar at home.

## template

*n.* a pre-designed file or document used as a starting point for a particular application so that the format does not have to be created from scratch

*synonym*: pattern, model, blueprint

(1) **template** file, (2) **template** design

The **template** format provided a useful guide for creating the

budget.

## protein

*n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues

(1) stress **protein**, (2) **protein** synthesis

The body needs a certain amount of **protein** to build and repair tissues.

## ion

*n.* an atom or molecule that has a positive or negative electrical charge caused by its losing or gained one or more electrons

(1) **ion** channel, (2) rechargeable lithium- **ion** battery

The increased concentration of **ion** of hydrogen ions in an aqueous solution makes it more acidic.

## 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.

## 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.

## integrate

*v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups

*synonym*: mix, merge, combine

(1) **integrate** into the existing system, (2) **integrate** both businesses

He found that it is difficult to **integrate** socially.

- silo** *n.* a tall, cylindrical structure, usually made of concrete or steel, that is used for storing grain, feed, or other dry materials; a system or structure that is isolated or separate from others  
*synonym* : storage, warehouse, barn  
(1) nuclear **silo**, (2) **silo** organization  
The farmer used a **silo** to store feed for the animals.
- automatically** *adv.* without needing a direct human control  
*synonym* : mechanically, unconsciously, spontaneously  
(1) record driving **automatically**, (2) **automatically** adjusted  
Our subscription plan is **automatically** renewed.
- assembly** *n.* a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country  
*synonym* : crowd, gathering, mass  
(1) **assembly** line, (2) **assembly** hall  
This company's **assembly** plant is an enormous facility.
- infinite** *adj.* unlimited or very great; impossible to measure  
*synonym* : boundless, countless, limitless  
(1) **infinite** appetite, (2) **infinite** in supply  
The battle had an **infinite** impact on the nation.
- exude** *v.* to emit or release a liquid, smell, or expression gradually and slowly; to display an emotion, quality, or characteristic in a spontaneous and natural way  
*synonym* : emit, ooze, radiate  
(1) **exude** confidence, (2) **exude** charm  
The flowers **exude** a sweet fragrance.
- lean** *adj.* having a noticeably small amount of body fat; (verb) to bend or move from a straight to a sloping posture  
*synonym* : skinny, slender, (verb) slant  
(1) a **lean** horse, (2) **lean** athletic figure  
**Lean** operational improvements often lead to better

environmental performance.

## adhere

v. to stick firmly; to be compatible

*synonym*: comply, stick, cling

(1) **adhere** to their plan, (2) **adhere** rigidly to the rules

Administrators must **adhere** to the highest standards.

## 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.

## 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.

## 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**.

## hike

n. a long walk or journey, especially for pleasure or exercise; an increase in cost

*synonym*: walk, trek, excursion

(1) go on a **hike**, (2) a **hike** in prices

The family decided to **hike** in the mountains to enjoy the beautiful scenery.

- aft** *adj.* (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle  
(1) **aft** cabin, (2) **aft** view  
The **aft** section of the ship suffered significant damage after the collision with the reef.
- crawl** *v.* to move forward slowly, as people or animals with their bodies near the ground  
*synonym* : creep, drag  
(1) **crawl** across the floor, (2) **crawl** away from a car  
Along the gravel roads, sizeable yellow school buses **crawl**.
- snorkel** *n.* a tube-like device used for breathing underwater, with one end in the mouth and the other above the surface of the water  
*synonym* : tube, breather  
(1) **snorkel** gear, (2) scuba **snorkel**  
The **snorkel** rental shop provided us with a map of the nearby snorkel sites.
- profound** *adj.* extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension  
*synonym* : deep, unsounded, far-reaching  
(1) a **profound** book, (2) the **profound** depths of the sea  
My mother's illness had a **profound** impact on us all.
- quest** *n.* a long or challenging search for something  
*synonym* : exploration, inquisition, pursuit  
(1) the **quest** for truth, (2) on a **quest** for happiness  
That adventurer traveled in **quest** of buried treasure.
- lens** *n.* a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation  
*synonym* : glass

(1) a convex **lens**, (2) a **lens** with a wide angle  
The photographer took this photo using a telephoto **lens**.

## ventral

*adj.* relating to or situated on or toward the belly or underside of an animal or organ; opposite of dorsal

*synonym*: abdominal, ventricose, stomachal

(1) **ventral** fin, (2) **ventral** hernia

The **ventral** side of the fish was beautifully colored.

## probable

*adj.* likely to happen or likely to be true

*synonym*: likely, possible, potential

(1) **probable** outcome, (2) **probable** cause of a fire

It seems **probable** that he has forgotten our scheduled meeting.

## context

*n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning

*synonym*: background, setting, environment

(1) historical **context**, (2) legal **context**

It's important to understand the **context** of a situation before making a decision.

## conscious

*adj.* being aware of and able to respond to what is happening around you

*synonym*: aware, cognizant, deliberate

(1) **conscious** effort, (2) **conscious** of having succeeded

He became **conscious** that he was being followed.

## emulate

*v.* to imitate someone else's achievements to try to do something as well as somebody else

*synonym*: impersonate, mimic, imitate

(1) **emulate** a successful business model, (2) **emulate** his watercolors

They intend to **emulate** the footsteps of successful software companies.

## genius

*n.* someone who has exceptional intellectual ability and originality

*synonym*: brilliance, brainiac, acumen

(1) a person of **genius**, (2) a **genius** for music

Mozart was a musical **genius**.

## slavish

*adj.* overly submissive or obedient, often to an excessive or servile degree; lacking independence or originality; unquestioningly following or imitating something or someone

*synonym*: servile, obedient, submissive

(1) **slavish** mirror of the original, (2) **slavish** loyalty

She was tired of the **slavish** adherence to outdated traditions in her workplace.

## hairdo

*n.* a particular way of arranging or styling one's hair; a hairstyle

*synonym*: hairstyle, coiffure, updo

(1) casual **hairdo**, (2) bridal **hairdo**

The hairstylist created a stunning **hairdo** for the bride on her wedding day.

## principle

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

*synonym*: rule, creed, code

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

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

## mention

*v.* to speak or write about something or someone briefly

*synonym*: reference, allude, cite

(1) **mention** name, (2) **mention** in a report

I **mentioned** to him that I had seen his sister at the grocery store earlier that day.

## enormous

*adj.* extremely large or great

*synonym*: huge, giant, gigantic

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



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

## software

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

*synonym*: program, system, operating system

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

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

## immune

*adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells

*synonym*: resistant, unsusceptible, unaffected

(1) **immune** from criminal prosecution, (2) the cell of the **immune** system

The vaccination does not necessarily make you completely **immune**.

## gene

*n.* the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.

*synonym*: factor, cistron

(1) **gene** expression, (2) **gene** cloning

A defective **gene** is responsible for the disease.

## regulation

*n.* an official rule made and maintained by a government or some other authority; the act of controlling or directing something according to a rule

*synonym*: constraint, restriction, rule

(1) a company **regulation**, (2) **regulation** by the government

The **regulation** approved by Congress was perfunctorily implemented.

## 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.

## neural

*adj.* of or relating to a nerve or the nervous system that includes the brain

*synonym* : sensory, neuronic, nervous

(1) **neural** stem cells, (2) **neural** networks in AI

There was a disturbance of **neural** function.

## genetic

*adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes

*synonym* : hereditary, genetical, inborn

(1) have **genetic** testing, (2) a **genetic** disorder

Understanding protein folding is a vital step in deciphering the **genetic** code.

## algorithm

*n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation

*synonym* : logic, method, rule

(1) the RSA **algorithm**, (2) **algorithm** for image processing

We can evaluate the performance of an **algorithm** in terms of computation time.

## evolutionary

*adj.* relating to or denoting how living things develop or change from earlier forms

*synonym* : developmental, mutative, transformative

(1) ecology and **evolutionary** biology, (2) the **evolutionary** process

**Evolutionary** algorithms can find ways to optimize that humans do not anticipate.

## compute

*v.* to make a mathematical calculation

*synonym* : calculate

(1) **compute** an average score, (2) **compute** the value  
I tried to **compute** the efficiency of the investment.

## technological

*adj.* based on scientific and industrial progress

*synonym* : specialized, technical

(1) **technological** advancement, (2) **technological** policy  
**Technological** advances have disrupted many industries.

## estimate

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

*synonym* : calculate, gauge, evaluate

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

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

## carcinogenic

*adj.* capable of causing cancer or promoting tumor growth; cancer-causing

*synonym* : cancer-causing, cancerous, malignant

(1) **carcinogenic** chemicals, (2) **carcinogenic** air pollution  
Long-term exposure to **carcinogenic** materials can result in serious health problems.

## silicon

*n.* a chemical element with the symbol Si that is a hard, brittle crystalline solid with a blue-grey metallic luster and used for the transistors and integrated circuit chips in computers

(1) **silicon** wafer, (2) crystalline **silicon**

**Silicon** is the second most abundant element on earth after oxygen.

## valley

*n.* a long depression on the surface of the land, which typically contains a river

*synonym* : canyon, gorge, dale

(1) **valley** bottom, (2) basin-shaped **valley**

The **valley** had received a mild snowfall the previous week.

## hardware

*n.* durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems

*synonym* : gear, apparatus, gadget

(1) the **hardware** department, (2) a vast inventory of **hardware**

The mouse and keyboard are essential **hardware** for operating a PC.

## snuff

*n.* finely ground tobacco that is inhaled through the nose as a form of tobacco use; a type of scented tobacco that is often used for aromatic purposes in candles or incense; (verb) to extinguish or put out

*synonym* : tobacco, powder, dust

(1) **snuff** out the candle, (2) flavored **snuff**

He reached into his pocket and pulled out a small silver **snuff** box.

## redesign

*v.* to design something again, especially in a different or modified form; (noun) the process of designing something again

*synonym* : revamp, rework, remodel

(1) **redesign** project, (2) **redesign** of lifestyle

The company is planning to **redesign** its website.

## 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.

## syllabus

*n.* an outline or summary of the topics, themes, and assignments to be covered in a particular course or educational program; a list or summary of key themes or

components of a particular document, work, or project  
*synonym*: outline, curriculum, program

(1) course **syllabus**, (2) **syllabus** content

The professor handed out the **syllabus** on the first day of class.

## opposition

*n.* the act of disagreeing or resisting; the state of strong disagreement

*synonym*: resistance, hostility, antagonism

(1) **opposition** campaign, (2) meet with **opposition**

The **opposition** party strongly disagreed with the government's proposed legislation.

## carving

*n.* the act or process of cutting or shaping a hard material, such as wood or stone, into a specific form or design

*synonym*: cutting, engraving, sculpture

(1) a wood **carving**, (2) **carving** instrument

The intricate **carving** on the wooden box was the work of a master craftsman.

## 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.

## afford

*v.* to have enough money or time to be able to buy or do something

(1) **afford** to buy a new car, (2) **afford** a high travel cost

He cannot **afford** a holiday.

## geranium

*n.* a flowering plant of the genus *Geranium*, often cultivated for its attractive, brightly colored flowers and commonly used in gardens or as decorative houseplants

(1) fragrant **geranium**, (2) potted **geranium**

The vibrant red **geraniums** added a pop of color to the garden.

## 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.

## 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**.

## tumble

*v.* to fall suddenly, often uncontrollably; to topple or turn over; to decline sharply and quickly in value, quality, or performance

*synonym* : fall, stumble, plummet

(1) **tumble** down the hill, (2) confidence **tumbles** as unemployment rates rose

The value of the currency **tumbled** against major international currencies.

## 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.

## disappear

*v.* to cease to exist or be visible

*synonym*: fade, evaporate, vanish

(1) **disappear** without a trace, (2) **disappear** after a week

They watched the train **disappear** into the distance.

## divorce

*n.* the legal dissolution of a marriage

*synonym*: separation, dissolution, breakup

(1) **divorce** settlement, (2) a consensual **divorce**

The couple decided to get a **divorce** after many years of marriage.

## amazing

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

*synonym*: exceptional, extraordinary, wonderful

(1) **amazing** advances, (2) the most **amazing** feeling

The golfer recorded an **amazing** distance.

## grand

*adj.* important and large in size, scope, or extent

*synonym*: impressive, great, ambitious

(1) a **grand** meal, (2) **grand** bargain

This year's **grand** gathering will be held in Canada.

## junction

*n.* a critical point or moment in time, often indicating a key decision or turning point; a place or point of connection, such as a joint or seam

*synonym*: turning point, crossroads, crisis

(1) the **junction** of Eastern and Western cultures,

(2) decisive **junction**

At this **junction** in the project, we must reassess our plans and make some changes.

## knot

*n.* a tight interlacing of something such as rope or thread

*synonym*: tangle, entanglement, snarl

(1) a hard **knot**, (2) a **knot** of people

The boy scout showed us how to tie a **knot** that wouldn't come undone.

## 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.

## nanoscale

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

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

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

## assemble

*v.* to collect in one place as a single group

*synonym* : gather, congregate, collect

(1) **assemble** your colleagues, (2) **assemble** a jigsaw puzzle

The president began to **assemble** an army.

## pearl

*n.* a hard, roundish object found within the shells of certain mollusks and used as a gem

*synonym* : bead, gem, nacre

(1) a cultured **pearl**, (2) **pearl** beyond price

She wore a **pearl** necklace passed down to her from her grandmother.

## layer

*n.* a sheet, quantity, or thickness of the material, typically one of several, covering a surface or body; a level or part within a system or set of ideas

*synonym* : stratum, sheet, coating

(1) **layer** cake, (2) **layer** of paint

The **layer** of frost on the ground was so thick it was difficult to walk on.

## polymer

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



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

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

## ceramics

*n.* objects made from materials such as clay that are hardened by heat, often to create functional or decorative items

*synonym*: ceramicware, pottery, earthenware

(1) **ceramics** industry, (2) **ceramics** class

She makes beautiful **ceramics** in her studio and sells them at local markets.

## kiln

*n.* an oven or furnace used for baking, drying, or firing clay, pottery, bricks, or other materials; typically made of brick or refractory material and heated with wood, coal, or gas

*synonym*: oven, furnace, hearth

(1) brick **kiln**, (2) electric **kiln**

The pottery was fired in the **kiln** for several hours to harden it.

## coding

*n.* the process of writing or creating computer code, which is a set of instructions that tells a computer what to do to create software, websites, apps, and other digital products

*synonym*: encoding, programming, scripting

(1) **coding** skills, (2) **coding** challenge

**Coding** bootcamps have become a popular way to learn coding skills quickly.

## temperature

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

*synonym*: climate, warmth, degree

(1) extreme **temperatures**, (2) the atmospheric **temperature**

Cities around the world set records for highest **temperatures** this summer.

**dip** v. to put something into a liquid for a short time and take it out again  
*synonym*: dunk, dive, plunge  
(1) **dip** a pen in ink, (2) **dip** a chip in the sauce  
Please **dip** up a bucketful of water from the well.

**liquid** n. a substance, such as water or oil that flows freely and is neither a solid nor a gas  
*synonym*: fluid  
(1) colorless **liquid**, (2) hazardous **liquid**  
The sponge takes up the **liquid** well.

**evaporation** n. the process of a liquid changing into a gas or vapor, often as a result of high temperatures or reduced pressure; the gradual disappearance or dissipation of something, such as money or resources  
*synonym*: vaporization, dehydration, desiccation  
(1) **evaporation** cooling, (2) slow **evaporation**  
The formation of clouds is facilitated by the process of **evaporation** and condensation

**molecule** n. a group of two or more atoms held together by attractive forces known as chemical bonds  
*synonym*: particle, element, atom  
(1) small **molecules**, (2) **molecule** behavior  
The shape of the DNA **molecule** is a double helix.

**jigsaw** n. a tool with a fine-toothed blade used for cutting intricate curves and patterns in thin material such as wood or metal, typically with the blade being reciprocating; a type of puzzle that consists of irregularly shaped pieces that must be fitted together to form a complete picture  
*synonym*: fretsaw, puzzle  
(1) **jigsaw** puzzle, (2) **jigsaw** woodworking  
The **jigsaw** blade needs to be changed before we can continue the project.

## spray

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

*synonym* : mist, aerosol, atomizer

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

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

## precursor

*n.* a person or thing that comes before another of the same kind and that contributes to or influences its growth

*synonym* : antecedent, forerunner, herald

(1) **precursor** cell, (2) **precursor** to serotonin

Sulfur dioxide and nitrogen oxides are the primary **precursors** of acid rain.

## solar

*adj.* of, from, or relating to the sun

(1) the **solar** system, (2) a **solar** eclipse

**Solar** panels have greatly improved not only in performance but also in durability.

## harvest

*n.* yields of plants in a single growing season; the period of the year when gathering occurs on a farm

*synonym* : crop, reaping, yield

(1) a scanty **harvest**, (2) reap a **harvest**

During **harvest**, farmers are incredibly busy.

## diatom

*n.* a type of single-celled algae that is characterized by its ornate and intricate silica shells, which form a distinctive pattern or design when viewed under a microscope

*synonym* : algae, phytoplankton

(1) **diatom** species, (2) freshwater **diatoms**

**Diatom** fossils can tell us a lot about the history and environment of the oceans.

## silicate

*n.* a mineral compound containing silicon, oxygen, and one or more metal elements, commonly found in rocks and minerals; a type of chemical compound that forms the

basis of many minerals

*synonym* : mineral, compound, rock

(1) crystal **silicate**, (2) **silicate-based** materials

The compound contains a high **silicate** concentration, making it ideal for industrial applications.

## 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.

## chip

*n.* a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat

*synonym* : flake, fragment, chunk

(1) a **chip** of wood, (2) I don't care a **chip**

We can use this campaign as a bargaining **chip** in the negotiations.

## 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* : crystallize, fossilize, petrify

(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.

## solid

*adj.* hard or firm; characterized by good substantial quality

*synonym* : stable, reliable, hard

(1) **solid** ally, (2) **solid** employment measures

The **solid-state** of water is called ice.

## 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.

## lucent

*adj.* giving off or reflecting light; glowing; shining; translucent or clear in appearance

*synonym*: bright, glowing, radiant

(1) **lucent** crystals, (2) soft **lucent** light

The sunset painted the sky in a **lucent** orange and purple glow.

## distortion

*n.* the alteration or misrepresentation of something so that it is no longer true or accurate; the way in which a sound or image is changed or distorted

*synonym*: twist, deformity, misrepresentation

(1) **distortion** of the earth's surface, (2) horizontal **distortion**

Her report was criticized as a gross **distortion** of the truth.

## whatsoever

*adv.* not at all; no matter what

*synonym*: in any way, at all, in any respect

(1) **whatsoever** it be, (2) without impact **whatsoever**

He refused to do anything **whatsoever** to help her.

## fiber

*n.* thread or filament used to make a vegetable tissue, mineral material, or textile

*synonym*: yarn, thread, wool

(1) carbon **fiber**, (2) synthetic **fiber**

We must consume dietary **fiber** to maintain good health.

## optics

*n.* the academic study of vision and light

(1) **optics** technology, (2) fiber **optics**

Einstein's new **optics** theory transformed traditional scientific notions about light.

## sponge

*n.* a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning

(1) sea **sponge**, (2) metallic **sponge**

The tiny marine **sponge** has existed for more than 500 million years.

## optic

*adj.* relating to vision or the eyes; relating to or involving light or optics

*synonym*: visual, ocular, visualized

(1) **optic** fiber, (2) **optic** illusion

The campaign ad was designed with bright colors and bold fonts for maximum **optic** impact.

## incredibly

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

*synonym*: enormously, exceptionally, extraordinarily

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

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

## flexible

*adj.* able to change or be changed to suit new conditions or situations; able to bend easily

*synonym*: adaptable, elastic, pliable

(1) **flexible** schedules, (2) a **flexible** wire

You can be more **flexible** and creative in your approach.

## feedstock

*n.* the raw material or substances that are used to make a product, particularly in industrial or manufacturing processes

*synonym*: raw material, input, supply

(1) **feedstock** supply, (2) **feedstock** procurement

Corn is a common **feedstock** for ethanol production.

## poison

*n.* a substance that can cause illness, injury, or death when ingested, inhaled, or absorbed through the skin;

something harmful, malicious, or toxic; the act of damaging or ruining a relationship; (verb) to introduce a substance into something or someone harmful and potentially deadly

*synonym* : toxin, venom, pollutant

(1) **poison** ivy, (2) **poison** bilateral relations

The plant's leaves contain a deadly **poison** that can cause hallucinations and seizures.

## chain

*n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle

*synonym* : series, string, link

(1) **chain** reaction, (2) supply **chain**

The **chain** on my bike broke, leaving me stranded.

## starch

*n.* a complex carbohydrate found in many plants, including rice, wheat, and potatoes that is an important foodstuff for humans and animals

*synonym* : carbohydrate, glucose, dextrin

(1) **starch** granules, (2) potato **starch**

When heated, **starch** molecules absorb water and become thick and gooey, making it a useful thickening agent in cooking.

## glucose

*n.* a type of sugar that is found in plants, especially fruit, and is an essential energy source in living things

*synonym* : sugar, blood sugar

(1) blood **glucose** test, (2) **glucose** level

The doctor injected **glucose** into his patient's veins.

## catalyst

*n.* a person or thing that causes an important event to happen or changes the current situation rapidly; (chemistry) a substance that initiates or accelerates a chemical reaction without being changed itself

*synonym* : accelerator, stimulant, motivation

(1) a **catalyst** in the process of hydrolysis, (2) **catalyst** for reform

The global financial crisis acted as a **catalyst** to unite the country.

## 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.

## transformation

*n.* a complete change in form, nature, or appearance of someone or something

*synonym* : change, conversion, renewal

(1) the **transformation** of a tadpole into a frog, (2) cast a **transformation** spell

Understanding unitary **transformations** of a normal matrix require considerable mathematical sophistication.

## device

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

*synonym* : gadget, instrument, tool

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

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

## purple

*adj.* of a color intermediate between red and blue

*synonym* : violet

(1) deep **purple**, (2) **purple** sweet potatoes

The plant has a stunning **purple** blossom.

## enzyme

*n.* a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction

*synonym* : catalyst, activator, accelerator

(1) **enzyme** reaction, (2) lack of digestive **enzymes**

A deficiency in the **enzyme** can lead to a medical condition.



## nitrogenase

*n.* an enzyme found in certain bacteria that is responsible for the biological fixation of atmospheric nitrogen into forms that can be used by plants and other organisms

*synonym* : nitrogen-fixing enzyme

(1) **nitrogenase** activity, (2) **nitrogenase** gene

The **nitrogenase** enzyme requires a lot of energy to function properly.

## evolve

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

*synonym* : develop, mature, grow

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

Eyeless fish **evolved** in dark caves.

## hydrogen

*n.* the chemical element that is the lightest gas is colorless, odorless, tasteless, and combines with oxygen to form water

(1) **hydrogen** gas, (2) heavy **hydrogen**

The **hydrogen** and the oxygen react and then form water.

## proton

*n.* a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms

(1) **proton** decay, (2) **proton** conductivity

The solar wind is composed almost entirely of electrons and **protons**.

## electron

*n.* a tiny particle with the negative electrical charge

*synonym* : negatron

(1) flow of **electrons**, (2) beam of **electrons**

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

## fuel

*n.* a substance that is typically burned to generate heat or energy

*synonym* : energy, power, gas

(1) biomass **fuel**, (2) smokeless **fuel**

The **fuel** scarcity most severely impacted the manufacturing sector

## anode

*n.* the positively charged electrode by which electrons enter an electrical device, such as a battery or an electrolytic cell; the electrode at which oxidation occurs

*synonym* : cathode, electrode, plate

(1) **anode** material, (2) **anode** plate

The battery's **anode** needs to be replaced for it to function properly.

## reversible

*adj.* capable of being turned or done in the opposite direction or way; capable of being reversed or undone

*synonym* : invertible, changeable, undoable

(1) **reversible** decision, (2) **reversible** fabrics

The jacket is **reversible** so that you can wear it with the fur lining on the outside or the inside.

## platinum

*n.* a dense, precious, silvery-white metal with the atomic number 78 and the symbol Pt that is highly resistant to corrosion and tarnishing, often used in jewelry, coins, and industrial applications

*synonym* : Pt, white gold

(1) **platinum** record, (2) **platinum** jewelry

The chemist worked with a **platinum** catalyst to speed up the reaction.

## juggle

*v.* to manage or cope with several tasks, responsibilities, or situations simultaneously; to keep several things in the air at once, as in a juggling act

*synonym* : juggle, balance, handle

(1) **juggle** a job and motherhood, (2) **juggle** with facts

It can be difficult to **juggle** work, family, and social life, but finding balance is important.

## whale

*n.* a very large sea mammal that has a streamlined body and breathes through a blowhole on the head; a very

large person; impressive in size or qualities

*synonym* : porpoise, giant

(1) a bull **whale**, (2) **whale** watching

Some countries have a culture of eating the flesh of a **whale**.

## fin

*n.* a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance

*synonym* : flipper, appendage, stabilizer

(1) back **fin**, (2) a **fin** of a plane

The shark's powerful **fins** allowed it to swim at high speeds.

## efficiency

*n.* the state or quality of doing something well with no waste of input such as time or money

*synonym* : effectiveness, efficacy, productivity

(1) better fuel **efficiency**, (2) an energy **efficiency**

Our company must continue to strive for greater **efficiency**.

## instance

*n.* a particular example or single occurrence of something

*synonym* : example, sample, illustration

(1) for **instance**, (2) notable **instance**

These articles cite five **instances** of climate change.

## fossil

*n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock

*synonym* : relic, remnant, antediluvian

(1) burning of **fossil** fuels, (2) a **fossil** leaf

It was the **fossil** of a dinosaur tooth.

## pigment

*n.* a substance that gives color to a material, such as paint, ink, or biological tissue; often derived from natural sources or synthetically produced

*synonym* : dye, colorant, tint

(1) skin **pigment**, (2) **pigment** accumulation

The use of synthetic **pigments** in food production has become controversial due to health concerns.

## peacock

*n.* a large, colorful, and majestic bird of the pheasant family  
(1) as proud as a **peacock**, (2) male **peacock**  
The vibrant feathers of the **peacock** made it stand out in the garden.

## bounce

*v.* to cause to move up or away after hitting a surface; to spring back  
*synonym* : bound, leap, spring  
(1) **bounce** across the floor, (2) **bounce** back from failure  
They will **bounce** between various emotional states.

## interference

*n.* the act or process of getting involved in and trying to influence a specific situation; the state of being affected and influenced with  
*synonym* : obstruction, hindrance, impedance  
(1) officious **interference**, (2) **interference** wave  
Unfortunately, the radio **interference** made it difficult to hear the broadcast.

## up-close

*adj.* of or relating to something seen or experienced from a very short distance, typically allowing a detailed view or intimate understanding  
(1) **up-close** encounter, (2) **up-close** look  
We were lucky enough to get **up-close** seats at the concert and could see the band members.

## dirt

*n.* soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock  
*synonym* : filth, grime, muck  
(1) **dirt** road, (2) **dirt** track  
The garden was filled with **dirt** and needed to be tilled before planting.

## particle

*n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance  
*synonym* : atom, grain, bit

(1) charged **particle**, (2) **particle** energy

We can calculate the position of the **particles** statistically.

## lotus

*n.* a type of aquatic plant with large, round, floating leaves and distinctive flowers, often associated with spiritual symbolism and cultural significance in Asia

*synonym*: water lily, lily pad, nelumbo

(1) **lotus** fragrance, (2) **lotus** petals

The serene pond was adorned with beautiful **lotus** flowers.

## facade

*n.* the face or front of a building, especially a large one; superficial or false appearance intended to conceal something unpleasant

*synonym*: front, camouflage, masquerade

(1) the outside **facade** of a castle, (2) **facade** of wealth

A gentle **facade** concealed his powerfulness.

## rainwater

*n.* water that falls from the clouds in the form of rain and is collected

*synonym*: precipitation, drizzle, showers

(1) **rainwater** acidity, (2) **rainwater** drainage

The company installed a **rainwater** harvesting system to collect and reuse it for manufacturing.

## quench

*v.* to drink liquid so that you satisfy your thirst

*synonym*: satisfy, sate, assuage

(1) **quench** a fire, (2) **quench** a rebellion

Her beautiful voice **quenched** the thirst of an ever-growing audience.

## thirst

*n.* a feeling of needing something to drink; a strong desire for something

*synonym*: craving, desire, appetite

(1) a burning **thirst**, (2) **thirst** for authority

He read books to quench his **thirst** for knowledge.

## 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.

## fog

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

*synonym*: cloud, mist, smog

(1) a dense **fog**, (2) front **fog** lights

The **fog** cleared away, and the star-filled sky appeared.

## bug

*n.* any tiny insect; a fault or defect in a computer program, system, or machine

*synonym*: insect, bacterium, microbe

(1) **bug** bites, (2) number of **bug** fixes

I found a stink **bug** crawling across the ceiling.

## sweat

*n.* the salty liquid that is produced by the glands in the skin, especially when the body is hot or under stress

*synonym*: perspiration, steam, hardwork

(1) all in a **sweat**, (2) **sweat** bath

She wiped the **sweat** off her forehead with a towel.

## separate

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

*synonym*: disunite, isolate, ramify

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

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

## extreme

*adj.* very great in amount or degree

*synonym*: farthestmost, outermost, fierce

(1) **extreme** sports, (2) **extreme** weather events

Solar gravity creates **extreme** pressures and temperatures.

## metal

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

*synonym*: alloy, metalloid

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

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

## stream

*n.* a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.

*synonym*: flow, current, brook

(1) the **stream** of time, (2) an endless **stream** of cars

Jet **streams** are the common name for air currents that form high in the atmosphere.

## microbe

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

*synonym*: germ, microorganism, bacterium

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

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

## chelate

*n.* a chemical compound or molecule that forms a bond or coordination with a metal ion or other species, often to stabilize or enhance its properties or to facilitate transportation within a biological system

*synonym*: ligand, sequestering agent

(1) **chelate** complex, (2) **chelate** ligand

The **chelate** in this fertilizer enhances the absorption of nutrients by the plants.

## embed

*v.* to fix or set firmly in a surrounding mass

*synonym*: entrench, fix, set

(1) **embed** scripts in the message, (2) **embed** a sensor

The company **embedded** a tracking code in the product's packaging to monitor its shipment.

## filter

*n.* any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light

*synonym* : strainer

(1) gas **filter**, (2) clogged **filter**

Ozone is a primary **filter** to protect Earth's surface from harmful UV rays.

## 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.

## organic

*adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals

*synonym* : biological

(1) **organic** soils, (2) eat **organic** food

The kidney is an **organic** component of the body.

## solvent

*adj.* capable of dissolving other substances; having sufficient money to pay all outstanding debts; (noun) a liquid substance capable of dissolving other substances

*synonym* : (noun) solution, (noun) dissolver

(1) a **solvent** liquid, (2) chemical **solvents**

The company was able to remain **solvent** throughout the economic downturn.

## spin

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

*synonym* : rotate, twirl, swirl

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

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



## spider

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

*synonym* : arachnid, wanderer

(1) **spider** venom, (2) web **spider**

The **spider** spun an intricate web in the corner of the room.

## silk

*n.* a fine, strong, soft, lustrous fiber produced by silkworms in making cocoons and collected to make thread and fabric

*synonym* : satin, taffeta, velvet

(1) **silk** road, (2) **silk** fabric

She wore a **silk** dress to the party.

## replace

*v.* to take the place of something

*synonym* : substitute, supersede, displace

(1) **replace** one word with another, (2) **replace** a phone

Eventually, the new design will **replace** all older models.

## 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.

## recipe

*n.* a set of instructions for preparing a dish, including the ingredients and the method of cooking

*synonym* : instructions, formula, method

(1) **recipe** book, (2) **recipe** collection

The **recipe** for the cake is passed down from generation to generation in her family.

## subset

*n.* a set of things that are contained within another larger set; a portion or division of a group or category

*synonym* : subcategory, subdivision

(1) proper **subset**, (2) **subset** selection

A **subset** of the employees will be trained in the new software program.

## element

*n.* a fundamental or essential part of something

*synonym*: component, feature, essence

(1) new design **elements**, (2) nonmetallic **elements**

Natural selection is an essential **element** in Darwin's theory of evolution.

## periodic

*adj.* happening at regular intervals over a while

*synonym*: regular, frequent, recurring

(1) the **periodic** blooming of the cherry-blossom,

(2) **periodic** payments

Astronomers are examining whether the **periodic** signals emanating from this star are artificial.

## toxic

*adj.* of or relating to or caused by a poison; poisonous

*synonym*: poisonous, harmful, contaminated

(1) **toxic** molecule, (2) exposure to **toxic** chemicals

This chemical compound is a thousand-fold more **toxic**.

## elegant

*adj.* pleasing and graceful in appearance or manner, or showing good taste and refinement

*synonym*: refined, sophisticated, graceful

(1) **elegant** design, (2) write **elegant** sentences

She wore an **elegant** evening gown to the gala.

## miracle

*n.* an act or occurrence that is not explicable by natural or scientific laws and is therefore believed to be caused by God

*synonym*: wonder, marvel, phenomenon

(1) **miracle** person, (2) economic **miracle**

The doctors said that her recovery was a **miracle**.

## degradation

*n.* the condition or process of changing to a lower state, or a less respected state

*synonym*: depravity, degeneration, deterioration

(1) **degradation** by heat, (2) live in **degradation**

Many researchers are monitoring environmental **degradation** in real-time through satellites.

## packaging

*n.* the process, materials, or container used to wrap or contain a product for distribution, storage, or sale; the design or appearance of a product's packaging

*synonym*: wrapping, packing, boxing

(1) **packaging** materials, (2) biodegradable **packaging**

The **packaging** for the fragile items was made of sturdy materials and could withstand rough handling during shipping.

## dissolve

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

*synonym*: disband, disappear, liquefy

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

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

## cue

*n.* a signal, gesture, or action that provides information or direction for someone else to act or respond; a reminder or prompt for someone to do something

*synonym*: signal, sign, hint

(1) **cue** card, (2) visual **cue**

The director gave the actor a **cue** to begin the scene.

## mussel

*n.* a type of shellfish that lives in freshwater or saltwater has a hard, elongated shell and is edible

*synonym*: clam, oyster, bivalve

(1) **mussel** shells, (2) **mussel** cultivation

I ordered the **mussels** in a white wine sauce for dinner.

## thread

*n.* a fine cord of natural or synthetic fibers or filaments, such as cotton or nylon, used in sewing, knitting, or

weaving; a series of connected messages or comments on a social media platform or online forum, often related to a particular topic; a sequence or line of events, ideas, or actions that are connected or related; (verb) to pass a thread through a needle or other small opening, in preparation for sewing or stitching

*synonym*: filament, string, yarn

(1) **thread** a catheter, (2) start a new **thread**

The detective followed a **thread** of clues which ultimately led to the suspect's arrest.

## healing

*n.* the process of becoming or making somebody or something well again

*synonym*: recovery, recuperation, convalescence

(1) natural **healing** ability, (2) part of the **healing** process

Each ancient tribe has its **healing** traditions.

## tardigrade

*n.* a microscopic, water-dwelling animal that is known for its resilience and ability to survive extreme conditions

*synonym*: water bear, moss piglet

(1) tiny **tardigrade**, (2) **tardigrade** research

Scientists have studied the resilience of the **tardigrade**, also known as a water bear.

## vaccine

*n.* a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)

*synonym*: vaccinum

(1) development of **vaccines**, (2) an oral **vaccine**

The mRNA **vaccine** was approved in less than a year because it did not contain the fragments of the target virus.

## patient

*n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic

*synonym*: client, recipient, subject

(1) **patient** in the hospital, (2) **patient** with weight loss  
The doctor carefully examined the **patient's** medical history.

## refrigeration

*n.* the process of cooling or freezing something, especially food, to preserve it

*synonym* : cooling, freezing, preservation

(1) **refrigeration** car, (2) **refrigeration** technology

The supermarket had a large **refrigeration** section with all kinds of fresh produce.

## regenerate

*v.* to improve or renew an area, institution, system, etc., especially by making it more active or successful

*synonym* : renew, revive, improve

(1) **regenerate** bone tissue, (2) a **regenerate** sinner

The new CEO's primary mission is to **regenerate** the company on the verge of bankruptcy.

## encase

*v.* to enclose or cover something in a protective or decorative layer

*synonym* : encircle, enclose, enclasp

(1) **encase** in glass, (2) **encase** his feet

They **encased** the fragile vase in bubble wrap to protect it during shipping.

## capsule

*n.* a small, enclosed container often used for holding medicines or supplements or for transporting payloads in spacecraft; a small, elongated structure within the body, such as a joint or a gland

(1) space **capsule**, (2) medical **capsule**

The **capsule** hotel room may be small but it has all the necessary amenities.

## refrigerate

*v.* to cool or preserve food or other items by using a refrigerator or other cold storage device; to keep something at a low temperature to prevent spoilage or degradation

*synonym* : chill, cool, freeze

(1) **refrigerate** perishable, (2) **refrigerate** medicine  
We need to **refrigerate** the leftovers to keep them from spoiling.

## **glove**

*n.* a piece of clothing worn on the hand and wrist for protection against cold, dirt, etc., with separate parts for each finger

*synonym* : mitt

(1) a right-hand **glove**, (2) 5-finger **glove**

She was wearing a black **glove**.

## **compartment**

*n.* a separate section or part of a larger enclosed space, such as a train carriage or a ship's cabin

*synonym* : section, part, subdivision

(1) **compartment** door, (2) a watertight **compartment**

The train's **compartment** was small but comfortable.

## **session**

*n.* a formal meeting or series of meetings for the execution of a particular group's functions; a period spent doing a particular activity

*synonym* : conference, gathering

(1) the morning **session**, (2) the court **session**

Parliament is now in **session**.

## **adaptation**

*n.* the action or process of changing to suit different conditions

*synonym* : adaption, adjustment, transformation

(1) **adaptation** ability, (2) language **adaptation**

The company's **adaptation** approach has been highly effective.

## **offspring**

*n.* descendant; any immature animal or plant

*synonym* : children, descendants, heirs

(1) female **offspring**, (2) produce **offspring**

How many **offspring** does the average lion have?

## 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.

## generation

*n.* all the people born and living at about the same time, regarded collectively; the production of heat or electricity

*synonym*: cohort, age group, era

(1) **generation** gap, (2) the **generation** of electricity

The younger **generation** has different values and beliefs than the older one.

## destroy

*v.* to ruin or damage severely or completely; to eradicate or eliminate completely

*synonym*: demolish, ruin, obliterate

(1) **destroy** the ecosystem, (2) **destroyed** evidence

The building was **destroyed** in the fire and had to be rebuilt.

## 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.

## slide

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

*synonym*: glide, drift, drop

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

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

## gorgeous

*adj.* wonderful and attractive

*synonym*: beautiful, stunning, attractive

(1) a **gorgeous** meal, (2) **gorgeous** sunset

She wore a **gorgeous** dress to the party, which everyone admired.

## locust

*n.* a type of grasshopper that can travel in large swarms and cause extensive damage to crops; can also refer to various other insects such as cicadas or katydids

*synonym*: grasshopper, cicada, cricket

(1) **locust** army, (2) **locust** plague

The **locust** infestation destroyed the crops, causing widespread famine.

## collide

*v.* to hit something violently when moving

*synonym*: clash, slam, contradict

(1) **collide** head-on, (2) **collide** in midair

The interests of the two countries **collide**.

## collision

*n.* an instance of two or more objects or entities crashing into each other, usually resulting in damage, impact, or conflict

*synonym*: crash, impact, smash

(1) **collision** detection, (2) come into **collision** with my friend

The **collision** of tectonic plates can result in new mountain ranges, such as the Himalayas or the Alps.

## neuron

*n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body

*synonym*: nerve cell

(1) excite the **neurons**, (2) **neuron** cell body

Our body transfers information along each **neuron** using an electrical impulse.

## avoidance

*n.* the act of keeping away from something or someone; the act of avoiding or evading something, such as a duty or responsibility

*synonym*: evasion, elusion, shirking

(1) **avoidance** behavior, (2) conflict **avoidance**



The **avoidance** of discussing the issue only made things worse.

## circuit

*n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area

*synonym* : route, course, rotation

(1) **circuit** breaker, (2) federal **circuit** courts

An intelligent battery has a voltage monitoring **circuit**.

## fertility

*n.* the state or quality of being able to produce babies, young animals, fruit, or new plants

*synonym* : richness, pregnancy, productivity

(1) soil **fertility**, (2) **fertility** above replacement

The sperm count is used as an indicator of male **fertility**.

## planet

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

*synonym* : earth, world, globe

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

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

## 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.

## ensemble

*n.* a group of people who perform together, especially in music or theater; a coordinated or matching set of something

*synonym* : group, team, set

(1) **ensemble** performance, (2) cloud **ensemble**

She put together an **ensemble** of matching clothes for the party.

## ecosystem

*n.* all the plants and living creatures in an area and the way they affect each other and the environment

(1) marine **ecosystem**, (2) change the **ecosystem**

Human conservation efforts often fail unexpectedly because they disturb the balance of the **ecosystem**.

## prairie

*n.* a large open grassland or meadow, typically in North America

*synonym*: grassland, savanna, meadow

(1) **prairie** landscape, (2) **prairie** dogs

The early morning dew on the **prairie** made the grass glisten like diamonds.

## soil

*n.* the top layer of Earth in which plants grow

*synonym*: earth, ground, mud

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

**Soil** moisture is another significant component controlling soil respiration.

## ranching

*n.* the practice of raising livestock, typically cattle or sheep, on large areas of land, often referred to as ranches, for meat, wool, or other products

*synonym*: farming, agriculture, grazing

(1) **ranching** industry, (2) cattle **ranching**

The government introduced regulations to ensure sustainable **ranching** practices.

## native

*adj.* connecting with or describing someone's birth country or place of birth, or someone born in a specific country or place

*synonym*: endemic, domestic, aboriginal

(1) **native** to Africa, (2) **native** language

The vegetation here is almost wholly **native**.

## ungulate

*n.* a hoofed mammal, characterized by having hooves as their primary means of support and movement, including animals such as horses, cows, deer, and giraffes

*synonym* : hoofed mammal

(1) **ungulate** migration pattern, (2) herbivorous **ungulate**

The safari tour allowed tourists to observe various African **ungulates** in their natural habitats.

## herd

*n.* a group of animals of the same type that live or are kept together as livestock

*synonym* : flock, brood, horde

(1) **herd** of cattle, (2) the common **herd**

He was riding **herd** on the sheep during the day.

## marsh

*n.* a type of land that is always wet and has soft soil; swamp or bog

*synonym* : bog, swamp, fen

(1) **marsh** bird, (2) river-delta **marsh**

Environmentalists are concerned about the harm to the **marsh**.

## sparkle

*v.* to emit or reflect bright flashes of light, especially with animation and joy

*synonym* : shine, glimmer, twinkle

(1) **sparkle** like a gem, (2) **sparkle** from receiving light

The diamond **sparkled** in the sunlight.

## productivity

*n.* the state or quality of being productive; the rate at which a company or individual produces goods or services, often measured in terms of output per unit of input, such as labor, capital, or time

*synonym* : efficiency, output, performance

(1) **productivity** growth, (2) improved **productivity**

She increased her **productivity** by planning out her tasks for the day.

## enhance

*v.* to increase or improve the quality, amount, or strength of someone or something

*synonym* : improve, enrich, refine

(1) **enhance** value, (2) **enhance** the flavor of the vanilla

The new strategy will **enhance** the profitability of our company.

## 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.

## conducive

*adj.* tending to make something likely or possible

*synonym* : beneficial, advantageous, helpful

(1) **conducive** question, (2) **conducive** to growth

The quiet and peaceful environment was **conducive** to concentration and productivity.

## cocktail

*n.* a drink, usually an alcoholic one, made by mixing one or more spirits (= strong alcoholic drinks) and fruit juice; an appetizer served as a first course at a meal

*synonym* : appetizer, beverage

(1) a light **cocktail**, (2) **cocktail** of chemicals

We invited some friends for a **cocktail** party.

## mutual

*adj.* common to or shared by two or more parties

*synonym* : shared, common, joint

(1) share of a **mutual** fund, (2) **mutual** efforts

They cooperated for their **mutual** benefit.

## exclusive

*adj.* not divided or shared with others

*synonym* : sole, deluxe, limited

(1) **exclusive** authority, (2) **exclusive** clubs

The condo offers **exclusive** access to the beach.

## Session 2: Spelling

1. the pe\_\_\_\_ic blooming of the cherry-blossom  
*adj.* happening at regular intervals over a while
2. medical ca\_\_\_\_e  
*n.* a small, enclosed container often used for holding medicines or supplements or for transporting payloads in spacecraft; a small, elongated structure within the body, such as a joint or a gland
3. man\_\_\_\_re an enzyme  
*v.* to make goods in large numbers, usually in a factory using machines
4. female of \_\_\_\_ng  
*n.* descendant; any immature animal or plant
5. cast a tra\_\_\_\_ion spell  
*n.* a complete change in form, nature, or appearance of someone or something
6. h\_\_d of cattle  
*n.* a group of animals of the same type that live or are kept together as livestock
7. co\_\_\_\_il of chemicals  
*n.* a drink, usually an alcoholic one, made by mixing one or more spirits (= strong alcoholic drinks) and fruit juice; an appetizer served as a first course at a meal
8. po\_\_\_\_r fiber  
*n.* a substance composed of macromolecules (= large groups of atoms) made from many smaller and simpler molecules
9. toxic ch\_\_\_\_als  
*adj.* relating to or connected with chemistry;

ANSWERS: 1. periodic, 2. capsule, 3. manufacture, 4. offspring, 5. transformation, 6. herd, 7. cocktail, 8. polymer, 9. chemical

10. a l\_\_s with a wide angle *n.* a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation
11. op\_\_c fiber *adj.* relating to vision or the eyes; relating to or involving light or optics
12. a friendly con\_\_\_\_\_ion *n.* an informal talk between two or more people to exchange their views, ideas, information, etc.
13. pa\_\_\_\_t in the hospital *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
14. fl\_\_h the toilet *v.* to become red on your face, especially because you are embarrassed, angry, or hot; to rinse, clean, or empty something, especially a toilet, by causing large quantities of water to flow
15. dis\_\_\_\_\_on of the earth's surface *n.* the alteration or misrepresentation of something so that it is no longer true or accurate; the way in which a sound or image is changed or distorted
16. ne\_\_\_\_n cell body *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body

ANSWERS: 10. lens, 11. optic, 12. conversation, 13. patient, 14. flush, 15. distortion, 16. neuron

17. blood gl\_\_\_\_e test *n.* a type of sugar that is found in plants, especially fruit, and is an essential energy source in living things
18. pe\_\_l beyond price *n.* a hard, roundish object found within the shells of certain mollusks and used as a gem
19. pu\_\_\_\_y the blood *v.* to remove harmful substances from something and increase the concentration of it
20. inc\_\_\_\_\_ly cheerful character *adv.* in a way that is very difficult to believe; exceedingly or extremely
21. ci\_\_\_\_t breaker *n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area
22. mi\_\_c a human voice *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
23. ad\_\_t fully to the environment *v.* to make fit for or change to suit a new purpose or environment
24. af\_\_\_\_d a high travel cost *v.* to have enough money or time to be able to buy or do something
25. b\_g bites *n.* any tiny insect; a fault or defect in a computer program, system, or machine
26. or\_\_\_\_\_c soils *adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals
27. hazardous li\_\_\_\_d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas

ANSWERS: 17. glucose, 18. pearl, 19. purify, 20. incredibly, 21. circuit, 22. mimic, 23. adapt, 24. afford, 25. bug, 26. organic, 27. liquid

28. op\_\_\_s technology *n.* the academic study of vision and light
29. have ge\_\_\_\_\_c testing *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
30. en\_\_\_\_\_us amount *adj.* extremely large or great
31. eva\_\_\_\_\_on cooling *n.* the process of a liquid changing into a gas or vapor, often as a result of high temperatures or reduced pressure; the gradual disappearance or dissipation of something, such as money or resources
32. the morning se\_\_\_\_\_n *n.* a formal meeting or series of meetings for the execution of a particular group's functions; a period spent doing a particular activity
33. ecology and evo\_\_\_\_\_ary biology *adj.* relating to or denoting how living things develop or change from earlier forms
34. re\_\_\_\_\_e one word with another *v.* to take the place of something
35. en\_\_\_e reaction *n.* a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction
36. produce of\_\_\_\_\_ng *n.* descendant; any immature animal or plant
37. a ma\_\_c spell *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
38. a fossil se\_\_\_\_\_ll *n.* a type of shell that once housed a mollusk, typically found on beaches or in shallow water

ANSWERS: 28. optics, 29. genetic, 30. enormous, 31. evaporation, 32. session, 33. evolutionary, 34. replace, 35. enzyme, 36. offspring, 37. magic, 38. seashell



39. in\_\_\_\_\_e him to write a novel      *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
40. en\_\_\_\_\_le performance      *n.* a group of people who perform together, especially in music or theater; a coordinated or matching set of something
41. cloud en\_\_\_\_\_le      *n.* a group of people who perform together, especially in music or theater; a coordinated or matching set of something
42. ob\_\_\_\_\_s reasons      *adj.* easy to see, discover or understand
43. lu\_\_\_\_t crystals      *adj.* giving off or reflecting light; glowing; shining; translucent or clear in appearance
44. the gen\_\_\_\_\_on of electricity      *n.* all the people born and living at about the same time, regarded collectively; the production of heat or electricity
45. a watertight com\_\_\_\_\_nt      *n.* a separate section or part of a larger enclosed space, such as a train carriage or a ship's cabin
46. a person of ge\_\_\_\_s      *n.* someone who has exceptional intellectual ability and originality
47. em\_\_\_\_\_e a successful business model      *v.* to imitate someone else's achievements to try to do something as well as somebody else
48. sp\_\_\_\_\_e like a gem      *v.* to emit or reflect bright flashes of light, especially with animation and joy
49. de\_\_\_\_e all of my energies      *v.* to commit or dedicate oneself or one's time, effort, or energy to a particular task or purpose

ANSWERS: 39. inspire, 40. ensemble, 41. ensemble, 42. obvious, 43. lucent, 44. generation, 45. compartment, 46. genius, 47. emulate, 48. sparkle, 49. devote

50. st\_\_\_\_ng water *adj.* existing or remaining upright; having a vertical position; (noun) social, financial, or professional status or reputation
51. a company reg\_\_\_\_\_on *n.* an official rule made and maintained by a government or some other authority; the act of controlling or directing something according to a rule
52. co\_\_\_\_r honor *v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
53. cr\_\_l across the floor *v.* to move forward slowly, as people or animals with their bodies near the ground
54. de\_\_\_\_yed evidence *v.* to ruin or damage severely or completely; to eradicate or eliminate completely
55. pa\_\_\_\_\_ng materials *n.* the process, materials, or container used to wrap or contain a product for distribution, storage, or sale; the design or appearance of a product's packaging
56. 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
57. ca\_\_\_\_st for reform *n.* a person or thing that causes an important event to happen or changes the current situation rapidly; (chemistry) a substance that initiates or accelerates a chemical reaction without being changed itself

ANSWERS: 50. standing, 51. regulation, 52. confer, 53. crawl, 54. destroy, 55. packaging, 56. function, 57. catalyst

58. on a qu\_\_t for happiness *n.* a long or challenging search for something
59. nuclear s\_\_o *n.* a tall, cylindrical structure, usually made of concrete or steel, that is used for storing grain, feed, or other dry materials; a system or structure that is isolated or separate from others
60. ref\_\_\_\_\_te perishable *v.* to cool or preserve food or other items by using a refrigerator or other cold storage device; to keep something at a low temperature to prevent spoilage or degradation
61. come into co\_\_\_\_\_on with my friend *n.* an instance of two or more objects or entities crashing into each other, usually resulting in damage, impact, or conflict
62. biomass f\_\_l *n.* a substance that is typically burned to generate heat or energy
63. sn\_\_f out the candle *n.* finely ground tobacco that is inhaled through the nose as a form of tobacco use; a type of scented tobacco that is often used for aromatic purposes in candles or incense; (verb) to extinguish or put out
64. the pr\_\_\_\_\_nd depths of the sea *adj.* extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension
65. pl\_\_\_\_\_um jewelry *n.* a dense, precious, silvery-white metal with the atomic number 78 and the symbol Pt that is highly resistant to corrosion and tarnishing, often used in jewelry, coins, and industrial applications

ANSWERS: 58. quest, 59. silo, 60. refrigerate, 61. collision, 62. fuel, 63. snuff, 64. profound, 65. platinum

66. 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
67. aerobic or\_\_\_\_sm *n.* a tiny living thing
68. br\_\_\_\_e bones *adj.* easily broken, cracked, or shattered when subjected to pressure or stress; lacking flexibility or resilience; fragile
69. a so\_\_r eclipse *adj.* of, from, or relating to the sun
70. me\_\_\_\_n in a report *v.* to speak or write about something or someone briefly
71. cattle ra\_\_\_\_ng *n.* the practice of raising livestock, typically cattle or sheep, on large areas of land, often referred to as ranches, for meat, wool, or other products
72. tr\_\_\_\_nt by diet *n.* the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.
73. the atmospheric tem\_\_\_\_re *n.* the degree of hotness or coldness of a thing or place
74. si\_\_\_\_n wafer *n.* a chemical element with the symbol Si that is a hard, brittle crystalline solid with a blue-grey metallic luster and used for the transistors and integrated circuit chips in computers
75. a r\_w of cherry trees *n.* an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars

ANSWERS: 66. mimicry, 67. organism, 68. brittle, 69. solar, 70. mention, 71. ranching, 72. treatment, 73. temperature, 74. silicon, 75. row

76. ref\_\_\_\_\_te medicine                    *v.* to cool or preserve food or other items by using a refrigerator or other cold storage device; to keep something at a low temperature to prevent spoilage or degradation
77. a cultured pe\_\_l                            *n.* a hard, roundish object found within the shells of certain mollusks and used as a gem
78. en\_\_\_e his feet                            *v.* to enclose or cover something in a protective or decorative layer
79. ev\_\_\_e                                        *v.* to develop gradually, or to cause the development of something or someone gradually
80. am\_\_\_\_\_g advances                    *adj.* extremely surprising, especially in a way that you like or admire
81. a wood ca\_\_\_\_\_g                        *n.* the act or process of cutting or shaping a hard material, such as wood or stone, into a specific form or design
82. op\_\_c illusion                              *adj.* relating to vision or the eyes; relating to or involving light or optics
83. pathogenic ba\_\_\_\_\_ia                    *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
84. the outside fa\_\_\_e of a castle            *n.* the face or front of a building, especially a large one; superficial or false appearance intended to conceal something unpleasant

ANSWERS: 76. refrigerate, 77. pearl, 78. encase, 79. evolve, 80. amazing, 81. carving, 82. optic, 83. bacteria, 84. facade

85. es\_\_\_\_te a fair value      *v.* to guess or calculate the cost, size, value, etc. of something
86. gr\_\_d bargain      *adj.* important and large in size, scope, or extent
87. mi\_\_\_\_e person      *n.* an act or occurrence that is not explicable by natural or scientific laws and is therefore believed to be caused by God
88. co\_\_\_\_e the value      *v.* to make a mathematical calculation
89. ji\_\_\_\_w woodworking      *n.* a tool with a fine-toothed blade used for cutting intricate curves and patterns in thin material such as wood or metal, typically with the blade being reciprocating; a type of puzzle that consists of irregularly shaped pieces that must be fitted together to form a complete picture
90. av\_\_\_\_ce behavior      *n.* the act of keeping away from something or someone; the act of avoiding or evading something, such as a duty or responsibility
91. a so\_\_\_\_t liquid      *adj.* capable of dissolving other substances; having sufficient money to pay all outstanding debts; (noun) a liquid substance capable of dissolving other substances
92. back f\_n      *n.* a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance

ANSWERS: 85. estimate, 86. grand, 87. miracle, 88. compute, 89. jigsaw, 90. avoidance, 91. solvent, 92. fin

93. na\_\_\_n-state *n.* a large organized community of people living in a particular country or region and having a particular culture
94. burning of fo\_\_\_l fuels *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
95. pr\_\_\_\_\_n synthesis *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
96. synthetic fi\_\_\_r *n.* thread or filament used to make a vegetable tissue, mineral material, or textile
97. for in\_\_\_\_\_ce *n.* a particular example or single occurrence of something
98. di\_\_\_\_\_ar without a trace *v.* to cease to exist or be visible
99. pa\_\_\_e strokes *n.* a flat, usually wooden implement with a handle used for stirring, mixing, or beating a liquid or substance
100. em\_\_\_\_\_e his watercolors *v.* to imitate someone else's achievements to try to do something as well as somebody else
101. decisive ju\_\_\_\_\_re *n.* a critical point or moment in time, often indicating a key decision or turning point; a place or point of connection, such as a joint or seam
102. so\_\_d ally *adj.* hard or firm; characterized by good substantial quality
103. sit up\_\_\_\_\_t in a chair *adj.* perpendicular to a horizontal surface or line; (adverb) in a vertical position

ANSWERS: 93. nation, 94. fossil, 95. protein, 96. fiber, 97. instance, 98. disappear, 99. paddle, 100. emulate, 101. juncture, 102. solid, 103. upright

104. th\_\_\_d a catheter
- n.* a fine cord of natural or synthetic fibers or filaments, such as cotton or nylon, used in sewing, knitting, or weaving; a series of connected messages or comments on a social media platform or online forum, often related to a particular topic; a sequence or line of events, ideas, or actions that are connected or related; (verb) to pass a thread through a needle or other small opening, in preparation for sewing or stitching
105. an insect sp\_\_\_y
- n.* a fine mist of liquid that is dispersed into the air; flower arrangement consisting of a single branch or shoot bearing flowers and foliage
106. fiber op\_\_\_s
- n.* the academic study of vision and light
107. ve\_\_\_\_\_l fin
- adj.* relating to or situated on or toward the belly or underside of an animal or organ; opposite of dorsal
108. the cell of the im\_\_\_e system
- adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
109. in\_\_\_\_\_e a high degree of risk
- v.* to include or affect someone or something as a necessary part of something else
110. so\_\_\_d employment measures
- adj.* hard or firm; characterized by good substantial quality
111. se\_\_\_\_\_ll ornament
- n.* a type of shell that once housed a mollusk, typically found on beaches or in shallow water

ANSWERS: 104. thread, 105. spray, 106. optics, 107. ventral, 108. immune, 109. involve, 110. solid, 111. seashell



112. con\_\_\_\_\_ion in English *n.* an informal talk between two or more people to exchange their views, ideas, information, etc.
113. biological was\_\_\_\_\_er *n.* water that contains waste substances from homes, farms, factories, etc.
114. dog-loving m\_\_e *n.* a person's partner in marriage or romantic relationship; an animal's sexual partner; a peer or friend; (of the game of chess) checkmate, which is the winning condition of the game
115. sk\_\_\_y jeans *adj.* having a very thin or slim body; referring to clothing that is tightly fitting and reveals the shape of the body; referring to information or details that are kept secret or confidential
116. a\_t cabin *adj.* (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle
117. pr\_\_\_\_\_e landscape *n.* a large open grassland or meadow, typically in North America
118. have no up\_\_\_e *n.* the positive aspect or potential of something; the upper side of something
119. ex\_\_\_\_\_ve authority *adj.* not divided or shared with others
120. confidence tu\_\_\_es as unemployment rates rose *v.* to fall suddenly, often uncontrollably; to topple or turn over; to decline sharply and quickly in value, quality, or performance
121. vitamin and mi\_\_\_\_\_ls *n.* a solid inorganic substance occurring in nature having a definite chemical composition

ANSWERS: 112. conversation, 113. wastewater, 114. mate, 115. skinny, 116. aft, 117. prairie, 118. upside, 119. exclusive, 120. tumble, 121. mineral

122. officious int\_\_\_\_\_nce *n.* the act or process of getting involved in and trying to influence a specific situation; the state of being affected and influenced with
123. va\_\_\_y bottom *n.* a long depression on the surface of the land, which typically contains a river
124. criminal on death r\_w *n.* an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars
125. mi\_\_c numerous instruments *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
126. tec\_\_\_\_\_cal advancement *adj.* based on scientific and industrial progress
127. gen\_\_\_\_\_on gap *n.* all the people born and living at about the same time, regarded collectively; the production of heat or electricity
128. ce\_\_\_\_\_cs class *n.* objects made from materials such as clay that are hardened by heat, often to create functional or decorative items
129. sw\_\_t bath *n.* the salty liquid that is produced by the glands in the skin, especially when the body is hot or under stress
130. a h\_\_e in prices *n.* a long walk or journey, especially for pleasure or exercise; an increase in cost
131. ex\_\_\_\_\_e weather events *adj.* very great in amount or degree
132. a sp\_\_y of mist *n.* a fine mist of liquid that is dispersed into the air; flower arrangement consisting of a single branch or shoot bearing flowers and foliage

ANSWERS: 122. interference, 123. valley, 124. row, 125. mimic, 126. technological, 127. generation, 128. ceramics, 129. sweat, 130. hike, 131. extreme, 132. spray

133. as\_\_\_\_le your colleagues *v.* to collect in one place as a single group
134. l\_\_n athletic figure *adj.* having a noticeably small amount of body fat; (verb) to bend or move from a straight to a sloping posture
135. s\_\_n a top *v.* to cause something to rotate rapidly; to cause someone to feel dizzy or disoriented
136. co\_\_\_\_e an average score *v.* to make a mathematical calculation
137. as\_\_\_\_le a jigsaw puzzle *v.* to collect in one place as a single group
138. bo\_\_\_\_e across the floor *v.* to cause to move up or away after hitting a surface; to spring back
139. an egg sh\_\_l *n.* hard outer covering or case of eggs, nuts, some seeds, and some animals
140. sodium ca\_\_\_\_te *n.* a carbonic acid salt or ester that contains the anion CO<sub>3</sub>
141. legal co\_\_\_\_t *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
142. fl\_\_\_\_le schedules *adj.* able to change or be changed to suit new conditions or situations; able to bend easily
143. the ha\_\_\_\_re department *n.* durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems
144. 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: 133. assemble, 134. lean, 135. spin, 136. compute, 137. assemble, 138.

bounce, 139. shell, 140. carbonate, 141. context, 142. flexible, 143. hardware, 144.  
process

145. an oral va\_\_\_\_\_e      *n.* a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)
146. lo\_\_s fragrance      *n.* a type of aquatic plant with large, round, floating leaves and distinctive flowers, often associated with spiritual symbolism and cultural significance in Asia
147. pu\_\_\_e sweet potatoes      *adj.* of a color intermediate between red and blue
148. me\_\_l fabrication      *n.* a solid material that is typically hard, shiny, malleable, fusible, and ductile, with good electrical and thermal conductivity, and often used as a structural material, a conductor of heat or electricity, or for decorative purposes
149. ch\_\_n reaction      *n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
150. course sy\_\_\_\_\_us      *n.* an outline or summary of the topics, themes, and assignments to be covered in a particular course or educational program; a list or summary of key themes or components of a particular document, work, or project
151. the qu\_\_t for truth      *n.* a long or challenging search for something
152. 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

ANSWERS: 145. vaccine, 146. lotus, 147. purple, 148. metal, 149. chain, 150. syllabus, 151. quest, 152. crystal

153. en\_\_\_\_er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
154. mi\_\_\_\_l rights *n.* a solid inorganic substance occurring in nature having a definite chemical composition
155. co\_\_\_\_e in midair *v.* to hit something violently when moving
156. I don't care a c\_\_p *n.* a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat
157. tracking de\_\_\_\_e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
158. na\_\_\_e language *adj.* connecting with or describing someone's birth country or place of birth, or someone born in a specific country or place
159. a seafaring na\_\_\_\_n *n.* a large organized community of people living in a particular country or region and having a particular culture
160. di\_\_\_\_e settlement *n.* the legal dissolution of a marriage
161. to\_\_n production *n.* a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism
162. ion of ca\_\_\_\_m *n.* a chemical element with the symbol Ca and atomic number 20, which is an important mineral for the human body

ANSWERS: 153. engineer, 154. mineral, 155. collide, 156. chip, 157. device, 158. native, 159. nation, 160. divorce, 161. toxin, 162. calcium

163. go on a h\_\_e *n.* a long walk or journey, especially for pleasure or exercise; an increase in cost
164. canoe pa\_\_\_e *n.* a flat, usually wooden implement with a handle used for stirring, mixing, or beating a liquid or substance
165. a pr\_\_\_\_nd book *adj.* extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension
166. the ch\_\_\_\_\_ry of soil *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
167. ji\_\_\_w puzzle *n.* a tool with a fine-toothed blade used for cutting intricate curves and patterns in thin material such as wood or metal, typically with the blade being reciprocating; a type of puzzle that consists of irregularly shaped pieces that must be fitted together to form a complete picture
168. language ada\_\_\_\_\_on *n.* the action or process of changing to suit different conditions
169. the blood fl\_\_h into my face *v.* to become red on your face, especially because you are embarrassed, angry, or hot; to rinse, clean, or empty something, especially a toilet, by causing large quantities of water to flow
170. 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

ANSWERS: 163. hike, 164. paddle, 165. profound, 166. chemistry, 167. jigsaw, 168. adaptation, 169. flush, 170. crystal

171. em\_\_d scripts in the message      *v.* to fix or set firmly in a surrounding mass
172. reg\_\_\_\_\_on by the government      *n.* an official rule made and maintained by a government or some other authority; the act of controlling or directing something according to a rule
173. beginning of the ind\_\_\_\_\_al revolution      *adj.* of or relating to or resulting from industry
174. mo\_\_\_g experience      *adj.* causing strong emotions or feelings, especially sadness or sympathy
175. 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
176. the th\_\_\_l of speed      *n.* a feeling of extreme and sudden excitement and pleasure; to cause someone to feel sudden intense sensation or emotion
177. incredible th\_\_\_l      *n.* a feeling of extreme and sudden excitement and pleasure; to cause someone to feel sudden intense sensation or emotion
178. the most am\_\_\_\_\_g feeling      *adj.* extremely surprising, especially in a way that you like or admire
179. slow eva\_\_\_\_\_on      *n.* the process of a liquid changing into a gas or vapor, often as a result of high temperatures or reduced pressure; the gradual disappearance or dissipation of something, such as money or resources
180. pr\_\_\_\_\_le of treatment      *n.* a fundamental law or truth that explains or controls how something happens or works

ANSWERS: 171. embed, 172. regulation, 173. industrial, 174. moving, 175. pollen, 176. thrill, 177. thrill, 178. amazing, 179. evaporation, 180. principle



181. seals sleep und\_\_\_\_\_er *adv.* below or under the surface of the water
182. gas fi\_\_\_\_r *n.* any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light
183. a be\_\_\_\_e larva *n.* an insect having a hard shell-like back covering its wings
184. hour of ent\_\_\_\_\_ent *n.* public shows, films, television, or other performances or activities of enjoying people
185. po\_\_\_\_n bilateral relations *n.* a substance that can cause illness, injury, or death when ingested, inhaled, or absorbed through the skin; something harmful, malicious, or toxic; the act of damaging or ruining a relationship; (verb) to introduce a substance into something or someone harmful and potentially deadly
186. bio\_\_\_\_\_de by the microorganism *v.* to decay naturally by microorganisms, such as bacteria and fungi
187. co\_\_\_\_r degree *v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
188. a go\_\_\_\_us meal *adj.* wonderful and attractive
189. fe\_\_\_\_\_ck supply *n.* the raw material or substances that are used to make a product, particularly in industrial or manufacturing processes
190. lack of digestive en\_\_\_\_es *n.* a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction

ANSWERS: 181. underwater, 182. filter, 183. beetle, 184. entertainment, 185. poison, 186. biodegrade, 187. confer, 188. gorgeous, 189. feedstock, 190. enzyme

191. exposure to to\_\_c chemicals *adj.* of or relating to or caused by a poison; poisonous
192. number of b\_g fixes *n.* any tiny insect; a fault or defect in a computer program, system, or machine
193. reap a ha\_\_\_\_t *n.* yields of plants in a single growing season; the period of the year when gathering occurs on a farm
194. d\_\_t track *n.* soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock
195. dom\_\_\_\_\_te the plant *v.* to take control of animals or plants to provide food, power, or company
196. soft lu\_\_t light *adj.* giving off or reflecting light; glowing; shining; translucent or clear in appearance
197. nonmetallic el\_\_\_\_ts *n.* a fundamental or essential part of something
198. principles of sus\_\_\_\_\_le development *adj.* able to continue or be continued for a long time
199. re\_\_\_e book *n.* a set of instructions for preparing a dish, including the ingredients and the method of cooking
200. ind\_\_\_\_\_al alcohol *adj.* of or relating to or resulting from industry
201. penicillin-re\_\_\_\_\_nt bacteria *adj.* not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection

ANSWERS: 191. toxic, 192. bug, 193. harvest, 194. dirt, 195. domesticate, 196. lucent, 197. element, 198. sustainable, 199. recipe, 200. industrial, 201. resistant

202. mo\_\_\_g ceremony *adj.* causing strong emotions or feelings, especially sadness or sympathy
203. bite his tongue li\_\_\_\_\_ly *adv.* in the real or original meaning of a word or phrase; in a literal sense or way; not figuratively
204. biological po\_\_\_\_\_r *n.* a substance composed of macromolecules (= large groups of atoms) made from many smaller and simpler molecules
205. tec\_\_\_\_\_cal policy *adj.* based on scientific and industrial progress
206. ra\_\_\_\_\_ng industry *n.* the practice of raising livestock, typically cattle or sheep, on large areas of land, often referred to as ranches, for meat, wool, or other products
207. aut\_\_\_\_\_lly adjusted *adv.* without needing a direct human control
208. se\_\_\_\_\_er pollution *n.* water from the sea or ocean, typically containing salt and various other dissolved minerals
209. s\_\_k fabric *n.* a fine, strong, soft, lustrous fiber produced by silkworms in making cocoons and collected to make thread and fabric
210. ra\_\_\_\_\_er acidity *n.* water that falls from the clouds in the form of rain and is collected
211. save the pl\_\_\_\_t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

ANSWERS: 202. moving, 203. literally, 204. polymer, 205. technological, 206. ranching, 207. automatically, 208. seawater, 209. silk, 210. rainwater, 211. planet

212. car\_\_\_\_\_nic air pollution *adj.* capable of causing cancer or promoting tumor growth; cancer-causing
213. meet with opp\_\_\_\_\_on *n.* the act of disagreeing or resisting; the state of strong disagreement
214. co\_\_\_\_\_e head-on *v.* to hit something violently when moving
215. all in a sw\_\_\_t *n.* the salty liquid that is produced by the glands in the skin, especially when the body is hot or under stress
216. improved pro\_\_\_\_\_ity *n.* the state or quality of being productive; the rate at which a company or individual produces goods or services, often measured in terms of output per unit of input, such as labor, capital, or time
217. ve\_\_\_\_\_l hernia *adj.* relating to or situated on or toward the belly or underside of an animal or organ; opposite of dorsal
218. cell and molecular bi\_\_\_\_\_y *n.* the scientific study of life and the natural processes of living things
219. mu\_\_\_l efforts *adj.* common to or shared by two or more parties
220. his conclusion was ob\_\_\_\_\_s *adj.* easy to see, discover or understand
221. gl\_\_\_\_\_r retreat *n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
222. a burning th\_\_\_t *n.* a feeling of needing something to drink; a strong desire for something
223. sk\_\_\_l fracture *n.* a bone framework that surrounds the brain and gives the head its shape

ANSWERS: 212. carcinogenic, 213. opposition, 214. collide, 215. sweat, 216. productivity, 217. ventral, 218. biology, 219. mutual, 220. obvious, 221. glacier, 222. thirst, 223. skull

224. copyrighted so\_\_\_\_\_re *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
225. write el\_\_\_\_\_t sentences *adj.* pleasing and graceful in appearance or manner, or showing good taste and refinement
226. s\_\_ls retentive of moisture *n.* the top layer of Earth in which plants grow
227. ju\_\_\_e with facts *v.* to manage or cope with several tasks, responsibilities, or situations simultaneously; to keep several things in the air at once, as in a juggling act
228. was\_\_\_\_\_er disposal equipment *n.* water that contains waste substances from homes, farms, factories, etc.
229. male pe\_\_\_\_\_k *n.* a large, colorful, and majestic bird of the pheasant family
230. a c\_\_p of wood *n.* a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat
231. the tra\_\_\_\_\_ion of a tadpole into a frog *n.* a complete change in form, nature, or appearance of someone or something
232. horizontal dis\_\_\_\_\_on *n.* the alteration or misrepresentation of something so that it is no longer true or accurate; the way in which a sound or image is changed or distorted
233. without impact wha\_\_\_\_\_er *adv.* not at all; no matter what
234. a bull wh\_\_e *n.* a very large sea mammal that has a streamlined body and breathes through a blowhole on the head; a very large person; impressive in size or qualities

ANSWERS: 224. software, 225. elegant, 226. soil, 227. juggle, 228. wastewater, 229. peacock, 230. chip, 231. transformation, 232. distortion, 233. whatsoever, 234. whale

235. better fuel eff\_\_\_\_\_cy                    *n.* the state or quality of doing something well with no waste of input such as time or money
236. d\_\_t road                                    *n.* soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock
237. a k\_\_t of people                           *n.* a tight interlacing of something such as rope or thread
238. d\_p a pen in ink                           *v.* to put something into a liquid for a short time and take it out again
239. op\_\_\_\_\_ne occasion                   *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
240. in\_\_\_\_\_te in supply                   *adj.* unlimited or very great; impossible to measure
241. conflict av\_\_\_\_\_ce                    *n.* the act of keeping away from something or someone; the act of avoiding or evading something, such as a duty or responsibility
242. start a new th\_\_\_\_d                    *n.* a fine cord of natural or synthetic fibers or filaments, such as cotton or nylon, used in sewing, knitting, or weaving; a series of connected messages or comments on a social media platform or online forum, often related to a particular topic; a sequence or line of events, ideas, or actions that are connected or related; (verb) to pass a thread through a needle or other small opening, in preparation for sewing or stitching

ANSWERS: 235. efficiency, 236. dirt, 237. knot, 238. dip, 239. opportune, 240. infinite, 241. avoidance, 242. thread

243. po\_\_\_n ivy *n.* a substance that can cause illness, injury, or death when ingested, inhaled, or absorbed through the skin; something harmful, malicious, or toxic; the act of damaging or ruining a relationship; (verb) to introduce a substance into something or someone harmful and potentially deadly
244. cry\_\_\_\_\_ze a concept *v.* to form crystals from a liquid or solution; to become clear or definite in form or structure; to solidify
245. l\_\_t sagging skin *v.* to raise something to a higher position or level; to pick up something or somebody and move them to a different position
246. de\_\_\_e my own life *v.* to commit or dedicate oneself or one's time, effort, or energy to a particular task or purpose
247. qu\_\_\_h a rebellion *v.* to drink liquid so that you satisfy your thirst
248. ju\_\_\_e a job and motherhood *v.* to manage or cope with several tasks, responsibilities, or situations simultaneously; to keep several things in the air at once, as in a juggling act
249. huge military bu\_\_\_\_\_p *n.* the accumulation or increase of something over time
250. the so\_\_r system *adj.* of, from, or relating to the sun
251. the common h\_\_d *n.* a group of animals of the same type that live or are kept together as livestock

ANSWERS: 243. poison, 244. crystallize, 245. lift, 246. devote, 247. quench, 248. juggle, 249. buildup, 250. solar, 251. herd

252. d\_p a chip in the sauce      *v.* to put something into a liquid for a short time and take it out again
253. com\_\_\_\_\_nt door      *n.* a separate section or part of a larger enclosed space, such as a train carriage or a ship's cabin
254. rev\_\_\_\_\_le decision      *adj.* capable of being turned or done in the opposite direction or way; capable of being reversed or undone
255. up\_\_\_\_\_se encounter      *adj.* of or relating to something seen or experienced from a very short distance, typically allowing a detailed view or intimate understanding
256. an op\_\_\_\_\_ne remark      *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
257. 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
258. di\_\_\_\_\_ar after a week      *v.* to cease to exist or be visible
259. a fo\_\_\_\_l leaf      *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
260. mu\_\_\_\_l cultivation      *n.* a type of shellfish that lives in freshwater or saltwater has a hard, elongated shell and is edible
261. up\_\_\_\_\_se look      *adj.* of or relating to something seen or experienced from a very short distance, typically allowing a detailed view or intimate understanding

ANSWERS: 252. dip, 253. compartment, 254. reversible, 255. up-close, 256. opportune, 257. mineralize, 258. disappear, 259. fossil, 260. mussel, 261. up-close



262. the grand ch\_\_\_\_on *n.* someone who has won first place in a competition; someone who fights for a specific group of people or a belief
263. as\_\_\_\_t a patient *v.* to help someone in doing anything
264. sus\_\_\_\_le alternative fuel *adj.* able to continue or be continued for a long time
265. in\_\_\_\_te appetite *adj.* unlimited or very great; impossible to measure
266. charged pa\_\_\_\_le *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
267. pathogenic mi\_\_\_\_e *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
268. te\_\_\_\_te design *n.* a pre-designed file or document used as a starting point for a particular application so that the format does not have to be created from scratch
269. potted ge\_\_\_\_um *n.* a flowering plant of the genus Geranium, often cultivated for its attractive, brightly colored flowers and commonly used in gardens or as decorative houseplants
270. ex\_\_\_\_ng news *adj.* causing a lot of interest or excitement
271. go\_\_\_\_us sunset *adj.* wonderful and attractive
272. co\_\_\_\_us of having succeeded *adj.* being aware of and able to respond to what is happening around you
273. a ca\_\_\_\_st in the process of hydrolysis *n.* a person or thing that causes an important event to happen or changes the current situation rapidly; (chemistry) a substance that initiates or accelerates a chemical reaction without being changed itself

ANSWERS: 262. champion, 263. assist, 264. sustainable, 265. infinite, 266. particle, 267. microbe, 268. template, 269. geranium, 270. exciting, 271. gorgeous, 272.

conscious, 273. catalyst

274. job pr\_\_\_\_cts
- n.* the possibility or likelihood of something happening or being successful; a person or thing that is likely to succeed or become popular; a potential customer or client; (verb) to explore for useful or valuable things or substances, such as minerals
275. a light co\_\_\_\_il
- n.* a drink, usually an alcoholic one, made by mixing one or more spirits (= strong alcoholic drinks) and fruit juice; an appetizer served as a first course at a meal
276. biodegradable pa\_\_\_\_\_ng
- n.* the process, materials, or container used to wrap or contain a product for distribution, storage, or sale; the design or appearance of a product's packaging
277. cr\_\_l away from a car
- v.* to move forward slowly, as people or animals with their bodies near the ground
278. s\_\_k road
- n.* a fine, strong, soft, lustrous fiber produced by silkworms in making cocoons and collected to make thread and fabric
279. co\_\_\_\_\_ve to growth
- adj.* tending to make something likely or possible
280. re\_\_\_\_\_gn of lifestyle
- v.* to design something again, especially in a different or modified form; (noun) the process of designing something again
281. stress pr\_\_\_\_n
- n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues

ANSWERS: 274. prospect, 275. cocktail, 276. packaging, 277. crawl, 278. silk, 279. conducive, 280. redesign, 281. protein

282. the court se\_\_\_\_\_n *n.* a formal meeting or series of meetings for the execution of a particular group's functions; a period spent doing a particular activity
283. officially di\_\_\_\_\_ved the marriage *v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
284. pl\_\_\_\_t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
285. pl\_\_\_\_\_um record *n.* a dense, precious, silvery-white metal with the atomic number 78 and the symbol Pt that is highly resistant to corrosion and tarnishing, often used in jewelry, coins, and industrial applications
286. pi\_\_\_\_\_t accumulation *n.* a substance that gives color to a material, such as paint, ink, or biological tissue; often derived from natural sources or synthetically produced
287. i\_n channel *n.* an atom or molecule that has a positive or negative electrical charge caused by its losing or gained one or more electrons
288. s\_\_o organization *n.* a tall, cylindrical structure, usually made of concrete or steel, that is used for storing grain, feed, or other dry materials; a system or structure that is isolated or separate from others

ANSWERS: 282. session, 283. dissolve, 284. planet, 285. platinum, 286. pigment, 287. ion, 288. silo

289. st\_\_\_h granules *n.* a complex carbohydrate found in many plants, including rice, wheat, and potatoes that is an important foodstuff for humans and animals
290. 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
291. basin-shaped va\_\_\_y *n.* a long depression on the surface of the land, which typically contains a river
292. b\_\_p against a wall *v.* to hit or knock against something hard, often with a dull sound; to meet with by accident
293. fe\_\_\_\_\_ty above replacement *n.* the state or quality of being able to produce babies, young animals, fruit, or new plants
294. the RSA al\_\_\_\_\_hm *n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
295. di\_\_\_m species *n.* a type of single-celled algae that is characterized by its ornate and intricate silica shells, which form a distinctive pattern or design when viewed under a microscope
296. a fl\_\_\_\_\_le wire *adj.* able to change or be changed to suit new conditions or situations; able to bend easily
297. potato st\_\_\_h *n.* a complex carbohydrate found in many plants, including rice, wheat, and potatoes that is an important foodstuff for humans and animals

ANSWERS: 289. starch, 290. mimicry, 291. valley, 292. bump, 293. fertility, 294. algorithm, 295. diatom, 296. flexible, 297. starch

298. bridal ha\_\_\_o *n.* a particular way of arranging or styling one's hair; a hairstyle
299. th\_\_\_t for authority *n.* a feeling of needing something to drink; a strong desire for something
300. a hard k\_\_\_t *n.* a tight interlacing of something such as rope or thread
301. a mollusk sh\_\_\_l *n.* hard outer covering or case of eggs, nuts, some seeds, and some animals
302. co\_\_\_g challenge *n.* the process of writing or creating computer code, which is a set of instructions that tells a computer what to do to create software, websites, apps, and other digital products
303. in\_\_\_\_\_e a lot of paperwork *v.* to include or affect someone or something as a necessary part of something else
304. historical co\_\_\_\_\_t *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
305. fragrant ge\_\_\_\_\_um *n.* a flowering plant of the genus Geranium, often cultivated for its attractive, brightly colored flowers and commonly used in gardens or as decorative houseplants
306. ca\_\_\_\_\_g instrument *n.* the act or process of cutting or shaping a hard material, such as wood or stone, into a specific form or design
307. share of a mu\_\_\_l fund *adj.* common to or shared by two or more parties

ANSWERS: 298. hairdo, 299. thirst, 300. knot, 301. shell, 302. coding, 303. involve, 304. context, 305. geranium, 306. carving, 307. mutual

308. smoking m\_\_e                      *n.* a person's partner in marriage or romantic relationship; an animal's sexual partner; a peer or friend; (of the game of chess) checkmate, which is the winning condition of the game
309. heavy hy\_\_\_\_en                  *n.* the chemical element that is the lightest gas is colorless, odorless, tasteless, and combines with oxygen to form water
310. extreme tem\_\_\_\_res            *n.* the degree of hotness or coldness of a thing or place
311. el\_\_\_\_t design                  *adj.* pleasing and graceful in appearance or manner, or showing good taste and refinement
312. wild cr\_\_\_\_r                      *n.* a small or unimportant creature or animal, often used in a familiar or affectionate way
313. env\_\_\_\_nt affairs                *n.* the natural world such as air, water, and land in which humans, animals, and plants live
314. pr\_\_\_\_or cell                    *n.* a person or thing that comes before another of the same kind and that contributes to or influences its growth
315. cute cr\_\_\_\_r                      *n.* a small or unimportant creature or animal, often used in a familiar or affectionate way
316. an\_\_e material                  *n.* the positively charged electrode by which electrons enter an electrical device, such as a battery or an electrolytic cell; the electrode at which oxidation occurs

ANSWERS: 308. mate, 309. hydrogen, 310. temperature, 311. elegant, 312. critter, 313. environment, 314. precursor, 315. critter, 316. anode

317. deg\_\_\_\_\_on by heat      *n.* the condition or process of changing to a lower state, or a less respected state
318. an automatic ap\_\_\_\_\_re      *n.* an opening or hole, especially one that is narrow or slitlike
319. ref\_\_\_\_\_ion car      *n.* the process of cooling or freezing something, especially food, to preserve it
320. g\_\_e cloning      *n.* the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.
321. tar\_\_\_\_\_de research      *n.* a microscopic, water-dwelling animal that is known for its resilience and ability to survive extreme conditions
322. un\_\_\_\_\_te migration pattern      *n.* a hoofed mammal, characterized by having hooves as their primary means of support and movement, including animals such as horses, cows, deer, and giraffes
323. clogged fi\_\_\_\_r      *n.* any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light
324. a civil en\_\_\_\_\_er      *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
325. space ca\_\_\_\_\_e      *n.* a small, enclosed container often used for holding medicines or supplements or for transporting payloads in spacecraft; a small, elongated structure within the body, such as a joint or a gland

ANSWERS: 317. degradation, 318. aperture, 319. refrigeration, 320. gene, 321. tardigrade, 322. ungulate, 323. filter, 324. engineer, 325. capsule



326. co\_\_\_\_\_us effort *adj.* being aware of and able to respond to what is happening around you
327. wha\_\_\_\_\_er it be *adv.* not at all; no matter what
328. she is ma\_\_c *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
329. tu\_\_\_e down the hill *v.* to fall suddenly, often uncontrollably; to topple or turn over; to decline sharply and quickly in value, quality, or performance
330. scuba sn\_\_\_\_\_l *n.* a tube-like device used for breathing underwater, with one end in the mouth and the other above the surface of the water
331. be\_\_\_e brows *n.* an insect having a hard shell-like back covering its wings
332. es\_\_\_\_\_te this chicken to weigh three pounds *v.* to guess or calculate the cost, size, value, etc. of something
333. proper su\_\_\_t *n.* a set of things that are contained within another larger set; a portion or division of a group or category
334. a scanty ha\_\_\_\_\_t *n.* yields of plants in a single growing season; the period of the year when gathering occurs on a farm
335. lo\_\_\_t army *n.* a type of grasshopper that can travel in large swarms and cause extensive damage to crops; can also refer to various other insects such as cicadas or katydids

ANSWERS: 326. conscious, 327. whatsoever, 328. magic, 329. tumble, 330. snorkel, 331. beetle, 332. estimate, 333. subset, 334. harvest, 335. locust

336. sn\_\_\_\_\_l gear *n.* a tube-like device used for breathing underwater, with one end in the mouth and the other above the surface of the water
337. deep pu\_\_\_\_e *adj.* of a color intermediate between red and blue
338. re\_\_\_\_\_gn project *v.* to design something again, especially in a different or modified form; (noun) the process of designing something again
339. ev\_\_\_\_e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
340. su\_\_\_\_t selection *n.* a set of things that are contained within another larger set; a portion or division of a group or category
341. pu\_\_\_\_y hydrogen gas *v.* to remove harmful substances from something and increase the concentration of it
342. a f\_n of a plane *n.* a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance
343. 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

ANSWERS: 336. snorkel, 337. purple, 338. redesign, 339. evolve, 340. subset, 341. purify, 342. fin, 343. function

344. ne\_\_\_l stem cells *adj.* of or relating to a nerve or the nervous system that includes the brain
345. int\_\_\_\_\_nce wave *n.* the act or process of getting involved in and trying to influence a specific situation; the state of being affected and influenced with
346. record driving aut\_\_\_\_\_lly *adv.* without needing a direct human control
347. small-ap\_\_\_\_\_re telescope *n.* an opening or hole, especially one that is narrow or slitlike
348. sl\_\_\_\_\_h loyalty *adj.* overly submissive or obedient, often to an excessive or servile degree; lacking independence or originality; unquestioningly following or imitating something or someone
349. ada\_\_\_\_\_on ability *n.* the action or process of changing to suit different conditions
350. notable in\_\_\_\_\_ce *n.* a particular example or single occurrence of something
351. lo\_\_s petals *n.* a type of aquatic plant with large, round, floating leaves and distinctive flowers, often associated with spiritual symbolism and cultural significance in Asia
352. ne\_\_\_l networks in AI *adj.* of or relating to a nerve or the nervous system that includes the brain
353. 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

ANSWERS: 344. neural, 345. interference, 346. automatically, 347. aperture, 348. slavish, 349. adaptation, 350. instance, 351. lotus, 352. neural, 353. mineralize

354. visual c\_e *n.* a signal, gesture, or action that provides information or direction for someone else to act or respond; a reminder or prompt for someone to do something
355. de\_\_\_\_y the ecosystem *v.* to ruin or damage severely or completely; to eradicate or eliminate completely
356. sp\_\_\_\_e from receiving light *v.* to emit or reflect bright flashes of light, especially with animation and joy
357. easy to dom\_\_\_\_te *v.* to take control of animals or plants to provide food, power, or company
358. marine ec\_\_\_\_em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
359. web sp\_\_\_\_r *n.* a small, eight-legged creature that spins webs to catch insects as food; a computer program that systematically browses the World Wide Web for purposes of web indexing
360. traditional co\_\_\_\_ip *n.* the period of time when two individuals go through the process of getting to know each other, often with the intent of forming a romantic or intimate relationship
361. a ch\_\_\_\_al compound *adj.* relating to or connected with chemistry;
362. s\_\_t beliefs *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream

ANSWERS: 354. cue, 355. destroy, 356. sparkle, 357. domesticate, 358. ecosystem, 359. spider, 360. courtship, 361. chemical, 362. sect

363. pr\_\_\_\_\_le in business      *n.* a fundamental law or truth that explains or controls how something happens or works
364. nit\_\_\_\_\_se gene      *n.* an enzyme found in certain bacteria that is responsible for the biological fixation of atmospheric nitrogen into forms that can be used by plants and other organisms
365. ex\_\_e confidence      *v.* to emit or release a liquid, smell, or expression gradually and slowly; to display an emotion, quality, or characteristic in a spontaneous and natural way
366. c\_e card      *n.* a signal, gesture, or action that provides information or direction for someone else to act or respond; a reminder or prompt for someone to do something
367. have a thick sk\_\_l      *n.* a bone framework that surrounds the brain and gives the head its shape
368. evolutionary bi\_\_\_\_\_y      *n.* the scientific study of life and the natural processes of living things
369. en\_\_\_e in glass      *v.* to enclose or cover something in a protective or decorative layer
370. economic mi\_\_\_\_\_e      *n.* an act or occurrence that is not explicable by natural or scientific laws and is therefore believed to be caused by God
371. se\_\_\_\_\_te cream from milk      *v.* to force, take, or pull apart; mark as different

ANSWERS: 363. principle, 364. nitrogenase, 365. exude, 366. cue, 367. skull, 368. biology, 369. encase, 370. miracle, 371. separate

372. a right-hand gl\_\_e *n.* a piece of clothing worn on the hand and wrist for protection against cold, dirt, etc., with separate parts for each finger
373. pr\_\_\_\_le cause of a fire *adj.* likely to happen or likely to be true
374. change the ec\_\_\_\_\_em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
375. en\_\_\_\_\_e the flavor of the vanilla *v.* to increase or improve the quality, amount, or strength of someone or something
376. landscape ar\_\_\_\_\_ct *n.* a person whose job is to design plans to be used in making something, such as buildings
377. pr\_\_\_n conductivity *n.* a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms
378. pe\_\_\_\_\_ic payments *adj.* happening at regular intervals over a while
379. chemical so\_\_\_\_\_ts *adj.* capable of dissolving other substances; having sufficient money to pay all outstanding debts; (noun) a liquid substance capable of dissolving other substances
380. carbon fi\_\_r *n.* thread or filament used to make a vegetable tissue, mineral material, or textile
381. l\_\_t a ban on alcohol *v.* to raise something to a higher position or level; to pick up something or somebody and move them to a different position

ANSWERS: 372. glove, 373. probable, 374. ecosystem, 375. enhance, 376. architect, 377. proton, 378. periodic, 379. solvent, 380. fiber, 381. lift

382. sy\_\_\_\_us content *n.* an outline or summary of the topics, themes, and assignments to be covered in a particular course or educational program; a list or summary of key themes or components of a particular document, work, or project
383. im\_\_\_e from criminal prosecution *adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
384. natural he\_\_\_\_\_g ability *n.* the process of becoming or making somebody or something well again
385. al\_\_\_\_\_hm for image processing *n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
386. the worst hum\_\_\_\_\_de disaster *adj.* created or produced by humans; artificial
387. new design el\_\_\_\_\_ts *n.* a fundamental or essential part of something
388. as\_\_\_\_\_ly hall *n.* a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country
389. nit\_\_\_\_\_se activity *n.* an enzyme found in certain bacteria that is responsible for the biological fixation of atmospheric nitrogen into forms that can be used by plants and other organisms
390. man\_\_\_\_\_re a product *v.* to make goods in large numbers, usually in a factory using machines

ANSWERS: 382. syllabus, 383. immune, 384. healing, 385. algorithm, 386. human-made, 387. element, 388. assembly, 389. nitrogenase, 390. manufacture

391. ch\_\_\_\_e complex *n.* a chemical compound or molecule that forms a bond or coordination with a metal ion or other species, often to stabilize or enhance its properties or to facilitate transportation within a biological system
392. pr\_\_\_\_n decay *n.* a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms
393. sl\_\_e a card across the table *v.* to move or cause to move smoothly along a surface without interruption
394. sl\_\_\_\_h mirror of the original *adj.* overly submissive or obedient, often to an excessive or servile degree; lacking independence or originality; unquestioningly following or imitating something or someone
395. casual ha\_\_\_\_o *n.* a particular way of arranging or styling one's hair; a hairstyle
396. as proud as a pe\_\_\_\_k *n.* a large, colorful, and majestic bird of the pheasant family
397. electronic de\_\_\_\_e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
398. re\_\_\_\_e collection *n.* a set of instructions for preparing a dish, including the ingredients and the method of cooking
399. flavored sn\_\_f *n.* finely ground tobacco that is inhaled through the nose as a form of tobacco use; a type of scented tobacco that is often used for aromatic purposes in candles or incense; (verb) to extinguish or put out

ANSWERS: 391. chelate, 392. proton, 393. slide, 394. slavish, 395. hairdo, 396. peacock, 397. device, 398. recipe, 399. snuff



400. lactic acid bu\_\_\_\_p                    *n.* the accumulation or increase of something over time
401. live in deg\_\_\_\_\_on                    *n.* the condition or process of changing to a lower state, or a less respected state
402. things at the na\_\_\_\_\_le                    *adj.* on a scale that can be measured in nanometres (= one billionth of a meter); on a very small scale
403. secret s\_\_t                    *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
404. 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
405. 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
406. ch\_\_\_\_\_e ligand                    *n.* a chemical compound or molecule that forms a bond or coordination with a metal ion or other species, often to stabilize or enhance its properties or to facilitate transportation within a biological system

ANSWERS: 400. buildup, 401. degradation, 402. nanoscale, 403. sect, 404. process, 405. pollen, 406. chelate

407. a ge\_\_\_\_c disorder      *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
408. g\_\_e expression      *n.* the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.
409. parched s\_\_l      *n.* the top layer of Earth in which plants grow
410. group of or\_\_\_\_sms      *n.* a tiny living thing
411. ex\_\_e charm      *v.* to emit or release a liquid, smell, or expression gradually and slowly; to display an emotion, quality, or characteristic in a spontaneous and natural way
412. mo\_\_\_\_le behavior      *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
413. ref\_\_\_\_\_\_ion technology      *n.* the process of cooling or freezing something, especially food, to preserve it
414. 5-finger gl\_\_e      *n.* a piece of clothing worn on the hand and wrist for protection against cold, dirt, etc., with separate parts for each finger
415. opp\_\_\_\_on campaign      *n.* the act of disagreeing or resisting; the state of strong disagreement
416. an\_\_e plate      *n.* the positively charged electrode by which electrons enter an electrical device, such as a battery or an electrolytic cell; the electrode at which oxidation occurs

ANSWERS: 407. genetic, 408. gene, 409. soil, 410. organism, 411. exude, 412. molecule, 413. refrigeration, 414. glove, 415. opposition, 416. anode

417. rev\_\_\_\_\_le fabrics *adj.* capable of being turned or done in the opposite direction or way; capable of being reversed or undone
418. sk\_\_\_y finger *adj.* having a very thin or slim body; referring to clothing that is tightly fitting and reveals the shape of the body; referring to information or details that are kept secret or confidential
419. market up\_\_\_e *n.* the positive aspect or potential of something; the upper side of something
420. bioplastic designed to bio\_\_\_\_\_de *v.* to decay naturally by microorganisms, such as bacteria and fungi
421. to\_\_c molecule *adj.* of or relating to or caused by a poison; poisonous
422. a reg\_\_\_\_\_te sinner *v.* to improve or renew an area, institution, system, etc., especially by making it more active or successful
423. harmless ba\_\_\_\_\_ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
424. ad\_\_t as needed *v.* to make fit for or change to suit a new purpose or environment
425. a dense f\_g *n.* a thick cloud consisting of tiny water droplets or ice crystals suspended in the air at or near the Earth's surface; a weather condition in which visibility is reduced because of a cloud of water

ANSWERS: 417. reversible, 418. skinny, 419. upside, 420. biodegrade, 421. toxic, 422. regenerate, 423. bacteria, 424. adapt, 425. fog

426. up\_\_\_\_t posture *adj.* perpendicular to a horizontal surface or line; (adverb) in a vertical position
427. chaotic env\_\_\_\_\_nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
428. ad\_\_\_e to their plan *v.* to stick firmly; to be compatible
429. skin pi\_\_\_\_t *n.* a substance that gives color to a material, such as paint, ink, or biological tissue; often derived from natural sources or synthetically produced
430. a gr\_\_d meal *adj.* important and large in size, scope, or extent
431. flow of el\_\_\_\_\_ons *n.* a tiny particle with the negative electrical charge
432. supply ch\_\_n *n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
433. translate li\_\_\_\_\_ly *adv.* in the real or original meaning of a word or phrase; in a literal sense or way; not figuratively
434. pr\_\_\_\_\_ct for gold *n.* the possibility or likelihood of something happening or being successful; a person or thing that is likely to succeed or become popular; a potential customer or client; (verb) to explore for useful or valuable things or substances, such as minerals
435. in\_\_\_\_\_te into the existing system *v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups

ANSWERS: 426. upright, 427. environment, 428. adhere, 429. pigment, 430. grand, 431. electron, 432. chain, 433. literally, 434. prospect, 435. integrate

436. metallic sp\_\_\_e *n.* a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning
437. 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
438. soil fe\_\_\_\_\_ty *n.* the state or quality of being able to produce babies, young animals, fruit, or new plants
439. pro\_\_\_\_\_ity growth *n.* the state or quality of being productive; the rate at which a company or individual produces goods or services, often measured in terms of output per unit of input, such as labor, capital, or time
440. car\_\_\_\_\_nic chemicals *adj.* capable of causing cancer or promoting tumor growth; cancer-causing
441. pa\_\_\_\_\_t with weight loss *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
442. get inc\_\_\_\_\_ly insecure *adv.* in a way that is very difficult to believe; exceedingly or extremely
443. in\_\_\_\_\_te both businesses *v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups

ANSWERS: 436. sponge, 437. structure, 438. fertility, 439. productivity, 440. carcinogenic, 441. patient, 442. incredibly, 443. integrate

444. gl\_\_\_\_\_e level *n.* a type of sugar that is found in plants, especially fruit, and is an essential energy source in living things
445. co\_\_\_\_\_ve question *adj.* tending to make something likely or possible
446. reg\_\_\_\_\_te bone tissue *v.* to improve or renew an area, institution, system, etc., especially by making it more active or successful
447. ca\_\_\_\_\_m deficiency *n.* a chemical element with the symbol Ca and atomic number 20, which is an important mineral for the human body
448. an endless st\_\_\_\_m of cars *n.* a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.
449. a\_t view *adj.* (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle
450. me\_\_\_\_\_n name *v.* to speak or write about something or someone briefly
451. precious me\_\_l *n.* a solid material that is typically hard, shiny, malleable, fusible, and ductile, with good electrical and thermal conductivity, and often used as a structural material, a conductor of heat or electricity, or for decorative purposes
452. an elegant ent\_\_\_\_\_ent *n.* public shows, films, television, or other performances or activities of enjoying people
453. federal ci\_\_\_\_\_t courts *n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area

ANSWERS: 444. glucose, 445. conducive, 446. regenerate, 447. calcium, 448. stream, 449. aft, 450. mention, 451. metal, 452. entertainment, 453. circuit

454. an energy eff\_\_\_\_\_cy
455. front f\_g lights
456. fa\_\_\_e of wealth
457. pr\_\_\_\_\_le outcome
458. na\_\_\_e to Africa
459. re\_\_\_\_\_nt to persuasion
460. a convex l\_\_s
461. ce\_\_\_\_\_cs industry
- n.* the state or quality of doing something well with no waste of input such as time or money
- n.* a thick cloud consisting of tiny water droplets or ice crystals suspended in the air at or near the Earth's surface; a weather condition in which visibility is reduced because of a cloud of water
- n.* the face or front of a building, especially a large one; superficial or false appearance intended to conceal something unpleasant
- adj.* likely to happen or likely to be true
- adj.* connecting with or describing someone's birth country or place of birth, or someone born in a specific country or place
- adj.* not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection
- n.* a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation
- n.* objects made from materials such as clay that are hardened by heat, often to create functional or decorative items

ANSWERS: 454. efficiency, 455. fog, 456. facade, 457. probable, 458. native, 459. resistant, 460. lens, 461. ceramics

462. excite the ne\_\_\_ns *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
463. pr\_\_\_\_\_or to serotonin *n.* a person or thing that comes before another of the same kind and that contributes to or influences its growth
464. pr\_\_\_\_\_e dogs *n.* a large open grassland or meadow, typically in North America
465. brick k\_\_n *n.* an oven or furnace used for baking, drying, or firing clay, pottery, bricks, or other materials; typically made of brick or refractory material and heated with wood, coal, or gas
466. professor of ch\_\_\_\_\_ry *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
467. na\_\_\_\_\_le device *adj.* on a scale that can be measured in nanometres (= one billionth of a meter); on a very small scale
468. b\_\_p up prices *v.* to hit or knock against something hard, often with a dull sound; to meet with by accident
469. a vast inventory of ha\_\_\_\_\_re *n.* durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems
470. eat or\_\_\_\_\_c food *adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals

ANSWERS: 462. neuron, 463. precursor, 464. prairie, 465. kiln, 466. chemistry, 467. nanoscale, 468. bump, 469. hardware, 470. organic



471. 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
472. la\_\_r cake      *n.* a sheet, quantity, or thickness of the material, typically one of several, covering a surface or body; a level or part within a system or set of ideas
473. a ge\_\_\_s for music      *n.* someone who has exceptional intellectual ability and originality
474. ex\_\_\_\_\_e sports      *adj.* very great in amount or degree
475. s\_\_n thread out of cotton      *v.* to cause something to rotate rapidly; to cause someone to feel dizzy or disoriented
476. tiny tar\_\_\_\_\_de      *n.* a microscopic, water-dwelling animal that is known for its resilience and ability to survive extreme conditions
477. his social st\_\_\_\_\_ng      *adj.* existing or remaining upright; having a vertical position; (noun) social, financial, or professional status or reputation
478. la\_\_r of paint      *n.* a sheet, quantity, or thickness of the material, typically one of several, covering a surface or body; a level or part within a system or set of ideas
479. en\_\_\_\_\_e value      *v.* to increase or improve the quality, amount, or strength of someone or something

ANSWERS: 471. develop, 472. layer, 473. genius, 474. extreme, 475. spin, 476. tardigrade, 477. standing, 478. layer, 479. enhance

480. co\_\_\_g skills *n.* the process of writing or creating computer code, which is a set of instructions that tells a computer what to do to create software, websites, apps, and other digital products
481. beam of el\_\_\_\_\_ons *n.* a tiny particle with the negative electrical charge
482. se\_\_\_\_\_te video into chapter *v.* to force, take, or pull apart; mark as different
483. freshwater di\_\_\_ms *n.* a type of single-celled algae that is characterized by its ornate and intricate silica shells, which form a distinctive pattern or design when viewed under a microscope
484. 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
485. 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
486. romantic co\_\_\_\_\_ip *n.* the period of time when two individuals go through the process of getting to know each other, often with the intent of forming a romantic or intimate relationship
487. a consensual di\_\_\_\_\_e *n.* the legal dissolution of a marriage

ANSWERS: 480. coding, 481. electron, 482. separate, 483. diatom, 484. structure, 485. develop, 486. courtship, 487. divorce

488. river-delta ma\_\_h *n.* a type of land that is always wet and has soft soil; swamp or bog
489. herbivorous un\_\_\_\_\_te *n.* a hoofed mammal, characterized by having hooves as their primary means of support and movement, including animals such as horses, cows, deer, and giraffes
490. mu\_\_\_l shells *n.* a type of shellfish that lives in freshwater or saltwater has a hard, elongated shell and is edible
491. lo\_\_\_t plague *n.* a type of grasshopper that can travel in large swarms and cause extensive damage to crops; can also refer to various other insects such as cicadas or katydids
492. to\_\_n exposure *n.* a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism
493. crystalline si\_\_\_\_\_n *n.* a chemical element with the symbol Si that is a hard, brittle crystalline solid with a blue-grey metallic luster and used for the transistors and integrated circuit chips in computers
494. br\_\_\_\_\_e material *adj.* easily broken, cracked, or shattered when subjected to pressure or stress; lacking flexibility or resilience; fragile
495. alkaline ca\_\_\_\_\_te *n.* a carbonic acid salt or ester that contains the anion CO<sub>3</sub>

ANSWERS: 488. marsh, 489. ungulate, 490. mussel, 491. locust, 492. toxin, 493. silicon, 494. brittle, 495. carbonate

496. te\_\_\_\_te file *n.* a pre-designed file or document used as a starting point for a particular application so that the format does not have to be created from scratch
497. pa\_\_\_\_le energy *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
498. the st\_\_\_\_m of time *n.* a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.
499. the evo\_\_\_\_ary process *adj.* relating to or denoting how living things develop or change from earlier forms
500. co\_\_\_\_on detection *n.* an instance of two or more objects or entities crashing into each other, usually resulting in damage, impact, or conflict
501. rechargeable lithium-i\_n battery *n.* an atom or molecule that has a positive or negative electrical charge caused by its losing or gained one or more electrons
502. em\_\_d a sensor *v.* to fix or set firmly in a surrounding mass
503. first-aid tr\_\_\_\_nt *n.* the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.
504. qu\_\_\_\_h a fire *v.* to drink liquid so that you satisfy your thirst
505. mi\_\_\_\_es sterilizer *n.* a tiny living thing that can only be seen with a microscope and that may cause disease

ANSWERS: 496. template, 497. particle, 498. stream, 499. evolutionary, 500. collision, 501. ion, 502. embed, 503. treatment, 504. quench, 505. microbe

506. sp\_\_\_r venom *n.* a small, eight-legged creature that spins webs to catch insects as food; a computer program that systematically browses the World Wide Web for purposes of web indexing
507. a ch\_\_\_\_\_on of peace *n.* someone who has won first place in a competition; someone who fights for a specific group of people or a belief
508. the ju\_\_\_\_\_re of Eastern and Western cultures *n.* a critical point or moment in time, often indicating a key decision or turning point; a place or point of connection, such as a joint or seam
509. di\_\_\_\_\_ve the sugar *v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
510. wh\_\_e watching *n.* a very large sea mammal that has a streamlined body and breathes through a blowhole on the head; a very large person; impressive in size or qualities
511. development of va\_\_\_\_\_es *n.* a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)
512. crystal si\_\_\_\_\_te *n.* a mineral compound containing silicon, oxygen, and one or more metal elements, commonly found in rocks and minerals; a type of chemical compound that forms the basis of many minerals
513. hy\_\_\_\_\_en gas *n.* the chemical element that is the lightest gas is colorless, odorless, tasteless, and combines with oxygen to form water

ANSWERS: 506. spider, 507. champion, 508. juncture, 509. dissolve, 510. whale, 511. vaccine, 512. silicate, 513. hydrogen

514. ex\_\_\_\_\_ve clubs *adj.* not divided or shared with others
515. as\_\_\_t his goal *v.* to help someone in doing anything
516. re\_\_\_\_\_e a phone *v.* to take the place of something
517. part of the he\_\_\_\_\_g process *n.* the process of becoming or making somebody or something well again
518. hold my breath und\_\_\_\_\_er *adv.* below or under the surface of the water
519. smokeless f\_\_l *n.* a substance that is typically burned to generate heat or energy
520. bo\_\_\_e back from failure *v.* to cause to move up or away after hitting a surface; to spring back
521. se\_\_\_\_\_er bacteria *n.* water from the sea or ocean, typically containing salt and various other dissolved minerals
522. electric k\_\_n *n.* an oven or furnace used for baking, drying, or firing clay, pottery, bricks, or other materials; typically made of brick or refractory material and heated with wood, coal, or gas
523. si\_\_\_\_\_te-based materials *n.* a mineral compound containing silicon, oxygen, and one or more metal elements, commonly found in rocks and minerals; a type of chemical compound that forms the basis of many minerals
524. cry\_\_\_\_\_ze into reality *v.* to form crystals from a liquid or solution; to become clear or definite in form or structure; to solidify
525. en\_\_\_\_\_us potential *adj.* extremely large or great

ANSWERS: 514. exclusive, 515. assist, 516. replace, 517. healing, 518. underwater, 519. fuel, 520. bounce, 521. seawater, 522. kiln, 523. silicate, 524. crystallize, 525. enormous

526. ma\_\_h bird *n.* a type of land that is always wet and has soft soil; swamp or bog
527. so\_\_\_\_re architect *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
528. in\_\_\_\_e a feeling of curiosity *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
529. sl\_\_e a glance *v.* to move or cause to move smoothly along a surface without interruption
530. ar\_\_\_\_ct of the peace accord *n.* a person whose job is to design plans to be used in making something, such as buildings
531. af\_\_\_\_d to buy a new car *v.* to have enough money or time to be able to buy or do something
532. ex\_\_\_\_ng football player *adj.* causing a lot of interest or excitement
533. fe\_\_\_\_ck procurement *n.* the raw material or substances that are used to make a product, particularly in industrial or manufacturing processes
534. sea sp\_\_\_\_e *n.* a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning
535. colorless li\_\_\_\_d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
536. hum\_\_\_\_de climate change *adj.* created or produced by humans; artificial

ANSWERS: 526. marsh, 527. software, 528. inspire, 529. slide, 530. architect, 531. afford, 532. exciting, 533. feedstock, 534. sponge, 535. liquid, 536. human-made

537. a l\_\_n horse *adj.* having a noticeably small amount of body fat; (verb) to bend or move from a straight to a sloping posture
538. ad\_\_\_e rigidly to the rules *v.* to stick firmly; to be compatible
539. ra\_\_\_\_\_er drainage *n.* water that falls from the clouds in the form of rain and is collected
540. as\_\_\_\_\_ly line *n.* a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country
541. gl\_\_\_\_\_rs move tardily *n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
542. small mo\_\_\_\_\_les *n.* a group of two or more atoms held together by attractive forces known as chemical bonds

ANSWERS: 537. lean, 538. adhere, 539. rainwater, 540. assembly, 541. glacier, 542. molecule



## Session 3: Fill in the Blanks

1. She was tired of the \_\_\_\_\_ adherence to outdated traditions in her workplace.  
*adj.* overly submissive or obedient, often to an excessive or servile degree; lacking independence or originality; unquestioningly following or imitating something or someone
2. The global financial crisis acted as a \_\_\_\_\_ to unite the country.  
*n.* a person or thing that causes an important event to happen or changes the current situation rapidly; (chemistry) a substance that initiates or accelerates a chemical reaction without being changed itself
3. She wore a \_\_\_\_\_ dress to the party.  
*n.* a fine, strong, soft, lustrous fiber produced by silkworms in making cocoons and collected to make thread and fabric
4. The vibrant feathers of the \_\_\_\_\_ made it stand out in the garden.  
*n.* a large, colorful, and majestic bird of the pheasant family
5. The \_\_\_\_\_ concert was packed with fans.  
*adj.* existing or remaining upright; having a vertical position; (noun) social, financial, or professional status or reputation
6. Mozart was a musical \_\_\_\_\_.  
*n.* someone who has exceptional intellectual ability and originality
7. The unique style of this martial arts \_\_\_\_\_ many action film producers.  
*v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

ANSWERS: 1. slavish, 2. catalyst, 3. silk, 4. peacock, 5. standing, 6. genius, 7. inspired

8. The \_\_\_\_\_ for the cake is passed down from generation to generation in her family.
- n.* a set of instructions for preparing a dish, including the ingredients and the method of cooking
9. This chemical compound is a thousand-fold more \_\_\_\_\_.
- adj.* of or relating to or caused by a poison; poisonous
10. The artist used a \_\_\_\_\_ paint can to create a graffiti mural on the wall.
- n.* a fine mist of liquid that is dispersed into the air; flower arrangement consisting of a single branch or shoot bearing flowers and foliage
11. She wore an \_\_\_\_\_ evening gown to the gala.
- adj.* pleasing and graceful in appearance or manner, or showing good taste and refinement
12. He found that it is difficult to \_\_\_\_\_ socially.
- v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
13. We can evaluate the performance of an \_\_\_\_\_ in terms of computation time.
- n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
14. The camera's \_\_\_\_\_ controls how much light enters the lens.
- n.* an opening or hole, especially one that is narrow or slitlike
15. There are \_\_\_\_\_ differences between the two wine-producing regions.
- adj.* easy to see, discover or understand

ANSWERS: 8. recipe, 9. toxic, 10. spray, 11. elegant, 12. integrate, 13. algorithm, 14. aperture, 15. obvious

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

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

17. The golfer recorded an \_\_\_\_\_ distance.

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

18. Understanding unitary \_\_\_\_\_ of a normal matrix require considerable mathematical sophistication.

- n.* a complete change in form, nature, or appearance of someone or something

19. The vibrant red \_\_\_\_\_ added a pop of color to the garden.

- n.* a flowering plant of the genus *Geranium*, often cultivated for its attractive, brightly colored flowers and commonly used in gardens or as decorative houseplants

20. The company is planning to \_\_\_\_\_ its website.

- v.* to design something again, especially in a different or modified form; (noun) the process of designing something again

21. The \_\_\_\_\_ approved by Congress was perfunctorily implemented.

- n.* an official rule made and maintained by a government or some other authority; the act of controlling or directing something according to a rule

22. He refused to do anything \_\_\_\_\_ to help her.

- adv.* not at all; no matter what

23. I ordered the \_\_\_\_\_ in a white wine sauce for dinner.

- n.* a type of shellfish that lives in freshwater or saltwater has a hard, elongated shell and is edible

ANSWERS: 16. fog, 17. amazing, 18. transformations, 19. geraniums, 20. redesign, 21. regulation, 22. whatsoever, 23. mussels

24. The train's \_\_\_\_\_ was small but comfortable.

*n.* a separate section or part of a larger enclosed space, such as a train carriage or a ship's cabin

25. During \_\_\_\_\_ farmers are incredibly busy.

*n.* yields of plants in a single growing season; the period of the year when gathering occurs on a farm

26. I found a stink \_\_\_\_ crawling across the ceiling.

*n.* any tiny insect; a fault or defect in a computer program, system, or machine

27. The building was \_\_\_\_\_ in the fire and had to be rebuilt.

*v.* to ruin or damage severely or completely; to eradicate or eliminate completely

28. The campaign ad was designed with bright colors and bold fonts for maximum \_\_\_\_\_ impact.

*adj.* relating to vision or the eyes; relating to or involving light or optics

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

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

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

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

31. The company specializes in both hardware and \_\_\_\_\_.

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

32. The phone rang at the most \_\_\_\_\_ time.

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

ANSWERS: 24. compartment, 25. harvest, 26. bug, 27. destroyed, 28. optic, 29. manufactured, 30. incredibly, 31. software, 32. opportune

33. This process improves the strength of the metal by controlling the \_\_\_\_\_ lattice structure of the metal.  
*adj.* on a scale that can be measured in nanometres (= one billionth of a meter); on a very small scale
34. In junior high school, we had to dissect a frog in \_\_\_\_\_ class.  
*n.* the scientific study of life and the natural processes of living things
35. The company was able to remain \_\_\_\_\_ throughout the economic downturn.  
*adj.* capable of dissolving other substances; having sufficient money to pay all outstanding debts; (noun) a liquid substance capable of dissolving other substances
36. The primary purpose of the \_\_\_\_\_ is pain relief.  
*n.* the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.
37. The younger \_\_\_\_\_ has different values and beliefs than the older one.  
*n.* all the people born and living at about the same time, regarded collectively; the production of heat or electricity
38. The family decided to \_\_\_\_\_ in the mountains to enjoy the beautiful scenery.  
*n.* a long walk or journey, especially for pleasure or exercise; an increase in cost
39. The mouse and keyboard are essential \_\_\_\_\_ for operating a PC.  
*n.* durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems
40. We \_\_\_\_\_ cows to gain milk and meat.  
*v.* to take control of animals or plants to provide food, power, or company

ANSWERS: 33. nanoscale, 34. biology, 35. solvent, 36. treatment, 37. generation, 38. hike, 39. hardware, 40. domesticate

41. This year's \_\_\_\_\_ gathering will be held in Canada.

*adj.* important and large in size, scope, or extent

42. The \_\_\_\_\_ format provided a useful guide for creating the budget.

*n.* a pre-designed file or document used as a starting point for a particular application so that the format does not have to be created from scratch

43. Administrators must \_\_\_\_\_ to the highest standards.

*v.* to stick firmly; to be compatible

44. I love collecting \_\_\_\_\_ on the beach and displaying them in a jar at home.

*n.* a type of shell that once housed a mollusk, typically found on beaches or in shallow water

45. The \_\_\_\_\_ of the ice age have shaped Fjord.

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

46. 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

47. The increased concentrat\_\_\_ of hydrogen ions in an aqueous solution makes it more acidic.

*n.* an atom or molecule that has a positive or negative electrical charge caused by its losing or gained one or more electrons

48. Please \_\_\_\_\_ her with the furniture relocation.

*v.* to help someone in doing anything

ANSWERS: 41. grand, 42. template, 43. adhere, 44. seashells, 45. glaciers, 46. develop, 47. ion, 48. assist

49. The serene pond was adorned with beautiful \_\_\_\_\_ flowers.  
*n.* a type of aquatic plant with large, round, floating leaves and distinctive flowers, often associated with spiritual symbolism and cultural significance in Asia
50. The \_\_\_\_\_ of water is called ice.  
*adj.* hard or firm; characterized by good substantial quality
51. The \_\_\_\_\_ of stress over time can lead to health problems.  
*n.* the accumulation or increase of something over time
52. He read books to quench his \_\_\_\_\_ for knowledge.  
*n.* a feeling of needing something to drink; a strong desire for something
53. 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
54. The \_\_\_\_\_ of discussing the issue only made things worse.  
*n.* the act of keeping away from something or someone; the act of avoiding or evading something, such as a duty or responsibility
55. It's important to understand the \_\_\_\_\_ of a situation before making a decision.  
*n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
56. The hairstylist created a stunning \_\_\_\_\_ for the bride on her wedding day.  
*n.* a particular way of arranging or styling one's hair; a hairstyle

ANSWERS: 49. lotus, 50. solid-state, 51. buildup, 52. thirst, 53. crystal, 54. avoidance, 55. context, 56. hairdo

57. The \_\_\_\_\_ of Japan is known for its unique culture and advanced technology.

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

58. He is good at swimming \_\_\_\_\_.

- adv.* below or under the surface of the water

59. Archaeologists found a Neanderthal \_\_\_\_\_ at that historic site.

- n.* a bone framework that surrounds the brain and gives the head its shape

60. Astronomers are examining whether the \_\_\_\_\_ signals emanating from this star are artificial.

- adj.* happening at regular intervals over a while

61. He was the leader of the demonstrators and spoke out against the war in the front \_\_\_\_\_.

- n.* an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars

62. The company's \_\_\_\_\_ approach has been highly effective.

- n.* the action or process of changing to suit different conditions

63. The leaders of the two countries met to \_\_\_\_\_ on the issue.

- v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something

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

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

ANSWERS: 57. nation, 58. underwater, 59. skull, 60. periodic, 61. row, 62. adaptation, 63. confer, 64. shell



65. \_\_\_\_\_ operational improvements often lead to better environmental performance.

*adj.* having a noticeably small amount of body fat; (verb) to bend or move from a straight to a sloping posture

66. Ozone is a primary \_\_\_\_\_ to protect Earth's surface from harmful UV rays.

*n.* any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light

67. Your \_\_\_\_\_ reflects your thoughts.

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

68. The government should do more to support environmentally \_\_\_\_\_ agriculture.

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

69. The \_\_\_\_\_ infestation destroyed the crops, causing widespread famine.

*n.* a type of grasshopper that can travel in large swarms and cause extensive damage to crops; can also refer to various other insects such as cicadas or katydids

70. 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

71. The \_\_\_\_\_ had received a mild snowfall the previous week.

*n.* a long depression on the surface of the land, which typically contains a river

72. The \_\_\_\_\_ enzyme requires a lot of energy to function properly.

*n.* an enzyme found in certain bacteria that is responsible for the biological fixation of atmospheric nitrogen into forms that can be used by plants and other organisms

ANSWERS: 65. Lean, 66. filter, 67. conversation, 68. sustainable, 69. locust, 70. architect, 71. valley, 72. nitrogenase

73. I tried to \_\_\_\_\_ the efficiency of the investment.  
*v.* to make a mathematical calculation
74. The early morning dew on the \_\_\_\_\_ made the grass glisten like diamonds.  
*n.* a large open grassland or meadow, typically in North America
75. The shape of the DNA \_\_\_\_\_ is a double helix.  
*n.* a group of two or more atoms held together by attractive forces known as chemical bonds
76. They intend to \_\_\_\_\_ the footsteps of successful software companies.  
*v.* to imitate someone else's achievements to try to do something as well as somebody else
77. 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
78. Many people see the \_\_\_\_\_ of traveling as an opportunity to experience new cultures and broaden their horizons.  
*n.* the positive aspect or potential of something; the upper side of something
79. As that country developed its industry, it began to invest more in \_\_\_\_\_ treatment technology.  
*n.* water that contains waste substances from homes, farms, factories, etc.
80. The photographer took this photo using a telephoto \_\_\_\_\_.  
*n.* a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation

ANSWERS: 73. compute, 74. prairie, 75. molecule, 76. emulate, 77. crystallize, 78. upside, 79. wastewater, 80. lens

81. The chemist worked with a \_\_\_\_\_ catalyst to speed up the reaction.

*n.* a dense, precious, silvery-white metal with the atomic number 78 and the symbol Pt that is highly resistant to corrosion and tarnishing, often used in jewelry, coins, and industrial applications

82. You can be more \_\_\_\_\_ and creative in your approach.

*adj.* able to change or be changed to suit new conditions or situations; able to bend easily

83. Parliament is now in \_\_\_\_\_.

*n.* a formal meeting or series of meetings for the execution of a particular group's functions; a period spent doing a particular activity

84. His \_\_\_\_\_ speech about his struggles with addiction brought tears to the audience's eyes.

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

85. The hotel is famous for its \_\_\_\_\_ including the casino.

*n.* public shows, films, television, or other performances or activities of enjoying people

86. He \_\_\_\_\_ himself to studying the history of ancient civilizations.

*v.* to commit or dedicate oneself or one's time, effort, or energy to a particular task or purpose

87. Eyeless fish \_\_\_\_\_ in dark caves.

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

88. 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: 81. platinum, 82. flexible, 83. session, 84. moving, 85. entertainment, 86. devoted, 87. evolved, 88. brittle

89. The detective followed a \_\_\_\_\_ of clues which ultimately led to the suspect's arrest.
- n.* a fine cord of natural or synthetic fibers or filaments, such as cotton or nylon, used in sewing, knitting, or weaving; a series of connected messages or comments on a social media platform or online forum, often related to a particular topic; a sequence or line of events, ideas, or actions that are connected or related; (verb) to pass a thread through a needle or other small opening, in preparation for sewing or stitching
90. A defective \_\_\_\_\_ is responsible for the disease.
- n.* the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.
91. I always carry a backup \_\_\_\_\_ in case my phone runs out of battery.
- n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
92. The shark's powerful \_\_\_\_\_ allowed it to swim at high speeds.
- n.* a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance
93. The battle had an \_\_\_\_\_ impact on the nation.
- adj.* unlimited or very great; impossible to measure
94. My mother's illness had a \_\_\_\_\_ impact on us all.
- adj.* extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension
95. The use of synthetic \_\_\_\_\_ in food production has become controversial due to health concerns.
- n.* a substance that gives color to a material, such as paint, ink, or biological tissue; often derived from natural sources or synthetically produced

ANSWERS: 89. thread, 90. gene, 91. device, 92. fins, 93. infinite, 94. profound, 95. pigments

96. The intricate \_\_\_\_\_ on the wooden box was the work of a master craftsman.  
*n.* the act or process of cutting or shaping a hard material, such as wood or stone, into a specific form or design
97. Our subscription plan is \_\_\_\_\_ renewed.  
*adv.* without needing a direct human control
98. Each ancient tribe has its \_\_\_\_\_ traditions.  
*n.* the process of becoming or making somebody or something well again
99. These articles cite five \_\_\_\_\_ of climate change.  
*n.* a particular example or single occurrence of something
100. \_\_\_\_\_ advances have disrupted many industries.  
*adj.* based on scientific and industrial progress
101. There was a disturbance of \_\_\_\_\_ function.  
*adj.* of or relating to a nerve or the nervous system that includes the brain
102. The \_\_\_\_\_ blade needs to be changed before we can continue the project.  
*n.* a tool with a fine-toothed blade used for cutting intricate curves and patterns in thin material such as wood or metal, typically with the blade being reciprocating; a type of puzzle that consists of irregularly shaped pieces that must be fitted together to form a complete picture
103. The company installed a \_\_\_\_\_ harvesting system to collect and reuse it for manufacturing.  
*n.* water that falls from the clouds in the form of rain and is collected

ANSWERS: 96. carving, 97. automatically, 98. healing, 99. instances, 100. Technological, 101. neural, 102. jigsaw, 103. rainwater

104. The doctor injected \_\_\_\_\_ into his patient's veins.

- n.* a type of sugar that is found in plants, especially fruit, and is an essential energy source in living things

105. She was wearing a black \_\_\_\_\_.

- n.* a piece of clothing worn on the hand and wrist for protection against cold, dirt, etc., with separate parts for each finger

106. The body needs a certain amount of \_\_\_\_\_ to build and repair tissues.

- n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues

107. The bookcase was \_\_\_\_\_ against the wall.

- adj.* perpendicular to a horizontal surface or line; (adverb) in a vertical position

108. The \_\_\_\_\_ for the fragile items was made of sturdy materials and could withstand rough handling during shipping.

- n.* the process, materials, or container used to wrap or contain a product for distribution, storage, or sale; the design or appearance of a product's packaging

109. The bridge is a \_\_\_\_\_ structure and was built to span the river.

- adj.* created or produced by humans; artificial

110. Human conservation efforts often fail unexpectedly because they disturb the balance of the \_\_\_\_\_.

- n.* all the plants and living creatures in an area and the way they affect each other and the environment

111. Sulfur dioxide and nitrogen oxides are the primary \_\_\_\_\_ of acid rain.

- n.* a person or thing that comes before another of the same kind and that contributes to or influences its growth

ANSWERS: 104. glucose, 105. glove, 106. protein, 107. upright, 108. packaging, 109. human-made, 110. ecosystem, 111. precursors

112. An intelligent battery has a voltage monitoring \_\_\_\_\_.

- n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area

113. Corn is a common \_\_\_\_\_ for ethanol production.

- n.* the raw material or substances that are used to make a product, particularly in industrial or manufacturing processes

114. The equipment is frequently used to \_\_\_\_\_ and distribute drinking water.

- v.* to remove harmful substances from something and increase the concentration of it

115. She wiped the \_\_\_\_\_ off her forehead with a towel.

- n.* the salty liquid that is produced by the glands in the skin, especially when the body is hot or under stress

116. Natural selection is an essential \_\_\_\_\_ in Darwin's theory of evolution.

- n.* a fundamental or essential part of something

117. The tornado is \_\_\_\_\_ across the countryside, destroying everything in its path.

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

118. They will \_\_\_\_\_ between various emotional states.

- v.* to cause to move up or away after hitting a surface; to spring back

119. The \_\_\_\_\_ rental shop provided us with a map of the nearby snorkel sites.

- n.* a tube-like device used for breathing underwater, with one end in the mouth and the other above the surface of the water

ANSWERS: 112. circuit, 113. feedstock, 114. purify, 115. sweat, 116. element, 117. spinning, 118. bounce, 119. snorkel

120. When heated, \_\_\_\_\_ molecules absorb water and become thick and gooey, making it a useful thickening agent in cooking.
- n.* a complex carbohydrate found in many plants, including rice, wheat, and potatoes that is an important foodstuff for humans and animals
121. The minority \_\_\_\_\_ believed in a set of unconventional religious practices.
- n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
122. The \_\_\_\_\_ bicyclist outrode all his competitors.
- n.* someone who has won first place in a competition; someone who fights for a specific group of people or a belief
123. I advised him to \_\_\_\_\_ to his new surroundings.
- v.* to make fit for or change to suit a new purpose or environment
124. Scientists have studied the resilience of the \_\_\_\_\_ also known as a water bear.
- n.* a microscopic, water-dwelling animal that is known for its resilience and ability to survive extreme conditions
125. The \_\_\_\_\_ in this fertilizer enhances the absorption of nutrients by the plants.
- n.* a chemical compound or molecule that forms a bond or coordination with a metal ion or other species, often to stabilize or enhance its properties or to facilitate transportation within a biological system
126. The diamond \_\_\_\_\_ in the sunlight.
- v.* to emit or reflect bright flashes of light, especially with animation and joy
127. The couple decided to get a \_\_\_\_\_ after many years of marriage.
- n.* the legal dissolution of a marriage

ANSWERS: 120. starch, 121. sect, 122. champion, 123. adapt, 124. tardigrade, 125. chelate, 126. sparkled, 127. divorce



128. \_\_\_\_\_ design has become more focused on human nature aspect than ever before.  
*adj.* of or relating to or resulting from industry
129. 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
130. The compound contains a high \_\_\_\_\_ concentration, making it ideal for industrial applications.  
*n.* a mineral compound containing silicon, oxygen, and one or more metal elements, commonly found in rocks and minerals; a type of chemical compound that forms the basis of many minerals
131. 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>
132. \_\_\_\_\_ thrive on the surface of the human skin.  
*n.* a tiny living thing that can only be seen with a microscope and that may cause disease
133. 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
134. A \_\_\_\_\_ of the employees will be trained in the new software program.  
*n.* a set of things that are contained within another larger set; a portion or division of a group or category

ANSWERS: 128. Industrial, 129. seawater, 130. silicate, 131. carbonate, 132. Microbes, 133. process, 134. subset

135. Many researchers are monitoring environmental \_\_\_\_\_ in real-time through satellites.  
*n.* the condition or process of changing to a lower state, or a less respected state
136. The \_\_\_\_\_ on my bike broke, leaving me stranded.  
*n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
137. At this \_\_\_\_\_ in the project, we must reassess our plans and make some changes.  
*n.* a critical point or moment in time, often indicating a key decision or turning point; a place or point of connection, such as a joint or seam
138. The \_\_\_\_\_ of tectonic plates can result in new mountain ranges, such as the Himalayas or the Alps.  
*n.* an instance of two or more objects or entities crashing into each other, usually resulting in damage, impact, or conflict
139. She wore a \_\_\_\_\_ dress to the party, which everyone admired.  
*adj.* wonderful and attractive
140. The value of the currency \_\_\_\_\_ against major international currencies.  
*v.* to fall suddenly, often uncontrollably; to topple or turn over; to decline sharply and quickly in value, quality, or performance
141. The robust economy of the country is based on its \_\_\_\_\_ resources.  
*n.* a solid inorganic substance occurring in nature having a definite chemical composition
142. The vegetation here is almost wholly \_\_\_\_\_.  
*adj.* connecting with or describing someone's birth country or place of birth, or someone born in a specific country or place

ANSWERS: 135. degradation, 136. chain, 137. juncture, 138. collision, 139. gorgeous, 140. tumbled, 141. mineral, 142. native

143. 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

144. Mold exposure can release dangerous \_\_\_\_\_ into the air.

*n.* a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism

145. The safari tour allowed tourists to observe various African \_\_\_\_\_ in their natural habitats.

*n.* a hoofed mammal, characterized by having hooves as their primary means of support and movement, including animals such as horses, cows, deer, and giraffes

146. 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

147. Skydiving is an overwhelming \_\_\_\_\_ for many people.

*n.* a feeling of extreme and sudden excitement and pleasure; to cause someone to feel sudden intense sensation or emotion

148. Her report was criticized as a gross \_\_\_\_\_ of the truth.

*n.* the alteration or misrepresentation of something so that it is no longer true or accurate; the way in which a sound or image is changed or distorted

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

*adj.* extremely large or great

ANSWERS: 143. mimicry, 144. toxins, 145. ungulates, 146. pollen, 147. thrill, 148. distortion, 149. enormous

150. \_\_\_\_\_ moisture is another significant component controlling soil respiration.  
*n.* the top layer of Earth in which plants grow
151. It was the \_\_\_\_\_ of a dinosaur tooth.  
*n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
152. The interests of the two countries \_\_\_\_\_.  
*v.* to hit something violently when moving
153. The sperm count is used as an indicator of male \_\_\_\_\_.  
*n.* the state or quality of being able to produce babies, young animals, fruit, or new plants
154. They watched the train \_\_\_\_\_ into the distance.  
*v.* to cease to exist or be visible
155. \_\_\_\_\_ bootcamps have become a popular way to learn coding skills quickly.  
*n.* the process of writing or creating computer code, which is a set of instructions that tells a computer what to do to create software, websites, apps, and other digital products
156. They \_\_\_\_\_ the fragile vase in bubble wrap to protect it during shipping.  
*v.* to enclose or cover something in a protective or decorative layer
157. She makes beautiful \_\_\_\_\_ in her studio and sells them at local markets.  
*n.* objects made from materials such as clay that are hardened by heat, often to create functional or decorative items

ANSWERS: 150. Soil, 151. fossil, 152. collide, 153. fertility, 154. disappear, 155. Coding, 156. encased, 157. ceramics

158. Please \_\_\_ up a bucketful of water from the well.

*v.* to put something into a liquid for a short time and take it out again

159. The vaccination does not necessarily make you completely \_\_\_\_\_.

*adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells

160. They cooperated for their \_\_\_\_\_ benefit.

*adj.* common to or shared by two or more parties

161. He \_\_\_\_\_ jumped out of his chair when he heard the news.

*adv.* in the real or original meaning of a word or phrase; in a literal sense or way; not figuratively

162. The kidney is an \_\_\_\_\_ component of the body.

*adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals

163. Unfortunately, the radio \_\_\_\_\_ made it difficult to hear the broadcast.

*n.* the act or process of getting involved in and trying to influence a specific situation; the state of being affected and influenced with

164. We were lucky enough to get \_\_\_\_\_ seats at the concert and could see the band members.

*adj.* of or relating to something seen or experienced from a very short distance, typically allowing a detailed view or intimate understanding

165. We need to \_\_\_\_\_ the leftovers to keep them from spoiling.

*v.* to cool or preserve food or other items by using a refrigerator or other cold storage device; to keep something at a low temperature to prevent spoilage or degradation

ANSWERS: 158. dip, 159. immune, 160. mutual, 161. literally, 162. organic, 163. interference, 164. up-close, 165. refrigerate

166. A gentle \_\_\_\_\_ concealed his powerfulness.

- n.* the face or front of a building, especially a large one; superficial or false appearance intended to conceal something unpleasant

167. The new CEO's primary mission is to \_\_\_\_\_ the company on the verge of bankruptcy.

- v.* to improve or renew an area, institution, system, etc., especially by making it more active or successful

168. How many \_\_\_\_\_ does the average lion have?

- n.* descendant; any immature animal or plant

169. Environmentalists are concerned about the harm to the \_\_\_\_\_.

- n.* a type of land that is always wet and has soft soil; swamp or bog

170. The new strategy will \_\_\_\_\_ the profitability of our company.

- v.* to increase or improve the quality, amount, or strength of someone or something

171. The director gave the actor a \_\_\_\_ to begin the scene.

- n.* a signal, gesture, or action that provides information or direction for someone else to act or respond; a reminder or prompt for someone to do something

172. He became \_\_\_\_\_ that he was being followed.

- adj.* being aware of and able to respond to what is happening around you

173. The \_\_\_\_\_ spun an intricate web in the corner of the room.

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

ANSWERS: 166. facade, 167. regenerate, 168. offspring, 169. marsh, 170. enhance, 171. cue, 172. conscious, 173. spider

174. The garden was filled with \_\_\_\_\_ and needed to be tilled before planting.

*n.* soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock

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

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

176. Long-term exposure to \_\_\_\_\_ materials can result in serious health problems.

*adj.* capable of causing cancer or promoting tumor growth; cancer-causing

177. He was riding \_\_\_\_\_ on the sheep during the day.

*n.* a group of animals of the same type that live or are kept together as livestock

178. Understanding protein folding is a vital step in deciphering the \_\_\_\_\_ code.

*adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes

179. She wore a \_\_\_\_\_ necklace passed down to her from her grandmother.

*n.* a hard, roundish object found within the shells of certain mollusks and used as a gem

180. The \_\_\_\_\_ will repair my telephone tomorrow morning.

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

181. It seems \_\_\_\_\_ that he has forgotten our scheduled meeting.

*adj.* likely to happen or likely to be true

ANSWERS: 174. dirt, 175. principle, 176. carcinogenic, 177. herd, 178. genetic, 179. pearl, 180. engineer, 181. probable

182. The farmer used a \_\_\_\_\_ to store feed for the animals.

- n.* a tall, cylindrical structure, usually made of concrete or steel, that is used for storing grain, feed, or other dry materials; a system or structure that is isolated or separate from others

183. We must consume dietary \_\_\_\_\_ to maintain good health.

- n.* thread or filament used to make a vegetable tissue, mineral material, or textile

184. A diversified plant species generally enhances beneficial \_\_\_\_\_ populations.

- n.* a tiny living thing

185. The patient was prescribed a \_\_\_\_\_ supplement to help prevent osteoporosis.

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

186. \_\_\_\_\_ algorithms can find ways to optimize that humans do not anticipate.

- adj.* relating to or denoting how living things develop or change from earlier forms

187. Solar gravity creates \_\_\_\_\_ pressures and temperatures.

- adj.* very great in amount or degree

188. We can calculate the position of the \_\_\_\_\_ statistically.

- n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance

189. The plant's leaves contain a deadly \_\_\_\_\_ that can cause hallucinations and seizures.

- n.* a substance that can cause illness, injury, or death when ingested, inhaled, or absorbed through the skin; something harmful, malicious, or toxic; the act of damaging or ruining a relationship; (verb) to introduce a substance into something or someone harmful and potentially deadly

ANSWERS: 182. silo, 183. fiber, 184. organism, 185. calcium, 186. Evolutionary, 187. extreme, 188. particles, 189. poison



190. I need to find a \_\_\_\_\_ for my female guinea pig so she doesn't get lonely.

- n.* a person's partner in marriage or romantic relationship; an animal's sexual partner; a peer or friend; (of the game of chess) checkmate, which is the winning condition of the game

191. 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

192. The solar wind is composed almost entirely of electrons and \_\_\_\_\_.

- n.* a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms

193. The doctor carefully examined the \_\_\_\_\_ medical history.

- n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic

194. Her beautiful voice \_\_\_\_\_ the thirst of an ever-growing audience.

- v.* to drink liquid so that you satisfy your thirst

195. The boy scout showed us how to tie a \_\_\_\_\_ that wouldn't come undone.

- n.* a tight interlacing of something such as rope or thread

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

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

ANSWERS: 190. mate, 191. mineralize, 192. protons, 193. patient's, 194. quenched, 195. knot, 196. dissolved

197. 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

198. During their camping trip, the kids were excited to go \_\_\_\_\_ hunting in the woods.

- n.* a small or unimportant creature or animal, often used in a familiar or affectionate way

199. It can be difficult to \_\_\_\_\_ work, family, and social life, but finding balance is important.

- v.* to manage or cope with several tasks, responsibilities, or situations simultaneously; to keep several things in the air at once, as in a juggling act

200. The professor handed out the \_\_\_\_\_ on the first day of class.

- n.* an outline or summary of the topics, themes, and assignments to be covered in a particular course or educational program; a list or summary of key themes or components of a particular document, work, or project

201. 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

202. The pottery was fired in the \_\_\_\_\_ for several hours to harden it.

- n.* an oven or furnace used for baking, drying, or firing clay, pottery, bricks, or other materials; typically made of brick or refractory material and heated with wood, coal, or gas

203. The condo offers \_\_\_\_\_ access to the beach.

- adj.* not divided or shared with others

ANSWERS: 197. magic, 198. critter, 199. juggle, 200. syllabus, 201. mimic, 202. kiln, 203. exclusive

204. The mRNA \_\_\_\_\_ was approved in less than a year because it did not contain the fragments of the target virus.

- n.* a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)

205. The \_\_\_\_\_ and the oxygen react and then form water.

- n.* the chemical element that is the lightest gas is colorless, odorless, tasteless, and combines with oxygen to form water

206. Our company must continue to strive for greater \_\_\_\_\_.

- n.* the state or quality of doing something well with no waste of input such as time or money

207. 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

208. The doctors said that her recovery was a \_\_\_\_\_.

- n.* an act or occurrence that is not explicable by natural or scientific laws and is therefore believed to be caused by God

209. She increased her \_\_\_\_\_ by planning out her tasks for the day.

- n.* the state or quality of being productive; the rate at which a company or individual produces goods or services, often measured in terms of output per unit of input, such as labor, capital, or time

ANSWERS: 204. vaccine, 205. hydrogen, 206. efficiency, 207. function, 208. miracle, 209. productivity

210. The company \_\_\_\_\_ a tracking code in the product's packaging to monitor its shipment.

- v. to fix or set firmly in a surrounding mass

211. The \_\_\_\_\_ scarcity most severely impacted the manufacturing sector

- n. a substance that is typically burned to generate heat or energy

212. The company's plastic products are easily \_\_\_\_\_ thanks to a unique manufacturing process.

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

213. The flowers \_\_\_\_\_ a sweet fragrance.

- v. to emit or release a liquid, smell, or expression gradually and slowly; to display an emotion, quality, or characteristic in a spontaneous and natural way

214. He is familiar with \_\_\_\_\_ and biology.

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

215. The movie depicts an old-fashioned \_\_\_\_\_ between the two main characters.

- n. the period of time when two individuals go through the process of getting to know each other, often with the intent of forming a romantic or intimate relationship

216. The girl \_\_\_\_\_ when a young man whistled as she walked by.

- v. to become red on your face, especially because you are embarrassed, angry, or hot; to rinse, clean, or empty something, especially a toilet, by causing large quantities of water to flow

ANSWERS: 210. embedded, 211. fuel, 212. biodegraded, 213. exude, 214. chemistry, 215. courtship, 216. flushed

217. The \_\_\_\_ section of the ship suffered significant damage after the collision with the reef.  
*adj.* (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle
218. 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
219. \_\_\_\_\_ is the second most abundant element on earth after oxygen.  
*n.* a chemical element with the symbol Si that is a hard, brittle crystalline solid with a blue-grey metallic luster and used for the transistors and integrated circuit chips in computers
220. She put together an \_\_\_\_\_ of matching clothes for the party.  
*n.* a group of people who perform together, especially in music or theater; a coordinated or matching set of something
221. He cannot \_\_\_\_\_ a holiday.  
*v.* to have enough money or time to be able to buy or do something
222. The \_\_\_\_\_ hotel room may be small but it has all the necessary amenities.  
*n.* a small, enclosed container often used for holding medicines or supplements or for transporting payloads in spacecraft; a small, elongated structure within the body, such as a joint or a gland
223. The construction worker used a \_\_\_\_\_ saw to cut through the stubborn sheet metal.  
*n.* a solid material that is typically hard, shiny, malleable, fusible, and ductile, with good electrical and thermal conductivity, and often used as a structural material, a conductor of heat or electricity, or for decorative purposes

ANSWERS: 217. aft, 218. involves, 219. Silicon, 220. ensemble, 221. afford, 222. capsule, 223. metal

224. We can use this campaign as a bargaining \_\_\_\_\_ in the negotiations.  
*n.* a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat
225. Cities around the world set records for highest \_\_\_\_\_ this summer.  
*n.* the degree of hotness or coldness of a thing or place
226. Einstein's new \_\_\_\_\_ theory transformed traditional scientific notions about light.  
*n.* the academic study of vision and light
227. In ancient civilizations, the scarab \_\_\_\_\_ was worshiped as a sacred creature.  
*n.* an insect having a hard shell-like back covering its wings
228. We are developing plant-derived \_\_\_\_\_ to reduce environmental impact.  
*n.* a substance composed of macromolecules (= large groups of atoms) made from many smaller and simpler molecules
229. The battery's \_\_\_\_\_ needs to be replaced for it to function properly.  
*n.* the positively charged electrode by which electrons enter an electrical device, such as a battery or an electrolytic cell; the electrode at which oxidation occurs
230. She accidentally \_\_\_\_\_ into him in the crowded room.  
*v.* to hit or knock against something hard, often with a dull sound; to meet with by accident
231. We invited some friends for a \_\_\_\_\_ party.  
*n.* a drink, usually an alcoholic one, made by mixing one or more spirits (= strong alcoholic drinks) and fruit juice; an appetizer served as a first course at a meal

ANSWERS: 224. chip, 225. temperatures, 226. optics, 227. beetle, 228. polymers, 229. anode, 230. bumped, 231. cocktail

232. A deficiency in the \_\_\_\_\_ can lead to a medical condition.

- n.* a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction

233. \_\_\_\_\_ panels have greatly improved not only in performance but also in durability.

- adj.* of, from, or relating to the sun

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

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

235. Jet \_\_\_\_\_ are the common name for air currents that form high in the atmosphere.

- n.* a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.

236. I \_\_\_\_\_ to him that I had seen his sister at the grocery store earlier that day.

- v.* to speak or write about something or someone briefly

237. \_\_\_\_\_ fossils can tell us a lot about the history and environment of the oceans.

- n.* a type of single-celled algae that is characterized by its ornate and intricate silica shells, which form a distinctive pattern or design when viewed under a microscope

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

- adj.* relating to or connected with chemistry;

239. Some countries have a culture of eating the flesh of a \_\_\_\_\_.

- n.* a very large sea mammal that has a streamlined body and breathes through a blowhole on the head; a very large person; impressive in size or qualities

ANSWERS: 232. enzyme, 233. Solar, 234. separate, 235. streams, 236. mentioned, 237. Diatom, 238. chemical, 239. whale

240. The formation of clouds is facilitated by the process of \_\_\_\_\_ and condensation
- n.* the process of a liquid changing into a gas or vapor, often as a result of high temperatures or reduced pressure; the gradual disappearance or dissipation of something, such as money or resources
241. That adventurer traveled in \_\_\_\_\_ of buried treasure.
- n.* a long or challenging search for something
242. If necessary, you can \_\_\_\_\_ the front seats forward.
- v.* to move or cause to move smoothly along a surface without interruption
243. The findings of the experiment were both \_\_\_\_\_ and unexpected.
- adj.* causing a lot of interest or excitement
244. This company's \_\_\_\_\_ plant is an enormous facility.
- n.* a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country
245. The quiet and peaceful environment was \_\_\_\_\_ to concentration and productivity.
- adj.* tending to make something likely or possible
246. The outermost \_\_\_\_\_ shell determines the chemical properties of an atom.
- n.* a tiny particle with the negative electrical charge
247. The jacket is \_\_\_\_\_ so that you can wear it with the fur lining on the outside or the inside.
- adj.* capable of being turned or done in the opposite direction or way; capable of being reversed or undone

ANSWERS: 240. evaporation, 241. quest, 242. slide, 243. exciting, 244. assembly, 245. conducive, 246. electron, 247. reversible



248. The \_\_\_\_\_ of frost on the ground was so thick it was difficult to walk on.

- n.* a sheet, quantity, or thickness of the material, typically one of several, covering a surface or body; a level or part within a system or set of ideas

249. The \_\_\_\_\_ boarders glided across the crystal-clear waters of the cove.

- n.* a flat, usually wooden implement with a handle used for stirring, mixing, or beating a liquid or substance

250. The drought \_\_\_\_\_ the prices of grain globally.

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

251. The government introduced regulations to ensure sustainable \_\_\_\_\_ practices.

- n.* the practice of raising livestock, typically cattle or sheep, on large areas of land, often referred to as ranches, for meat, wool, or other products

252. The supermarket had a large \_\_\_\_\_ section with all kinds of fresh produce.

- n.* the process of cooling or freezing something, especially food, to preserve it

253. Eventually, the new design will \_\_\_\_\_ all older models.

- v.* to take the place of something

254. The sunset painted the sky in a \_\_\_\_\_ orange and purple glow.

- adj.* giving off or reflecting light; glowing; shining; translucent or clear in appearance

255. The sponge takes up the \_\_\_\_\_ well.

- n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas

ANSWERS: 248. layer, 249. paddle, 250. lifted, 251. ranching, 252. refrigeration, 253. replace, 254. lucent, 255. liquid

256. Our body transfers information along each \_\_\_\_\_ using an electrical impulse.
- n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
257. \_\_\_\_\_ prevalent in hospitals are often resistant to antibiotics.
- n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
258. 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
259. The tiny marine \_\_\_\_\_ has existed for more than 500 million years.
- n.* a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning
260. The \_\_\_\_\_ of starting a new business can be both exciting and daunting.
- n.* the possibility or likelihood of something happening or being successful; a person or thing that is likely to succeed or become popular; a potential customer or client; (verb) to explore for useful or valuable things or substances, such as minerals
261. Mercury is the closest \_\_\_\_\_ to the sun.
- n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
262. We \_\_\_\_\_ the season's total trade deficit at \$50 billion.
- v.* to guess or calculate the cost, size, value, etc. of something

ANSWERS: 256. neuron, 257. Bacteria, 258. structure, 259. sponge, 260. prospect, 261. planet, 262. estimated

263. The president began to \_\_\_\_\_ an army.

*v.* to collect in one place as a single group

264. Insects in urban areas are becoming \_\_\_\_\_ to insecticides.

*adj.* not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection

265. 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

266. The plant has a stunning \_\_\_\_\_ blossom.

*adj.* of a color intermediate between red and blue

267. He reached into his pocket and pulled out a small silver \_\_\_\_\_ box.

*n.* finely ground tobacco that is inhaled through the nose as a form of tobacco use; a type of scented tobacco that is often used for aromatic purposes in candles or incense; (verb) to extinguish or put out

268. Along the gravel roads, sizeable yellow school buses \_\_\_\_\_.

*v.* to move forward slowly, as people or animals with their bodies near the ground

269. The \_\_\_\_\_ party strongly disagreed with the government's proposed legislation.

*n.* the act of disagreeing or resisting; the state of strong disagreement

270. The \_\_\_\_\_ side of the fish was beautifully colored.

*adj.* relating to or situated on or toward the belly or underside of an animal or organ; opposite of dorsal

ANSWERS: 263. assemble, 264. resistant, 265. environment, 266. purple, 267. snuff, 268. crawl, 269. opposition, 270. ventral

271. His mom was always concerned about his \_\_\_\_\_ frame and encouraged him to eat more

*adj.* having a very thin or slim body; referring to clothing that is tightly fitting and reveals the shape of the body; referring to information or details that are kept secret or confidential

ANSWERS: 271. skinny