

# Englist.me



## Vocabulary Builder Reference from...

*David Baker: 5 challenges we could solve by designing new proteins | TED Talk*

[https://www.ted.com/talks/david\\_baker\\_5\\_challenges\\_we\\_could\\_solve\\_by\\_designing\\_new\\_proteins](https://www.ted.com/talks/david_baker_5_challenges_we_could_solve_by_designing_new_proteins)

### All Words

#### IMPORTANT

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## Session 1: Word List

### 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.

### essentially

*adv.* relating to the essential features or concepts of anything

*synonym*: fundamentally, basically, virtually

(1) **essentially** correct, (2) become **essentially** same  
**Essentially**, a society is an organism.

### 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**.

## digest

*v.* to transform food into absorbable substances; break down

*synonym* : absorb, condense

(1) **digest** information, (2) help **digest** food

Most babies can readily **digest** a wide variety of foods.

## contract

*n.* a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law

*synonym* : agreement, deal, arrangement

(1) employment **contract**, (2) **contract** law

The company signed a **contract** with the supplier for the delivery of goods.

## 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.

## 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**.

## 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.

## 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.

## linear

*adj.* of, relating to, or consisting of lines or length; able to be expressed as a straight line, especially on a graph

*synonym*: straight, direct, right

(1) **linear** trend, (2) a **linear** equation

People tend to make **linear** predictions.

## 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.

## amino

*n.* compounds and functional groups that contain a basic nitrogen atom with a lone pair (NH<sub>2</sub>) that combine to make protein

(1) **amino** compound, (2) **amino** acid

This company was granted a patent for its **amino** resin manufacturing process.

## acid

*n.* sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials

*synonym*: sour

(1) an **acid** reaction, (2) good source of essential amino **acids**

During pregnancy, the stomach generates less **acid** than usual.

## alphabet

*n.* a character set that includes letters and is used to write a language

*synonym* : ABC's

(1) letters of an **alphabet**, (2) an **alphabet** of manual signs  
He strove to memorize the Hebrew **alphabet**.

## 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.

## atom

*n.* the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus

*synonym* : particle, element, fraction

(1) oxygen **atom**, (2) neutral hydrogen **atoms**

The outermost electron shell of an **atom** determines its chemical characteristics.

## 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.

## string

*n.* long, thin material used for tying things together, composed of several twisted threads

*synonym* : line, wire, rope

(1) retie the **string** and make it strong, (2) tense piano **strings**

She wore a **string** of pearls around her neck.

## 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.

## dimension

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

*synonym* : extent, measurement, size

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

Overall **dimensions** are approximately 400x200mm.

## 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.

## 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.

## random

*adj.* made, done, or happening without method, conscious decision, or any regular pattern

*synonym* : incidental, arbitrary, unanticipated

(1) a **random** choice, (2) bombs fell at **random**

To find drunk drivers, police conduct **random** tests.

## precise

*adj.* sharply exact or accurate or delimited

*synonym* : accurate, exact, distinct

(1) **precise** analyses, (2) estimate **precise** costs

The content is **precise** and informative for me.

## characteristic

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

*synonym* : feature, quality, attribute

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

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

## fraction

*n.* a small part or item forming a piece of a whole; the quotient of two rational numbers

*synonym* : piece, part, fragment

(1) a **fractional** share of the vote, (2) a numerator in a **fraction**

He spent only a **fraction** of his earnings.

## remarkable

*adj.* worthy of attention because unusual or special

*synonym* : outstanding, exceptional, extraordinary

(1) **remarkable** achievement, (2) the **remarkable** breadth of knowledge

The election was a **remarkable** success for the Whigs.

## hemoglobin

*n.* a protein-based molecule found in red blood cells that transports oxygen throughout the body

*synonym* : red cell pigment, oxygen carrier

(1) **hemoglobin** level, (2) abnormal **hemoglobin**

The **hemoglobin** gene mutation can cause genetic disorders such as sickle cell disease.

## lung

*n.* either of the two organs in the chest that people and some animals use for breathing

(1) **lung** capacity, (2) do **lung** transplantation

He has terminal **lung** cancer.

## suit

*adj.* appropriate, fitting, or acceptable for a particular purpose or occasion; matched or corresponding to a specific person, dress, or circumstances

*synonym* : appropriate, fitting, suitable

(1) **suit** for the job, (2) well- **suit** personality

The job offer was perfectly **suited** to her skills and experience.

## bind

*v.* to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly

*synonym*: tie, stick to, adhere

(1) **bind** the man's hands, (2) **bind** old letters into a bundle

The company's rules **bind** the employee's working hours.

## oxygen

*n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live

(1) the hydrogen binds the **oxygen**, (2) lack of **oxygen**

The passenger grabbed for the **oxygen** mask.

## slightly

*adv.* in a small degree or extent; a little

*synonym*: barely, narrowly, scarcely

(1) increase **slightly**, (2) **slightly** alkaline soils

He moved his body **slightly** to the left.

## specify

*v.* to explain or state something clearly and exactly

*synonym*: establish, pinpoint, identify

(1) **specify** a cause, (2) **specify** an option

You can **specify** the font color by clicking the Color tab.

## sequence

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

*synonym*: arrangement, succession, series

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

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

## genome

*n.* the complete set or sequence of genes of a human, animal, plant, or other living things

(1) sequencing of the human **genome**, (2) **genome**

analyses

The human **genome** contains approximately three billion chemical base pairs.

## encode

v. to convert information into a code or format suitable for storage or transmission

*synonym*: transcribe, convert

(1) **encode** data, (2) **encode** information

The software can **encode** and decode encrypted messages.

## translate

v. to convert or change words into another language

*synonym*: convert, transcribe, render

(1) **translate** a document into English, (2) **translate** the emotion to a movement

**Translate** the text from Italian into English.

## adopt

v. to choose to follow something; to legally take a child from another family and care for them as if they were one's own

*synonym*: accept, assume, take on

(1) **adopt** a child, (2) **adopt** a bill

The national assembly has **adopted** the budget.

## complexity

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

*synonym*: intricacy, sophistication, elaboration

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

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

## harness

v. to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object

*synonym*: rein in, control, (noun) belt

(1) **harness** a horse to a carriage, (2) put a **harness** on my pet



People have been exploring ways to **harness** natural forces and resources since ancient times.

## ancestor

*n.* a person from whom one is descended; a forefather  
*synonym*: forebear, forefather, progenitor

(1) **ancestor** language, (2) earliest human **ancestor**

My remote **ancestor** immigrated to the United States from Ireland in the 1800s.

## implement

*v.* to put a decision, plan, or system into effect  
*synonym*: execute, enforce, put through

(1) **implement** a corporate strategy, (2) **implement** security measures

The government promised to **implement** a new system to control the financial crisis.

## stick

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

*synonym*: pierce, adhere, stay

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

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

## mod

*n.* a modification or alteration, typically one made to improve something or increase its functionality; a British teenager or young adult in the 1960s, noted for their clothes consciousness and opposition to the rockers

*synonym*: alteration, modification, tweak

(1) **mod** culture, (2) a house with **mod** cons

The **mod** for the video game added new features and improved gameplay.

## 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.

## uncover

*v.* to remove the cover from something; to discover something previously unseen or hidden

*synonym* : disclose, reveal, unveil

(1) **uncover** a potential problem, (2) **uncover** the truth  
He continued his investigation and soon **uncovered** another crime.

## 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.

## aerodynamics

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

*synonym* : aeromechanics, aeronautics, airflow

(1) **aerodynamics** research, (2) **aerodynamics** design  
The **aerodynamics** of the car allowed it to glide smoothly through the air.

## 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.

## fundamental

*adj.* forming an essential base or core from which everything else develops or is affected

*synonym* : basic, essential, entire

(1) **fundamental** education, (2) **fundamental** rights

Human behavior has **fundamental** characteristics.

## breakthrough

*n.* a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem

*synonym*: advance, progress, innovation

(1) **breakthrough** in the negotiations, (2) **breakthrough** discovery

A technique called deep learning has led to **breakthroughs** in AI.

## scratch

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

*synonym*: claw, rub, scrape

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

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

## synthetic

*adj.* made by combining chemical substances as opposed to being naturally occurring

*synonym*: artificial, manufactured, fabricated

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

**Synthetic** diamonds play an essential role as machine tool blades.

## advance

*v.* to go or move forward; to develop in a positive way

*synonym*: progress, boost, come along

(1) **advance** the technology, (2) **advance** a cooperative relationship

Scientific knowledge will **advance** significantly with the power of AI.

## synthesis

*n.* the combination of components or elements to form a more complex whole; the creation of something new through combining parts or elements

*synonym*: combination, integration, compound

(1) **synthesis** of ammonia, (2) protein **synthesis** inhibitor

The chemical **synthesis** of the new drug was a breakthrough in medical research.

## 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.

## 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.

## brand

*n.* a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning

*synonym*: trademark, label, symbol

(1) create a **brand** logo, (2) the **brand** of the new car  
There's a new **brand** of hero in the movies now.

## extract

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

*synonym*: excerpt, quote, distillation

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

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

## determinant

*n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

*synonym*: cause, factor, element

(1) environmental **determinant**, (2) a **determinant** of crop yields

One **determinant** of success is having a positive attitude and a strong work ethic.

## 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.

## diversity

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

*synonym*: variety, multiplicity, variousness

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

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

## evolution

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

*synonym*: elaboration, expansion, transition

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

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

## typical

*adj.* having the usual characteristics or traits of a specific group of things

*synonym*: characteristic, usual, distinctive

(1) **typical** leader, (2) fairly **typical** symptoms

This artwork is **typical** of her work.

## possibility

*n.* a chance that something may happen or be true

*synonym*: chance, prospect, likelihood

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

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

## enormous

*adj.* extremely large or great

*synonym* : huge, giant, gigantic

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

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

## imaginable

*adj.* capable of being imagined

*synonym* : conceivable, plausible, possible

(1) easily **imaginable**, (2) worst **imaginable** case

This is the only **imaginable** strategy.

## explore

*v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it

*synonym* : analyze, delve into, examine

(1) **explore** the world, (2) **explore** our options

The management must **explore** strategies to increase office security.

## computation

*n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator

*synonym* : calculation, estimation, arithmetic

(1) parallel **computation**, (2) theory of **computation**

The researcher demonstrated the superiority of quantum **computation** in several mathematical tasks.

## 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.

## disease

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

*synonym* : illness, ailment, affliction

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

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

## pollute

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

*synonym*: contaminate, corrupt, degrade

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

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

## 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.

## ecology

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

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

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

## audacious

*adj.* showing a willingness to take bold risks or to do something that is considered unconventional or daring; marked by originality, creativity, or boldness

*synonym*: bold, daring, fearless

(1) **audacious** stunt, (2) **audacious** decision

The young entrepreneur had an **audacious** plan to start his own company.

## technological

*adj.* based on scientific and industrial progress

*synonym*: specialized, technical

(1) **technological** advancement, (2) **technological** policy

**Technological** advances have disrupted many industries.

## revolution

*n.* a large-scale attempt to overthrow the government of a country, often using violence or war;

*synonym*: coup, innovation, rebellion

(1) beginning of the industrial **revolution**, (2) a political **revolution**

The **revolution** by the citizen resulted in a redistribution of wealth.

## 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.

## stimming

*n.* a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation

*synonym*: self-stimulation, repetitive behaviors

(1) autistic **stimming**, (2) **stimming** therapy

Autistic children may engage in **stimming** behaviors, such as rocking or hand flapping, to self-regulate.

## pathogen

*n.* a bacterium, virus, or other microorganism that causes disease

*synonym*: germ, microbe, bacterium

(1) plant **pathogen**, (2) the **pathogen** in the air

mRNA vaccines are approved faster because they do not contain inactivated **pathogens**.

## 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.



## **fuse**

*n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat

*synonym* : (verb) melt, (verb) blend

(1) **fuse** blows, (2) **fuse** with one another

He has a short **fuse**.

## **respiratory**

*adj.* relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air

*synonym* : breathing, pulmonary, lung

(1) **respiratory** failure, (2) alleviate **respiratory** ailments

Chronic **respiratory** disorders, such as asthma, can significantly impact a person's quality of life.

## **virus**

*n.* a tiny infectious organic material that causes disease in people, animals, and plants

*synonym* : bacterium, germ, ailment

(1) spread of the **virus**, (2) a strain of **virus**

An infected person in the hospital will likely pass the **virus** to others.

## **candid**

*adj.* honest, straightforward, and frank in someone's words or actions

*synonym* : honest, frank, straightforward

(1) **candid** conversation, (2) in my **candid** opinion

The **candid** photography captured the genuine emotions of the moment.

## **bristle**

*n.* a stiff, short hair on a mammal's skin or a natural or artificial brush; a stiff, sharp point on a plant such as a thorn or a prickle; (verb) to react defensively to something; to stand up stiffly and be rigid

*synonym* : spike, prickle, hair

(1) **bristle** brush, (2) **bristle** with anger

The dog's **bristle** on its back stood up as it growled at the

mailman.

## viral

*adj.* relating to or caused by a virus

(1) fight **viral** infections, (2) detect a **viral** code

This device can more accurately detect **viral** pathogens.

## infant

*n.* a baby or very young child

*synonym*: baby, newborn, tot

(1) **infant** daughter, (2) **infant** food

Mozart was an **infant** prodigy.

## mortality

*n.* the quality or state of being subject to death

*synonym*: fatality

(1) **mortality** due to cancer, (2) lower infant **mortality**

This disease has a high **mortality**.

## gluten

*n.* a protein found in wheat, barley, and rye that is responsible for the elastic texture of the dough

*synonym*: wheat protein, wheat starch

(1) **gluten-free** diets, (2) **gluten** intolerance

Many people with celiac disease must avoid **gluten** in their diet.

## stomach

*n.* the internal organ in the body where food is digested, situated in the abdomen; the part of the body below the chest that contains the stomach

*synonym*: belly, abdomen, gut

(1) upset **stomach**, (2) **stomach** virus

I have a **stomach** ache after overeating junk food.

## celiac

*n.* relating to a condition in which the body's immune system reacts to gluten, a protein found in wheat, barley, and rye; of or in or belonging to the cavity of the abdomen

*synonym*: gluten intolerance, gastric, stomachic

(1) **celiac** treatment, (2) **celiac** artery

His **celiac** disorder required him to follow a strict gluten-free diet.

## stimulate

*v.* to encourage something to develop or become more active; to stir the feelings or emotions

*synonym*: excite, provoke, arouse

(1) **stimulate** the economy, (2) **stimulate** the nervous system

The book **stimulated** my imagination.

## cancer

*n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

*synonym*: tumor, carcinoma, malignancy

(1) **cancer** diagnosis, (2) **cancer** research

Breast **cancer** is the most common type of cancer in women.

## digital

*adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

*synonym*: numerical, computerized, cyber

(1) a **digital** watch, (2) **digital** electronic signature

Sensors convert physical phenomena into **digital** signals.

## laboratory

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

*synonym*: lab, workshop, testing room

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

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

## collaborate

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

*synonym*: cooperate, unite, get together

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

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

## 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**.

## attract

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

*synonym* : lure, entice, draw in

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

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

## talent

*n.* a natural ability to be good at something; someone who has a natural ability to be good at something

*synonym* : endowment, aptitude, capability

(1) a person of diverse **talents**, (2) raw **talent**

Numerous great professional sports **talents** have come from this city.

## innovation

*n.* the creation of a new device or process resulting from study and experimentation

*synonym* : invention, initiation, creation

(1) **innovation** leader, (2) cutting-edge **innovation**

The vegetarian burger was an **innovation** that quickly spread to the United Kingdom.

## transistor

*n.* a semiconductor device that can be used to amplify or switch electronic signals and power which is an essential component in modern electronics

*synonym* : semiconductor, microchip, circuit

(1) **transistor** radio, (2) **transistor** circuit

The invention of the **transistor** revolutionized the field of electronics.

## laser

*n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification

*synonym* : beam, bar, ray

(1) **laser** printer, (2) pulse **laser**

The company holds patents on core components of **laser** jet printers.

## satellite

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

*synonym* : orbiter, asteroid, moon

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

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

## communicate

*v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals

*synonym* : convey, share, transmit

(1) **communicate** his anxieties to the psychiatrist,

(2) **communicate** well with my advisor

Dolphins use sound to **communicate** with each other.

## talented

*adj.* having a natural ability or aptitude for something; showing exceptional skill or ability in a particular area

*synonym* : gifted, able, skilled

(1) a very **talented** actor, (2) **talented** athlete

She is a **talented** musician, able to play several instruments.

## accelerate

*v.* to make something faster or earlier; to cause to develop or progress more quickly

*synonym* : speed up, quicken, rev

(1) **accelerate** a chemical reaction, (2) **accelerate** the car

The government tried to **accelerate** the commercialization of this development.

## 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.

## influenza

*n.* (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics

*synonym* : grippe, flu

(1) an epidemic outbreak of **influenza**, (2) **influenza** B strain

The research institute allocated a lot of money to study the cause and prevention of **influenza**.

## strain

*n.* a force or pressure that stretches or pulls something, sometimes causing damage; (biology) a group of organisms within a species that differ in trivial ways from similar groups

*synonym* : pressure, tension, breed

(1) **strain** our eyes, (2) a **strain** of bacillus

Dictators of the past often had the erroneous idea of a pure racial **strain**.

## aim

*v.* to try or plan to get or achieve something

*synonym* : aspire, direct, target

(1) **aim** at a specific target, (2) **aim** to be a nurse

We **aim** for an overseas expansion.

## universal

*adj.* existing or affecting everywhere or everyone

*synonym* : common, broad, worldwide

(1) **universal** life, (2) principles of **universal** design

The picture earned near- **universal** acclaim from critics.

## lifetime

*n.* the duration of someone's life or something's existence;

*synonym* : lifespan, duration

(1) **lifetime** benefits, (2) **lifetime** ban from the sport

She had lived through two world wars in her **lifetime**.

## epidemic

*n.* the widespread outbreak of a particular disease in a large number of people at the same time

*synonym*: outbreak, contagion, plague

(1) a worldwide **epidemic**, (2) health **epidemic**

The disease is now reaching **epidemic** proportions in our country.

## addition

*n.* the act or process of adding something to something else; the process of adding numbers

*synonym*: accumulation, expansion, addendum

(1) chemical **addition**, (2) **addition** of vectors

In **addition**, private corporations provide healthcare services.

## intentional

*adj.* done, made or performed with purpose and intent

*synonym*: deliberate, intended, preplanned

(1) **intentional** destruction of evidence, (2) an **intentional** walk

The law distinguishes between accidental and **intentional** killing.

## terrorism

*n.* the use of violence to attain political or religious goals or to compel a government to act

(1) **terrorism** against civilians, (2) anti- **terrorism** bill

Democracy is utterly opposed to any form of **terrorism**.

## therapeutic

*adj.* relating to or involved in the treatment of illness or injury

*synonym*: healing, remedial, curative

(1) **therapeutic** massage, (2) **therapeutic** administration

Yoga is known to have **therapeutic** benefits for the mind and body.

## chronic

*adj.* being long-lasting and recurrent or characterized by long suffering; habitual

*synonym*: established, regular, constant

(1) risk of **chronic** disease, (2) **chronic** alcohol consumption

**Chronic** hyperglycemia is a trigger for a variety of serious diseases.

## delivery

*n.* the act of taking or sending something to a destination; the bringing of a baby during childbirth

*synonym*: sending, transporting, bringing

(1) an easy **delivery**, (2) special **delivery**

The **delivery** truck arrived with the packages.

## medication

*n.* a drug or other form of medicine that treats, prevents, or alleviates the symptoms of the disease

*synonym*: cure, drug, medicine

(1) antibiotic **medication**, (2) **medication** by mouth

The pharmacist not only prescribes the **medication** but also guides its proper use.

## chemotherapy

*n.* the treatment of disease, particularly cancer, using special drugs that have a toxic effect on cancer cells; frequently used in conjunction with other therapies such as surgery and radiation

*synonym*: anticancer treatment, radiotherapy, immunotherapy

(1) **chemotherapy** regimen, (2) **chemotherapy** side effects

Many cancer patients undergo **chemotherapy** as a treatment option.

## tumor

*n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way

*synonym*: neoplasm, mass, lump

(1) **tumor** growth, (2) **tumor** at remote sites

The patient was diagnosed with a **tumor** in her lung.

## therapy

*n.* the act of caring for someone through medication, remedial training, etc.

*synonym*: antidote, medicine, treatment

(1) **therapy** for a patient, (2) field of gene **therapy**



I underwent aversion **therapy** for my addiction to alcohol.

## tissue

*n.* an ensemble of similar cells of the animal or plant that together carry out a specific function

*synonym*: structure, texture, anatomy

(1) a facial **tissue**, (2) loss of muscle **tissue**

The researcher separated the nervous **tissue** for microscopic examinations.

## calculation

*n.* the act or process of using numbers to judge an amount of something

*synonym*: analysis, computation, estimate

(1) make a **calculation**, (2) **calculation** of loss and gain

The error in the **calculation** was attributable to rounding.

## medicinal

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

*synonym*: curative, therapeutic, healing

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

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

## blunt

*adj.* having a dull or rounded edge or point; not sharp; straightforward in speech or manner, often to the point of being rude or insensitive

*synonym*: dull, obtuse, insensitive

(1) **blunt** criticism, (2) **blunt** force

The **blunt** knife made it difficult to cut through the tough steak.

## instrument

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

*synonym*: apparatus, tool, device

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

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

## 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.

## responsible

*adj.* answerable or accountable for something within one's power, control, or management

*synonym*: accountable, answerable, liable

(1) **responsible** action, (2) **responsible** for a customer service

She's a **responsible** pet owner who ensures her dog gets enough exercise and a healthy diet.

## autoimmune

*adj.* relating to a condition in which the body's immune system attacks and destroys healthy body tissue, mistaking it for harmful foreign substances

(1) insulin **autoimmune** syndrome, (2) **autoimmune** disorder

The presence of certain substances triggered the **autoimmune** response.

## disorder

*n.* an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions

*synonym*: chaos, disturbance, disease

(1) the files are in complete **disorder**, (2) people with bipolar **disorder**

The doctor prescribed some medicine for the mental **disorder**.

## distinguish

*v.* to notice or understand the difference between two people or things

*synonym*: determine, differentiate, characterize

(1) **distinguish** these two things, (2) **distinguish** man from the other animals

This study **distinguished** four different ways to run a business.

## vast

*adj.* enormous in size, number, amount, or quantity

*synonym*: expansive, extended, boundless

(1) **vast** majority, (2) **vast** desert

A **vast** audience viewed the broadcast.

## 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.

## 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.

## abalone

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

*synonym*: sea snail, mollusk, shellfish

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

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

## 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.

## **institute**

*n.* an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something

*synonym* : academy, university, college

(1) **institute** a lawsuit, (2) research **institutes**

This region has many **institutes** offering higher education.

## **energetic**

*adj.* possessing or exerting or displaying energy

*synonym* : active, animated, lively

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

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

## **diverse**

*adj.* including numerous categories of individuals or entities; various

*synonym* : manifold, various, myriad

(1) **diverse** backgrounds, (2) a person of **diverse** talents

New York is a city with a **diverse** ethnic population.

## **participate**

*v.* to take part in something

*synonym* : take part, partake, enter

(1) **participate** fully in conversation, (2) **participate** in the program

The majority of students actively **participated** in the college's intramural sports program.

## **distribute**

*v.* to give something to a large number of individuals, or to spread or furnish something

*synonym* : broadcast, disperse, hand out

(1) **distribute** wealth evenly, (2) **distribute** video content

His estate was **distributed** to his sons.

## **laptop**

*n.* a portable computer that is small enough to be carried around easily and used on your lap

(1) bring my **laptop**, (2) thin-and-light **laptop**

I need to finish this report by tonight, so I'll be working on my

**laptop** all day.

**android**

*n.* a robot with a human appearance; (operating system)  
Google's mobile operating system

*synonym*: droid, cyborg

(1) household **android**, (2) **Android** tablet

The lab is developing an **android** robot that assists in dangerous construction work.

**smartphone**

*n.* a mobile phone that functions as a computer and connects to the Internet

(1) **smartphone** app developer, (2) **smartphone** addict

Internet traffic volumes have increased significantly with the advent of **smartphones**.

**excite**

*v.* to make someone feel suddenly enthusiastic or eager

*synonym*: thrill, exhilarate, animate

(1) **excite** the crowd, (2) **excite** rebellion

The news of her promotion **excited** her.

## Session 2: Spelling

1. a very ta\_\_\_\_ed actor *adj.* having a natural ability or aptitude for something; showing exceptional skill or ability in a particular area
2. ex\_\_\_\_ng news *adj.* causing a lot of interest or excitement
3. am\_\_o acid *n.* compounds and functional groups that contain a basic nitrogen atom with a lone pair (NH<sub>2</sub>) that combine to make protein
4. employment co\_\_\_\_ct *n.* a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law
5. good source of essential amino a\_\_ds *n.* sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials
6. tec\_\_\_\_\_\_cal policy *adj.* based on scientific and industrial progress
7. well-su\_\_\_\_d personality *adj.* appropriate, fitting, or acceptable for a particular purpose or occasion; matched or corresponding to a specific person, dress, or circumstances
8. plant pa\_\_\_\_en *n.* a bacterium, virus, or other microorganism that causes disease

ANSWERS: 1. talented, 2. exciting, 3. amino, 4. contract, 5. acid, 6. technological, 7. suited, 8. pathogen

9. oxygen a\_\_m *n.* the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus
10. b\_\_d the man's hands *v.* to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly
11. aer\_\_\_\_ics design *n.* the study of the motion of air, particularly its interaction with solid objects moving through it, such as aircraft or cars
12. me\_\_\_\_al chemistry *adj.* of or relating to the treatment or cure of disease
13. dis\_\_\_\_sh man from the other animals *v.* to notice or understand the difference between two people or things
14. household an\_\_\_\_d *n.* a robot with a human appearance; (operating system) Google's mobile operating system
15. ev\_\_\_\_on theory *n.* a gradual process of transformation of living things
16. fire st\_\_k *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
17. di\_\_\_\_e control *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems

ANSWERS: 9. atom, 10. bind, 11. aerodynamics, 12. medicinal, 13. distinguish, 14. android, 15. evolution, 16. stick, 17. disease

18. tra\_\_\_\_\_or radio *n.* a semiconductor device that can be used to amplify or switch electronic signals and power which is an essential component in modern electronics
19. parallel com\_\_\_\_\_on *n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator
20. the di\_\_\_\_\_ty policy of the university *n.* the quality or fact of many different types of things or people being included in something; a range of different things or people
21. che\_\_\_\_\_apy regimen *n.* the treatment of disease, particularly cancer, using special drugs that have a toxic effect on cancer cells; frequently used in conjunction with other therapies such as surgery and radiation
22. in\_\_\_\_\_te a lawsuit *n.* an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something
23. im\_\_\_\_\_nt a corporate strategy *v.* to put a decision, plan, or system into effect
24. mo\_\_\_\_\_ty due to cancer *n.* the quality or state of being subject to death
25. ta\_\_\_\_\_ed athlete *adj.* having a natural ability or aptitude for something; showing exceptional skill or ability in a particular area
26. fairly ty\_\_\_\_\_l symptoms *adj.* having the usual characteristics or traits of a specific group of things

ANSWERS: 18. transistor, 19. computation, 20. diversity, 21. chemotherapy, 22. institute, 23. implement, 24. mortality, 25. talented, 26. typical



27. charged pa\_\_\_\_\_le *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
28. sc\_\_\_\_\_h off a name *v.* to cut or damage the surface of something or the skin with a sharp or pointed object
29. cognitive com\_\_\_\_\_ty *n.* the state or quality of being complicated or intricate and difficult to understand
30. the \_\_\_\_\_ic massage *adj.* relating to or involved in the treatment of illness or injury
31. tr\_\_\_\_\_te a document into English *v.* to convert or change words into another language
32. im\_\_\_\_\_nt security measures *v.* to put a decision, plan, or system into effect
33. acc\_\_\_\_\_te the car *v.* to make something faster or earlier; to cause to develop or progress more quickly
34. ce\_\_\_\_c treatment *n.* relating to a condition in which the body's immune system reacts to gluten, a protein found in wheat, barley, and rye; of or in or belonging to the cavity of the abdomen
35. a facial ti\_\_\_\_e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
36. cell and molecular bi\_\_\_\_\_y *n.* the scientific study of life and the natural processes of living things
37. the crosswise di\_\_\_\_\_on *n.* a measurable extent of a particular kind, such as width, height, or length

ANSWERS: 27. particle, 28. scratch, 29. complexity, 30. therapeutic, 31. translate, 32. implement, 33. accelerate, 34. celiac, 35. tissue, 36. biology, 37. dimension

38. ex\_\_\_\_\_e our options      *v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
39. 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.)
40. sma\_\_\_\_\_ne addict      *n.* a mobile phone that functions as a computer and connects to the Internet
41. li\_\_\_\_\_r trend      *adj.* of, relating to, or consisting of lines or length; able to be expressed as a straight line, especially on a graph
42. am\_\_o compound      *n.* compounds and functional groups that contain a basic nitrogen atom with a lone pair (NH<sub>2</sub>) that combine to make protein
43. sc\_\_\_\_\_h my signature      *v.* to cut or damage the surface of something or the skin with a sharp or pointed object
44. chemical ad\_\_\_\_\_on      *n.* the act or process of adding something to something else; the process of adding numbers
45. tense piano st\_\_\_\_\_gs      *n.* long, thin material used for tying things together, composed of several twisted threads
46. abnormal hem\_\_\_\_\_in      *n.* a protein-based molecule found in red blood cells that transports oxygen throughout the body

ANSWERS: 38. explore, 39. vaccine, 40. smartphone, 41. linear, 42. amino, 43. scratch, 44. addition, 45. string, 46. hemoglobin

47. sp\_\_\_\_y an option *v.* to explain or state something clearly and exactly
48. special de\_\_\_\_ry *n.* the act of taking or sending something to a destination; the bringing of a baby during childbirth
49. 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
50. estimate pr\_\_\_\_e costs *adj.* sharply exact or accurate or delimited
51. b\_\_d old letters into a bundle *v.* to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly
52. at\_\_\_\_t attention *v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones
53. com\_\_\_\_te well with my advisor *v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
54. gl\_\_\_\_n intolerance *n.* a protein found in wheat, barley, and rye that is responsible for the elastic texture of the dough
55. sma\_\_\_\_ne app developer *n.* a mobile phone that functions as a computer and connects to the Internet
56. the ec\_\_\_\_y of the island *n.* the study of the relationships between living organisms, including humans, and their physical environment

ANSWERS: 47. specify, 48. delivery, 49. bacteria, 50. precise, 51. bind, 52. attract, 53. communicate, 54. gluten, 55. smartphone, 56. ecology



66. anthropology lab\_\_\_\_\_ry *n.* a workplace for doing scientific research or teaching science; a lab
67. po\_\_\_\_\_e the thread *v.* to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals
68. a gr\_\_d meal *adj.* important and large in size, scope, or extent
69. par\_\_\_\_\_te in the program *v.* to take part in something
70. become ess\_\_\_\_\_ly same *adv.* relating to the essential features or concepts of anything
71. br\_\_\_\_\_e brush *n.* a stiff, short hair on a mammal's skin or a natural or artificial brush; a stiff, sharp point on a plant such as a thorn or a prickle; (verb) to react defensively to something; to stand up stiffly and be rigid
72. detect a vi\_\_l code *adj.* relating to or caused by a virus
73. environmental det\_\_\_\_\_nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
74. au\_\_\_\_\_us stunt *adj.* showing a willingness to take bold risks or to do something that is considered unconventional or daring; marked by originality, creativity, or boldness
75. 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

ANSWERS: 66. laboratory, 67. pollute, 68. grand, 69. participate, 70. essentially, 71. bristle, 72. viral, 73. determinant, 74. audacious, 75. protein

76. rem\_\_\_\_\_le achievement *adj.* worthy of attention because unusual or special
77. a meteorological sa\_\_\_\_\_te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
78. worst ima\_\_\_\_\_le case *adj.* capable of being imagined
79. tec\_\_\_\_\_cal advancement *adj.* based on scientific and industrial progress
80. 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
81. s\_\_k road *n.* a fine, strong, soft, lustrous fiber produced by silkworms in making cocoons and collected to make thread and fabric
82. co\_\_\_\_\_ct law *n.* a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law
83. do l\_\_g transplantation *n.* either of the two organs in the chest that people and some animals use for breathing
84. a ch\_\_\_\_\_al compound *adj.* relating to or connected with chemistry;
85. 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: 76. remarkable, 77. satellite, 78. imaginable, 79. technological, 80. immune, 81. silk, 82. contract, 83. lung, 84. chemical, 85. function

86. an easy de\_\_\_\_ry *n.* the act of taking or sending something to a destination; the bringing of a baby during childbirth
87. in\_\_\_\_e him to write a novel *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
88. li\_\_\_\_me ban from the sport *n.* the duration of someone's life or something's existence;
89. raw ta\_\_\_\_t *n.* a natural ability to be good at something; someone who has a natural ability to be good at something
90. l\_\_\_\_g capacity *n.* either of the two organs in the chest that people and some animals use for breathing
91. br\_\_\_\_e with anger *n.* a stiff, short hair on a mammal's skin or a natural or artificial brush; a stiff, sharp point on a plant such as a thorn or a prickle; (verb) to react defensively to something; to stand up stiffly and be rigid
92. an egg sh\_\_l *n.* hard outer covering or case of eggs, nuts, some seeds, and some animals
93. ad\_\_\_\_e the technology *v.* to go or move forward; to develop in a positive way
94. b\_\_p up prices *v.* to hit or knock against something hard, often with a dull sound; to meet with by accident
95. a person of diverse ta\_\_\_\_ts *n.* a natural ability to be good at something; someone who has a natural ability to be good at something

ANSWERS: 86. delivery, 87. inspire, 88. lifetime, 89. talent, 90. lung, 91. bristle, 92. shell, 93. advance, 94. bump, 95. talent



96. acc\_\_\_\_\_te a chemical reaction      *v.* to make something faster or earlier; to cause to develop or progress more quickly
97. 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
98. an\_\_\_\_\_or language      *n.* a person from whom one is descended; a forefather
99. sy\_\_\_\_\_ic fertilizer      *adj.* made by combining chemical substances as opposed to being naturally occurring
100. 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
101. easily ima\_\_\_\_\_le      *adj.* capable of being imagined
102. in my ca\_\_\_\_d opinion      *adj.* honest, straightforward, and frank in someone's words or actions
103. small mo\_\_\_\_\_les      *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
104. thin-and-light la\_\_\_\_p      *n.* a portable computer that is small enough to be carried around easily and used on your lap

ANSWERS: 96. accelerate, 97. function, 98. ancestor, 99. synthetic, 100. fin, 101. imaginable, 102. candid, 103. molecule, 104. laptop

105. ca\_\_\_d conversation *adj.* honest, straightforward, and frank in someone's words or actions
106. fun\_\_\_\_\_al rights *adj.* forming an essential base or core from which everything else develops or is affected
107. a numerator in a fr\_\_\_\_\_on *n.* a small part or item forming a piece of a whole; the quotient of two rational numbers
108. stripes cha\_\_\_\_\_tic of the zebra *n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
109. f\_\_e blows *n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat
110. tra\_\_\_\_\_or circuit *n.* a semiconductor device that can be used to amplify or switch electronic signals and power which is an essential component in modern electronics
111. proper su\_\_\_\_t *n.* a set of things that are contained within another larger set; a portion or division of a group or category
112. col\_\_\_\_\_te on a press release *v.* to work with someone else to produce or achieve something
113. 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: 105. candid, 106. fundamental, 107. fraction, 108. characteristic, 109. fuse, 110. transistor, 111. subset, 112. collaborate, 113. neuron

114. lack of ox\_\_\_n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
115. su\_\_\_t selection *n.* a set of things that are contained within another larger set; a portion or division of a group or category
116. pr\_\_\_\_\_le of treatment *n.* a fundamental law or truth that explains or controls how something happens or works
117. ty\_\_\_\_\_l leader *adj.* having the usual characteristics or traits of a specific group of things
118. antibiotic med\_\_\_\_\_on *n.* a drug or other form of medicine that treats, prevents, or alleviates the symptoms of the disease
119. help di\_\_\_t food *v.* to transform food into absorbable substances; break down
120. ex\_\_\_\_\_ng football player *adj.* causing a lot of interest or excitement
121. a GPS sa\_\_\_\_\_te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
122. st\_\_\_\_\_ng therapy *n.* a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation

ANSWERS: 114. oxygen, 115. subset, 116. principle, 117. typical, 118. medication, 119. digest, 120. exciting, 121. satellite, 122. stimming

123. ex\_\_\_\_\_e the world *v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
124. gr\_\_d bargain *adj.* important and large in size, scope, or extent
125. principles of un\_\_\_\_\_al design *adj.* existing or affecting everywhere or everyone
126. 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
127. in\_\_\_\_t food *n.* a baby or very young child
128. dis\_\_\_\_\_sh these two things *v.* to notice or understand the difference between two people or things
129. che\_\_\_\_\_apy side effects *n.* the treatment of disease, particularly cancer, using special drugs that have a toxic effect on cancer cells; frequently used in conjunction with other therapies such as surgery and radiation
130. inn\_\_\_\_\_on leader *n.* the creation of a new device or process resulting from study and experimentation
131. st\_\_\_\_\_h virus *n.* the internal organ in the body where food is digested, situated in the abdomen; the part of the body below the chest that contains the stomach

ANSWERS: 123. explore, 124. grand, 125. universal, 126. process, 127. infant, 128. distinguish, 129. chemotherapy, 130. innovation, 131. stomach

132. in\_\_\_t daughter *n.* a baby or very young child
133. tr\_\_\_\_\_te the emotion to a movement *v.* to convert or change words into another language
134. a st\_\_\_n of bacillus *n.* a force or pressure that stretches or pulls something, sometimes causing damage; (biology) a group of organisms within a species that differ in trivial ways from similar groups
135. the ab\_\_\_\_\_e divers *n.* a type of marine mollusk or sea snail that is highly valued for its meat and attractive, iridescent shell, which is often used for decorative or jewelry-making purposes
136. aut\_\_\_\_\_ne disorder *adj.* relating to a condition in which the body's immune system attacks and destroys healthy body tissue, mistaking it for harmful foreign substances
137. am\_\_\_\_\_g advances *adj.* extremely surprising, especially in a way that you like or admire
138. anti-te\_\_\_\_\_sm bill *n.* the use of violence to attain political or religious goals or to compel a government to act
139. ca\_\_\_r research *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
140. the\_\_\_\_\_ic administration *adj.* relating to or involved in the treatment of illness or injury

ANSWERS: 132. infant, 133. translate, 134. strain, 135. abalone, 136. autoimmune, 137. amazing, 138. terrorism, 139. cancer, 140. therapeutic

141. fun\_\_\_\_\_al education *adj.* forming an essential base or core from which everything else develops or is affected
142. pulse la\_\_r *n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
143. 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.)
144. a strain of vi\_\_s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
145. an int\_\_\_\_\_al walk *adj.* done, made or performed with purpose and intent
146. chaotic env\_\_\_\_\_nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
147. a det\_\_\_\_\_nt of crop yields *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
148. 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
149. evolutionary bi\_\_\_\_\_y *n.* the scientific study of life and the natural processes of living things

ANSWERS: 141. fundamental, 142. laser, 143. vaccine, 144. virus, 145. intentional, 146. environment, 147. determinant, 148. structure, 149. biology

150. ev\_\_\_e over the past decade      *v.* to develop gradually, or to cause the development of something or someone gradually
151. col\_\_\_\_\_te with the police      *v.* to work with someone else to produce or achieve something
152. co\_\_\_\_\_e the value      *v.* to make a mathematical calculation
153. en\_\_\_e information      *v.* to convert information into a code or format suitable for storage or transmission
154. un\_\_\_\_\_al life      *adj.* existing or affecting everywhere or everyone
155. 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
156. the br\_\_d of the new car      *n.* a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning
157. ca\_\_\_r diagnosis      *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
158. lower infant mo\_\_\_\_\_ty      *n.* the quality or state of being subject to death
159. the pa\_\_\_\_\_en in the air      *n.* a bacterium, virus, or other microorganism that causes disease

ANSWERS: 150. evolve, 151. collaborate, 152. compute, 153. encode, 154. universal, 155. immune, 156. brand, 157. cancer, 158. mortality, 159. pathogen

160. bl\_\_t criticism *adj.* having a dull or rounded edge or point; not sharp; straightforward in speech or manner, often to the point of being rude or insensitive
161. dis\_\_\_\_\_te wealth evenly *v.* to give something to a large number of individuals, or to spread or furnish something
162. alleviate res\_\_\_\_\_ry ailments *adj.* relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air
163. 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
164. en\_\_\_\_\_er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
165. ev\_\_\_e *v.* to develop gradually, or to cause the development of something or someone gradually
166. di\_\_\_\_\_l electronic signature *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
167. sp\_\_\_\_\_y a cause *v.* to explain or state something clearly and exactly
168. en\_\_\_e data *v.* to convert information into a code or format suitable for storage or transmission

ANSWERS: 160. blunt, 161. distribute, 162. respiratory, 163. bacteria, 164. engineer, 165. evolve, 166. digital, 167. specify, 168. encode



169. com\_\_\_\_\_te his anxieties to the psychiatrist  
*v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
170. the se\_\_\_\_\_ce of the seasons  
*n.* a series of related events, actions, numbers, etc., which have a particular order
171. st\_\_\_\_\_te the economy  
*v.* to encourage something to develop or become more active; to stir the feelings or emotions
172. th\_\_\_\_\_y for a patient  
*n.* the act of caring for someone through medication, remedial training, etc.
173. spread of the vi\_\_s  
*n.* a tiny infectious organic material that causes disease in people, animals, and plants
174. gl\_\_\_n-free diets  
*n.* a protein found in wheat, barley, and rye that is responsible for the elastic texture of the dough
175. st\_\_\_\_\_te the nervous system  
*v.* to encourage something to develop or become more active; to stir the feelings or emotions
176. in\_\_\_\_\_za B strain  
*n.* (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics
177. risk of ch\_\_\_\_\_c disease  
*adj.* being long-lasting and recurrent or characterized by long suffering; habitual
178. botanical ex\_\_\_\_\_t  
*n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force

ANSWERS: 169. communicate, 170. sequence, 171. stimulate, 172. therapy, 173. virus, 174. gluten, 175. stimulate, 176. influenza, 177. chronic, 178. extract

179. en\_\_\_\_\_ic density *adj.* possessing or exerting or displaying energy
180. toxic ch\_\_\_\_\_als *adj.* relating to or connected with chemistry;
181. cal\_\_\_\_\_on of loss and gain *n.* the act or process of using numbers to judge an amount of something
182. put a ha\_\_\_\_\_s on my pet *v.* to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object
183. pr\_\_\_\_\_e analyses *adj.* sharply exact or accurate or delimited
184. a worldwide ep\_\_\_\_\_ic *n.* the widespread outbreak of a particular disease in a large number of people at the same time
185. science of ec\_\_\_\_\_y *n.* the study of the relationships between living organisms, including humans, and their physical environment
186. un\_\_\_\_\_r the truth *v.* to remove the cover from something; to discover something previously unseen or hidden
187. ch\_\_\_\_\_c alcohol consumption *adj.* being long-lasting and recurrent or characterized by long suffering; habitual
188. a mollusk sh\_\_\_l *n.* hard outer covering or case of eggs, nuts, some seeds, and some animals
189. s\_\_k fabric *n.* a fine, strong, soft, lustrous fiber produced by silkworms in making cocoons and collected to make thread and fabric

ANSWERS: 179. energetic, 180. chemical, 181. calculation, 182. harness, 183. precise, 184. epidemic, 185. ecology, 186. uncover, 187. chronic, 188. shell, 189. silk

190. the files are in complete di\_\_\_\_\_er     *n.* an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions
191. en\_\_\_\_\_us amount     *adj.* extremely large or great
192. an epidemic outbreak of in\_\_\_\_\_za     *n.* (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics
193. ex\_\_\_e rebellion     *v.* to make someone feel suddenly enthusiastic or eager
194. bring my la\_\_\_p     *n.* a portable computer that is small enough to be carried around easily and used on your lap
195. cutting-edge inn\_\_\_\_\_on     *n.* the creation of a new device or process resulting from study and experimentation
196. ess\_\_\_\_\_ly correct     *adv.* relating to the essential features or concepts of anything
197. sy\_\_\_\_\_ic fiber     *adj.* made by combining chemical substances as opposed to being naturally occurring
198. ex\_\_\_e the crowd     *v.* to make someone feel suddenly enthusiastic or eager
199. retie the st\_\_\_g and make it strong     *n.* long, thin material used for tying things together, composed of several twisted threads
200. new di\_\_\_\_\_on     *n.* a measurable extent of a particular kind, such as width, height, or length

ANSWERS: 190. disorder, 191. enormous, 192. influenza, 193. excite, 194. laptop, 195. innovation, 196. essentially, 197. synthetic, 198. excite, 199. string, 200. dimension

201. sequencing of the human ge\_\_\_e      *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
202. bl\_\_t force      *adj.* having a dull or rounded edge or point; not sharp; straightforward in speech or manner, often to the point of being rude or insensitive
203. di\_\_\_t information      *v.* to transform food into absorbable substances; break down
204. res\_\_\_\_\_le for a customer service      *adj.* answerable or accountable for something within one's power, control, or management
205. su\_\_\_d for the job      *adj.* appropriate, fitting, or acceptable for a particular purpose or occasion; matched or corresponding to a specific person, dress, or circumstances
206. increase sl\_\_\_\_\_ly      *adv.* in a small degree or extent; a little
207. res\_\_\_\_\_ry failure      *adj.* relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air
208. a brief ex\_\_\_\_\_t from the book      *n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force
209. ge\_\_\_e analyses      *n.* the complete set or sequence of genes of a human, animal, plant, or other living things

ANSWERS: 201. genome, 202. blunt, 203. digest, 204. responsible, 205. suited, 206. slightly, 207. respiratory, 208. extract, 209. genome

210. ad\_\_t a bill *v.* to choose to follow something; to legally take a child from another family and care for them as if they were one's own
211. med\_\_\_\_\_on by mouth *n.* a drug or other form of medicine that treats, prevents, or alleviates the symptoms of the disease
212. the hydrogen binds the ox\_\_\_n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
213. com\_\_\_\_\_ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
214. a person of di\_\_\_e talents *adj.* including numerous categories of individuals or entities; various
215. people with bipolar di\_\_\_er *n.* an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions
216. 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
217. an a\_\_d reaction *n.* sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials
218. co\_\_\_\_\_e an average score *v.* to make a mathematical calculation
219. a li\_\_\_r equation *adj.* of, relating to, or consisting of lines or length; able to be expressed as a straight line, especially on a graph

ANSWERS: 210. adopt, 211. medication, 212. oxygen, 213. complexity, 214. diverse, 215. disorder, 216. planet, 217. acid, 218. compute, 219. linear

220. pos\_\_\_\_\_ty for growth *n.* a chance that something may happen or be true
221. bre\_\_\_\_\_ugh in the negotiations *n.* a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem
222. li\_\_\_\_\_me benefits *n.* the duration of someone's life or something's existence;
223. lingual di\_\_\_\_\_ty *n.* the quality or fact of many different types of things or people being included in something; a range of different things or people
224. ch\_\_n reaction *n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
225. tu\_\_r growth *n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
226. An\_\_\_\_\_d tablet *n.* a robot with a human appearance; (operating system) Google's mobile operating system
227. pr\_\_\_\_\_le in business *n.* a fundamental law or truth that explains or controls how something happens or works
228. st\_\_k a key in a lock *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material

ANSWERS: 220. possibility, 221. breakthrough, 222. lifetime, 223. diversity, 224. chain, 225. tumor, 226. android, 227. principle, 228. stick

229. la\_\_r printer *n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
230. ad\_\_\_\_\_e a cooperative relationship *v.* to go or move forward; to develop in a positive way
231. loss of muscle ti\_\_\_e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
232. a civil en\_\_\_\_\_er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
233. v\_\_t desert *adj.* enormous in size, number, amount, or quantity
234. aer\_\_\_\_\_ics research *n.* the study of the motion of air, particularly its interaction with solid objects moving through it, such as aircraft or cars
235. my friend's cha\_\_\_\_\_tic laugh *n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
236. res\_\_\_\_\_le action *adj.* answerable or accountable for something within one's power, control, or management
237. letters of an al\_\_\_\_\_et *n.* a character set that includes letters and is used to write a language
238. un\_\_\_\_\_r a potential problem *v.* to remove the cover from something; to discover something previously unseen or hidden

ANSWERS: 229. laser, 230. advance, 231. tissue, 232. engineer, 233. vast, 234. aerodynamics, 235. characteristic, 236. responsible, 237. alphabet, 238. uncover

239. lab\_\_\_\_\_ry accident *n.* a workplace for doing scientific research or teaching science; a lab
240. upset st\_\_\_\_\_h *n.* the internal organ in the body where food is digested, situated in the abdomen; the part of the body below the chest that contains the stomach
241. 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
242. the most am\_\_\_\_\_g feeling *adj.* extremely surprising, especially in a way that you like or admire
243. at\_\_\_\_\_t customers *v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones
244. 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
245. insulin aut\_\_\_\_\_ne syndrome *adj.* relating to a condition in which the body's immune system attacks and destroys healthy body tissue, mistaking it for harmful foreign substances
246. supply ch\_\_\_n *n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
247. traditional me\_\_\_\_\_al *adj.* of or relating to the treatment or cure of disease

ANSWERS: 239. laboratory, 240. stomach, 241. structure, 242. amazing, 243. attract, 244. neuron, 245. autoimmune, 246. chain, 247. medicinal



248. hem\_\_\_\_\_in level *n.* a protein-based molecule found in red blood cells that transports oxygen throughout the body
249. health ep\_\_\_\_\_ic *n.* the widespread outbreak of a particular disease in a large number of people at the same time
250. research in\_\_\_\_\_tes *n.* an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something
251. an al\_\_\_\_\_et of manual signs *n.* a character set that includes letters and is used to write a language
252. bre\_\_\_\_\_ugh discovery *n.* a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem
253. 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
254. fight vi\_\_l infections *adj.* relating to or caused by a virus
255. tu\_\_r at remote sites *n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
256. musical ins\_\_\_\_\_nts *n.* an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work

ANSWERS: 248. hemoglobin, 249. epidemic, 250. institute, 251. alphabet, 252. breakthrough, 253. planet, 254. viral, 255. tumor, 256. instrument

257. a fr\_\_\_\_onal share of the vote      *n.*    a small part or item forming a piece of a whole; the quotient of two rational numbers
258. par\_\_\_\_te fully in conversation      *v.*    to take part in something
259. pos\_\_\_\_ty of a major earthquake      *n.*    a chance that something may happen or be true
260. env\_\_\_\_nt affairs      *n.*    the natural world such as air, water, and land in which humans, animals, and plants live
261. di\_\_\_\_e prevention      *n.*    a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
262. a house with m\_d cons      *n.*    a modification or alteration, typically one made to improve something or increase its functionality; a British teenager or young adult in the 1960s, noted for their clothes consciousness and opposition to the rockers
263. protein sy\_\_\_\_is inhibitor      *n.*    the combination of components or elements to form a more complex whole; the creation of something new through combining parts or elements
264. dis\_\_\_\_te video content      *v.*    to give something to a large number of individuals, or to spread or furnish something
265. neutral hydrogen a\_\_ms      *n.*    the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus

ANSWERS: 257. fraction, 258. participate, 259. possibility, 260. environment, 261. disease, 262. mod, 263. synthesis, 264. distribute, 265. atom

266. in\_\_\_\_\_e a feeling of curiosity      *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
267. ad\_\_t a child      *v.* to choose to follow something; to legally take a child from another family and care for them as if they were one's own
268. 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
269. earliest human an\_\_\_\_\_or      *n.* a person from whom one is descended; a forefather
270. f\_\_e with one another      *n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat
271. mo\_\_\_\_\_le behavior      *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
272. create a br\_\_d logo      *n.* a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning
273. a political rev\_\_\_\_\_on      *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;

ANSWERS: 266. inspire, 267. adopt, 268. process, 269. ancestor, 270. fuse, 271. molecule, 272. brand, 273. revolution

274. en\_\_\_\_\_ic dog *adj.* possessing or exerting or displaying energy
275. v\_\_t majority *adj.* enormous in size, number, amount, or quantity
276. field of gene th\_\_\_\_\_y *n.* the act of caring for someone through medication, remedial training, etc.
277. bombs fell at ra\_\_\_\_\_m *adj.* made, done, or happening without method, conscious decision, or any regular pattern
278. pa\_\_\_\_\_le energy *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
279. a di\_\_\_\_\_l watch *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
280. sy\_\_\_\_\_is of ammonia *n.* the combination of components or elements to form a more complex whole; the creation of something new through combining parts or elements
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
282. st\_\_\_\_n our eyes *n.* a force or pressure that stretches or pulls something, sometimes causing damage; (biology) a group of organisms within a species that differ in trivial ways from similar groups

ANSWERS: 274. energetic, 275. vast, 276. therapy, 277. random, 278. particle, 279. digital, 280. synthesis, 281. protein, 282. strain

283. theory of com\_\_\_\_\_on                    *n.*    the act or process of calculating something, especially an answer or amount, by using a machine or calculator
284. back f\_n                                    *n.*    a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance
285. m\_d culture                                *n.*    a modification or alteration, typically one made to improve something or increase its functionality; a British teenager or young adult in the 1960s, noted for their clothes consciousness and opposition to the rockers
286. autistic st\_\_\_\_\_ng                    *n.*    a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation
287. the DNA se\_\_\_\_\_ce                    *n.*    a series of related events, actions, numbers, etc., which have a particular order
288. a ra\_\_\_\_m choice                        *adj.* made, done, or happening without method, conscious decision, or any regular pattern
289. beginning of the industrial  
      rev\_\_\_\_\_on                                *n.*    a large-scale attempt to overthrow the government of a country, often using violence or war;
290. make a cal\_\_\_\_\_on                    *n.*    the act or process of using numbers to judge an amount of something

ANSWERS: 283. computation, 284. fin, 285. mod, 286. stimming, 287. sequence, 288. random, 289. revolution, 290. calculation

291. int\_\_\_\_\_al destruction of evidence     *adj.* done, made or performed with purpose and intent
292. te\_\_\_\_\_sm against civilians     *n.* the use of violence to attain political or religious goals or to compel a government to act
293. the rem\_\_\_\_\_le breadth of knowledge     *adj.* worthy of attention because unusual or special
294. b\_\_p against a wall     *v.* to hit or knock against something hard, often with a dull sound; to meet with by accident
295. human ev\_\_\_\_\_on     *n.* a gradual process of transformation of living things
296. sl\_\_\_\_\_ly alkaline soils     *adv.* in a small degree or extent; a little
297. surgical ins\_\_\_\_\_nts     *n.* an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work
298. ce\_\_\_c artery     *n.* relating to a condition in which the body's immune system reacts to gluten, a protein found in wheat, barley, and rye; of or in or belonging to the cavity of the abdomen

ANSWERS: 291. intentional, 292. terrorism, 293. remarkable, 294. bump, 295. evolution, 296. slightly, 297. instrument, 298. celiac

## Session 3: Fill in the Blanks

1. The researcher demonstrated the superiority of quantum \_\_\_\_\_ in several mathematical tasks.
  - n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator
  
2. 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
  
3. The \_\_\_\_\_ of getting the disease will drastically increase.
  - n.* a chance that something may happen or be true
  
4. This disease has a high \_\_\_\_\_.
  - n.* the quality or state of being subject to death
  
5. The news of her promotion \_\_\_\_\_ her.
  - v.* to make someone feel suddenly enthusiastic or eager
  
6. You can \_\_\_\_\_ the font color by clicking the Color tab.
  - v.* to explain or state something clearly and exactly
  
7. \_\_\_\_\_ diamonds play an essential role as machine tool blades.
  - adj.* made by combining chemical substances as opposed to being naturally occurring
  
8. We should do our best not to \_\_\_\_\_ the environment.
  - v.* to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals

ANSWERS: 1. computation, 2. bumped, 3. possibility, 4. mortality, 5. excited, 6. specify, 7. Synthetic, 8. pollute

9. The passenger grabbed for the \_\_\_\_\_ mask.
- n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
10. The \_\_\_\_\_ gene mutation can cause genetic disorders such as sickle cell disease.
- n.* a protein-based molecule found in red blood cells that transports oxygen throughout the body
11. The government tried to \_\_\_\_\_ the commercialization of this development.
- v.* to make something faster or earlier; to cause to develop or progress more quickly
12. The \_\_\_\_\_ will repair my telephone tomorrow morning.
- n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
13. The outermost electron \_\_\_\_\_ determines the chemical properties of an atom.
- n.* hard outer covering or case of eggs, nuts, some seeds, and some animals
14. 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
15. 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.)

ANSWERS: 9. oxygen, 10. hemoglobin, 11. accelerate, 12. engineer, 13. shell, 14. fins, 15. vaccine



16. The vegetarian burger was an \_\_\_\_\_ that quickly spread to the United Kingdom.
- n.* the creation of a new device or process resulting from study and experimentation
17. Bananas have their \_\_\_\_\_ taste and odor.
- n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
18. The project's \_\_\_\_\_ made it difficult for the team to complete it on time.
- n.* the state or quality of being complicated or intricate and difficult to understand
19. The \_\_\_\_\_ properties of this herb have been known to help with various ailments.
- adj.* of or relating to the treatment or cure of disease
20. She agreed to \_\_\_\_\_ with him in creating new artwork.
- v.* to work with someone else to produce or achieve something
21. Shakespeare's output of poetry was \_\_\_\_\_.
- adj.* extremely large or great
22. The invention of the \_\_\_\_\_ revolutionized the field of electronics.
- n.* a semiconductor device that can be used to amplify or switch electronic signals and power which is an essential component in modern electronics
23. The picture earned near-\_\_\_\_\_ acclaim from critics.
- adj.* existing or affecting everywhere or everyone

ANSWERS: 16. innovation, 17. characteristic, 18. complexity, 19. medicinal, 20. collaborate, 21. enormous, 22. transistor, 23. universal

24. During pregnancy, the stomach generates less \_\_\_\_\_ than usual.
- n.* sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials
25. The company's rules \_\_\_\_\_ the employee's working hours.
- v.* to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly
26. The lab is developing an \_\_\_\_\_ robot that assists in dangerous construction work.
- n.* a robot with a human appearance; (operating system) Google's mobile operating system
27. She's a \_\_\_\_\_ pet owner who ensures her dog gets enough exercise and a healthy diet.
- adj.* answerable or accountable for something within one's power, control, or management
28. Yoga is known to have \_\_\_\_\_ benefits for the mind and body.
- adj.* relating to or involved in the treatment of illness or injury
29. She was wearing a beautiful necklace made from an \_\_\_\_\_ shell.
- n.* a type of marine mollusk or sea snail that is highly valued for its meat and attractive, iridescent shell, which is often used for decorative or jewelry-making purposes
30. I underwent aversion \_\_\_\_\_ for my addiction to alcohol.
- n.* the act of caring for someone through medication, remedial training, etc.

ANSWERS: 24. acid, 25. bind, 26. android, 27. responsible, 28. therapeutic, 29. abalone, 30. therapy

31. We \_\_\_\_ for an overseas expansion.

*v.* to try or plan to get or achieve something

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

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

33. The national assembly has \_\_\_\_\_ the budget.

*v.* to choose to follow something; to legally take a child from another family and care for them as if they were one's own

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

*adj.* relating to or connected with chemistry;

35. New York is a city with a \_\_\_\_\_ ethnic population.

*adj.* including numerous categories of individuals or entities; various

36. This is the only \_\_\_\_\_ strategy.

*adj.* capable of being imagined

37. People tend to make \_\_\_\_\_ predictions.

*adj.* of, relating to, or consisting of lines or length; able to be expressed as a straight line, especially on a graph

38. This device can more accurately detect \_\_\_\_\_ pathogens.

*adj.* relating to or caused by a virus

39. \_\_\_\_\_ 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

ANSWERS: 31. aim, 32. evolution, 33. adopted, 34. chemical, 35. diverse, 36. imaginable, 37. linear, 38. viral, 39. Bacteria

40. An infected person in the hospital will likely pass the \_\_\_\_\_ to others.
- n.* a tiny infectious organic material that causes disease in people, animals, and plants
41. This company was granted a patent for its \_\_\_\_\_ resin manufacturing process.
- n.* compounds and functional groups that contain a basic nitrogen atom with a lone pair (NH<sub>2</sub>) that combine to make protein
42. Mozart was an \_\_\_\_\_ prodigy.
- n.* a baby or very young child
43. The doctor diagnosed him with a rare \_\_\_\_\_ that had no known cure.
- n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
44. The company holds patents on core components of \_\_\_\_\_ jet printers.
- n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
45. One \_\_\_\_\_ of success is having a positive attitude and a strong work ethic.
- n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
46. The \_\_\_\_ for the video game added new features and improved gameplay.
- n.* a modification or alteration, typically one made to improve something or increase its functionality; a British teenager or young adult in the 1960s, noted for their clothes consciousness and opposition to the rockers
47. 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

ANSWERS: 40. virus, 41. amino, 42. infant, 43. disease, 44. laser, 45. determinant, 46. mod, 47. planet

48. People have been exploring ways to \_\_\_\_\_ natural forces and resources since ancient times.
- v.* to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object
49. The chemical \_\_\_\_\_ of the new drug was a breakthrough in medical research.
- n.* the combination of components or elements to form a more complex whole; the creation of something new through combining parts or elements
50. The disease is now reaching \_\_\_\_\_ proportions in our country.
- n.* the widespread outbreak of a particular disease in a large number of people at the same time
51. Eyeless fish \_\_\_\_\_ in dark caves.
- v.* to develop gradually, or to cause the development of something or someone gradually
52. He has terminal \_\_\_\_\_ cancer.
- n.* either of the two organs in the chest that people and some animals use for breathing
53. Efficiency isn't an essential \_\_\_\_\_ here; fairness is.
- n.* a fundamental law or truth that explains or controls how something happens or works
54. 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

ANSWERS: 48. harness, 49. synthesis, 50. epidemic, 51. evolved, 52. lung, 53. principle, 54. particles

55. This artwork is \_\_\_\_\_ of her work.

*adj.* having the usual characteristics or traits of a specific group of things

56. 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

57. You \_\_\_\_\_ a bill in the change machine, and the coins pop out.

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

58. The error in the \_\_\_\_\_ was attributable to rounding.

*n.* the act or process of using numbers to judge an amount of something

59. I have a \_\_\_\_\_ ache after overeating junk food.

*n.* the internal organ in the body where food is digested, situated in the abdomen; the part of the body below the chest that contains the stomach

60. Autistic children may engage in \_\_\_\_\_ behaviors, such as rocking or hand flapping, to self-regulate.

*n.* a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation

61. He has a short \_\_\_\_\_.

*n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat

ANSWERS: 55. typical, 56. silk, 57. stick, 58. calculation, 59. stomach, 60. stimming, 61. fuse

62. The \_\_\_\_\_ truck arrived with the packages.

*n.* the act of taking or sending something to a destination; the bringing of a baby during childbirth

63. \_\_\_\_\_ hyperglycemia is a trigger for a variety of serious diseases.

*adj.* being long-lasting and recurrent or characterized by long suffering; habitual

64. A technique called deep learning has led to \_\_\_\_\_ in AI.

*n.* a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem

65. The \_\_\_\_\_ knife made it difficult to cut through the tough steak.

*adj.* having a dull or rounded edge or point; not sharp; straightforward in speech or manner, often to the point of being rude or insensitive

66. The findings of the experiment were both \_\_\_\_\_ and unexpected.

*adj.* causing a lot of interest or excitement

67. This study \_\_\_\_\_ four different ways to run a business.

*v.* to notice or understand the difference between two people or things

68. Many people with celiac disease must avoid \_\_\_\_\_ in their diet.

*n.* a protein found in wheat, barley, and rye that is responsible for the elastic texture of the dough

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

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

ANSWERS: 62. delivery, 63. Chronic, 64. breakthroughs, 65. blunt, 66. exciting, 67. distinguished, 68. gluten, 69. function

70. Sensors convert physical phenomena into \_\_\_\_\_ signals.

*adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

71. The management must \_\_\_\_\_ strategies to increase office security.

*v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it

72. The law distinguishes between accidental and \_\_\_\_\_ killing.

*adj.* done, made or performed with purpose and intent

73. This region has many \_\_\_\_\_ offering higher education.

*n.* an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something

74. 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

75. The book \_\_\_\_\_ my imagination.

*v.* to encourage something to develop or become more active; to stir the feelings or emotions

76. The human \_\_\_\_\_ contains approximately three billion chemical base pairs.

*n.* the complete set or sequence of genes of a human, animal, plant, or other living things

77. \_\_\_\_\_ a society is an organism.

*adv.* relating to the essential features or concepts of anything

ANSWERS: 70. digital, 71. explore, 72. intentional, 73. institutes, 74. environment, 75. stimulated, 76. genome, 77. Essentially,



78. Many companies are now enthusiastically embracing the knowledge of \_\_\_\_\_ for sustainable development.
- n.* the study of the relationships between living organisms, including humans, and their physical environment
79. Democracy is utterly opposed to any form of \_\_\_\_\_.
- n.* the use of violence to attain political or religious goals or to compel a government to act
80. The golfer recorded an \_\_\_\_\_ distance.
- adj.* extremely surprising, especially in a way that you like or admire
81. 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
82. Human behavior has \_\_\_\_\_ characteristics.
- adj.* forming an essential base or core from which everything else develops or is affected
83. The \_\_\_\_\_ of the car allowed it to glide smoothly through the air.
- n.* the study of the motion of air, particularly its interaction with solid objects moving through it, such as aircraft or cars
84. Don't \_\_\_\_\_ your mosquito bites.
- v.* to cut or damage the surface of something or the skin with a sharp or pointed object

ANSWERS: 78. ecology, 79. terrorism, 80. amazing, 81. process, 82. fundamental, 83. aerodynamics, 84. scratch

85. The patient was diagnosed with a \_\_\_\_\_ in her lung.  
*n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
86. His estate was \_\_\_\_\_ to his sons.  
*v.* to give something to a large number of individuals, or to spread or furnish something
87. Most babies can readily \_\_\_\_\_ a wide variety of foods.  
*v.* to transform food into absorbable substances; break down
88. The \_\_\_\_\_ photography captured the genuine emotions of the moment.  
*adj.* honest, straightforward, and frank in someone's words or actions
89. The job offer was perfectly \_\_\_\_\_ to her skills and experience.  
*adj.* appropriate, fitting, or acceptable for a particular purpose or occasion; matched or corresponding to a specific person, dress, or circumstances
90. The research institute allocated a lot of money to study the cause and prevention of \_\_\_\_\_.  
*n.* (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics
91. The majority of students actively \_\_\_\_\_ in the college's intramural sports program.  
*v.* to take part in something
92. Many cancer patients undergo \_\_\_\_\_ as a treatment option.  
*n.* the treatment of disease, particularly cancer, using special drugs that have a toxic effect on cancer cells; frequently used in conjunction with other therapies such as surgery and radiation

ANSWERS: 85. tumor, 86. distributed, 87. digest, 88. candid, 89. suited, 90. influenza, 91. participated, 92. chemotherapy

93. Numerous great professional sports \_\_\_\_\_ have come from this city.
- n.* a natural ability to be good at something; someone who has a natural ability to be good at something
94. The researcher separated the nervous \_\_\_\_\_ for microscopic examinations.
- n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
95. Launching an artificial \_\_\_\_\_ contributed to the technological development of our country.
- n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
96. Animal protection groups call for an end to animal testing in a \_\_\_\_\_.
- n.* a workplace for doing scientific research or teaching science; a lab
97. The government is eager to \_\_\_\_\_ international investment.
- v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones
98. Dictators of the past often had the erroneous idea of a pure racial \_\_\_\_\_.
- n.* a force or pressure that stretches or pulls something, sometimes causing damage; (biology) a group of organisms within a species that differ in trivial ways from similar groups
99. The software can \_\_\_\_\_ and decode encrypted messages.
- v.* to convert information into a code or format suitable for storage or transmission
100. mRNA vaccines are approved faster because they do not contain inactivated \_\_\_\_\_.
- n.* a bacterium, virus, or other microorganism that causes disease

ANSWERS: 93. talents, 94. tissue, 95. satellite, 96. laboratory, 97. attract, 98. strain, 99. encode, 100. pathogens

101. The doctor prescribed some medicine for the mental \_\_\_\_\_.

- n.* an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions

102. There's a new \_\_\_\_\_ of hero in the movies now.

- n.* a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning

103. My remote \_\_\_\_\_ immigrated to the United States from Ireland in the 1800s.

- n.* a person from whom one is descended; a forefather

104. \_\_\_\_\_ advances have disrupted many industries.

- adj.* based on scientific and industrial progress

105. His \_\_\_\_\_ disorder required him to follow a strict gluten-free diet.

- n.* relating to a condition in which the body's immune system reacts to gluten, a protein found in wheat, barley, and rye; of or in or belonging to the cavity of the abdomen

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 content is \_\_\_\_\_ and informative for me.

- adj.* sharply exact or accurate or delimited

108. 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

ANSWERS: 101. disorder, 102. brand, 103. ancestor, 104. Technological, 105. celiac, 106. protein, 107. precise, 108. molecule

109. He strove to memorize the Hebrew \_\_\_\_\_.

*n.* a character set that includes letters and is used to write a language

110. This electronic \_\_\_\_\_ is required to undergo periodic inspections to ensure precision.

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

111. The outermost electron shell of an \_\_\_\_\_ determines its chemical characteristics.

*n.* the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus

112. Breast \_\_\_\_\_ is the most common type of cancer in women.

*n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

113. I need to finish this report by tonight, so I'll be working on my \_\_\_\_\_ all day.

*n.* a portable computer that is small enough to be carried around easily and used on your lap

114. Dolphins use sound to \_\_\_\_\_ with each other.

*v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals

115. He moved his body \_\_\_\_\_ to the left.

*adv.* in a small degree or extent; a little

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

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

ANSWERS: 109. alphabet, 110. instrument, 111. atom, 112. cancer, 113. laptop, 114. communicate, 115. slightly, 116. extracting

117. He continued his investigation and soon \_\_\_\_\_ another crime.
- v.* to remove the cover from something; to discover something previously unseen or hidden
118. We do move forward with those tasks in \_\_\_\_\_ next week.
- n.* a series of related events, actions, numbers, etc., which have a particular order
119. 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
120. The \_\_\_\_\_ by the citizen resulted in a redistribution of wealth.
- n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
121. 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
122. The young entrepreneur had an \_\_\_\_\_ plan to start his own company.
- adj.* showing a willingness to take bold risks or to do something that is considered unconventional or daring; marked by originality, creativity, or boldness
123. Internet traffic volumes have increased significantly with the advent of \_\_\_\_\_.
- n.* a mobile phone that functions as a computer and connects to the Internet
124. The government promised to \_\_\_\_\_ a new system to control the financial crisis.
- v.* to put a decision, plan, or system into effect

ANSWERS: 117. uncovered, 118. sequence, 119. inspired, 120. revolution, 121. subset, 122. audacious, 123. smartphones, 124. implement

125. She is a \_\_\_\_\_ musician, able to play several instruments.

*adj.* having a natural ability or aptitude for something; showing exceptional skill or ability in a particular area

126. To find drunk drivers, police conduct \_\_\_\_\_ tests.

*adj.* made, done, or happening without method, conscious decision, or any regular pattern

127. Overall \_\_\_\_\_ are approximately 400x200mm.

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

128. He spent only a \_\_\_\_\_ of his earnings.

*n.* a small part or item forming a piece of a whole; the quotient of two rational numbers

129. 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

130. 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

131. 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

132. The presence of certain substances triggered the \_\_\_\_\_ response.

*adj.* relating to a condition in which the body's immune system attacks and destroys healthy body tissue, mistaking it for harmful foreign substances

ANSWERS: 125. talented, 126. random, 127. dimensions, 128. fraction, 129. immune, 130. biology, 131. structure, 132. autoimmune

133. He was impressed by the range and \_\_\_\_\_ of the collection.  
*n.* the quality or fact of many different types of things or people being included in something; a range of different things or people
134. Scientific knowledge will \_\_\_\_\_ significantly with the power of AI.  
*v.* to go or move forward; to develop in a positive way
135. This year's \_\_\_\_\_ gathering will be held in Canada.  
*adj.* important and large in size, scope, or extent
136. The pharmacist not only prescribes the \_\_\_\_\_ but also guides its proper use.  
*n.* a drug or other form of medicine that treats, prevents, or alleviates the symptoms of the disease
137. She wore a \_\_\_\_\_ of pearls around her neck.  
*n.* long, thin material used for tying things together, composed of several twisted threads
138. Chronic \_\_\_\_\_ disorders, such as asthma, can significantly impact a person's quality of life.  
*adj.* relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air
139. \_\_\_\_\_ the text from Italian into English.  
*v.* to convert or change words into another language
140. This process caused an \_\_\_\_\_ chemical reaction.  
*adj.* possessing or exerting or displaying energy

ANSWERS: 133. diversity, 134. advance, 135. grand, 136. medication, 137. string, 138. respiratory, 139. Translate, 140. energetic



141. 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

142. The dog's \_\_\_\_\_ on its back stood up as it growled at the mailman.

*n.* a stiff, short hair on a mammal's skin or a natural or artificial brush; a stiff, sharp point on a plant such as a thorn or a prickle; (verb) to react defensively to something; to stand up stiffly and be rigid

143. I tried to \_\_\_\_\_ the efficiency of the investment.

*v.* to make a mathematical calculation

144. The election was a \_\_\_\_\_ success for the Whigs.

*adj.* worthy of attention because unusual or special

145. A \_\_\_\_\_ audience viewed the broadcast.

*adj.* enormous in size, number, amount, or quantity

146. In \_\_\_\_\_ private corporations provide healthcare services.

*n.* the act or process of adding something to something else; the process of adding numbers

147. The company signed a \_\_\_\_\_ with the supplier for the delivery of goods.

*n.* a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law

148. 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

ANSWERS: 141. neuron, 142. bristle, 143. compute, 144. remarkable, 145. vast, 146. addition, 147. contract, 148. chain

149. She had lived through two world wars in her \_\_\_\_\_.

*n.* the duration of someone's life or something's existence;

ANSWERS: 149. lifetime