

# Englist.me



## Vocabulary Builder Reference from...

Charles Limb: Building the musical muscle | TED Talk  
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### All Words

#### IMPORTANT

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## Session 1: Word List

### probable

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

*synonym*: likely, possible, potential

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

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

### 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.

### 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.

### perspective

*n.* a confident attitude toward something; a particular style of thinking about something

*synonym*: viewpoint, standpoint, outlook

(1) a **perspective** view, (2) the **perspective** of the battle

His father's death changed his whole **perspective** on life.

## evolutionary

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

*synonym* : developmental, mutative, transformative

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

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

## luxurious

*adj.* characterized by or affording something excessively expensive; rich and comfortable

*synonym* : opulent, sumptuous, rich

(1) **luxurious** spa, (2) **luxurious** lifestyle

She was living in a **luxurious** apartment in the city.

## delicious

*adj.* exceptionally pleasing to taste or smell

*synonym* : appetizing, mouthwatering, delectable

(1) **delicious** breeze, (2) variety of **delicious** foods

We could grill the meat in a **delicious** way.

## fragrant

*adj.* having a pleasant or sweet-smelling scent; having an agreeable or strong aroma

*synonym* : aromatic, perfumed, scented

(1) **fragrant** flowers, (2) **fragrant** perfume

The **fragrant** aroma of fresh flowers filled the room.

## 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**.

## sensory

*adj.* of or relating to the physical senses

*synonym* : receptive, sensuous, neural

(1) a **sensory** organ, (2) a child with **sensory** issues

Sharks have highly developed **sensory** systems and are extremely sensitive creatures.

## restoration

*n.* the act or process of restoring or returning something to its original or former state; a renewal or revitalization of something that has been damaged or lost

*synonym* : renewal, revitalization, refurbishment

(1) teeth **restoration**, (2) ecological **restoration**

The **restoration** of the historic building took years, but the result was worth it.

## likewise

*adv.* in the same way

*synonym* : alike, correspondingly, similarly

(1) do **likewise**, (2) please revise **likewise**

He is tall and **likewise** strong.

## alarm

*n.* a loud noise or an automatic signal that warns people of danger; a device that signals the occurrence of some undesirable event or particular danger

*synonym* : notice, warning, panic

(1) give the **alarm**, (2) an **alarm** clock

The **alarm** announcing an enemy attack went off this morning.

## siren

*n.* a device that emits a loud, piercing sound, typically used as a warning or to get attention; historically, a creature in Greek mythology whose enchanting voice would lure sailors toward danger

*synonym* : alarm, warning, alert

(1) fire truck **siren**, (2) police **siren**

I heard the **siren** of an ambulance and moved my car to the side of the road.

## symphony

*n.* a long musical composition in Western classical music for orchestra, usually with three or four main parts called movements

*synonym* : orchestra, harmony, concert

(1) a **symphony** orchestra, (2) a beautiful **symphony**

The frequent performances of the **symphony** prove its popularity.

## deaf

*adj.* lacking the ability to hear, or having impaired hearing; unresponsive or unaware of certain sounds or signals

*synonym* : hearing-impaired, unresponsive, insensitive

(1) **deaf** in one ear, (2) **deaf** child

The **deaf** student needed an interpreter to understand the lecture.

## profoundly

*adv.* to a great or complete degree; deeply

*synonym* : deeply, greatly, completely

(1) **profoundly** insightful, (2) sleep **profoundly**

The novel affected her **profoundly**, causing her to question her beliefs and values.

## impressive

*adj.* arousing admiration due to size, quality, or skill

*synonym* : impactful, remarkable, exceptional

(1) **impressive** performances, (2) an **impressive** array of facts

The budget reduction was an **impressive** feat for our nation.

## acoustic

*adj.* relating to sound or the sense of hearing

*synonym* : aural, hearing, acoustical

(1) **acoustic** properties of a hall, (2) **acoustic** guitar

The ground acts as an **acoustic** barrier against outside sounds.

## vibration

*n.* a continuous quick and slight shaking movement

*synonym* : oscillation, fluctuation, reverberation

(1) protection against **vibration**, (2) sympathetic **vibration**

**Vibration** displaced part of the mechanism.

**tickle**

v. to lightly touch a sensitive part of somebody's body in a way that makes them laugh

*synonym*: titillate, make laugh

(1) **tickle** his ribs, (2) **tickle** her vanity

These models explain why you can't **tickle** yourself.

**eardrum**

n. a membrane in the middle ear that vibrates in response to sound waves and transmits the vibrations to the inner ear

*synonym*: tympanum, auricular membrane, myringa

(1) burst **eardrum**, (2) protect **eardrum**

The loud noise ruptured my **eardrum**, and I had to go to the hospital.

**transmit**

v. to send or forward an electronic signal; to pass something from one person or thing to another

*synonym*: convey, share, dispatch

(1) **transmit** the disease, (2) **transmit** information

Parents often **transmit** their characteristics to their children.

**convert**

v. to have a talk with someone; (adjective) reversed in order, relation, or action

*synonym*: alter, remake, transform

(1) **convert** fat into energy, (2) **convert** base 10 to base 16

I want to **convert** my sadness into strength.

**fluid**

n. a substance that can flow and is not solid

*synonym*: liquid, aqua, sap

(1) plenty of **fluids**, (2) **fluid** assets

She was diagnosed with a **fluid** buildup in her lungs.

**impulse**

n. a sudden strong and unreflective wish or need to do something; the electrical discharge that travels along a nerve fiber

*synonym*: stimulation, provocation, urge

(1) a combative **impulse**, (2) profound religious **impulses**  
Nerve **impulses** cross a synapse through the action of neurotransmitters.

## cochlea

*n.* a spiral-shaped cavity in the inner ear that is responsible for hearing; it contains sensory hair cells that convert vibrations into electrical signals that are sent to the brain for interpretation

*synonym*: spiral organ, snail shell, inner ear

(1) **cochlea** spiral, (2) implanted **cochlea**

Damage to the **cochlea** can cause hearing loss or deafness.

## electrical

*adj.* relating to electricity

(1) an **electrical** storm, (2) degree in **electrical** engineering

Actuators convert **electrical** pulses into motion.

## auditory

*adj.* of or relating to hearing or the ability to hear

*synonym*: hearing, audible, aural

(1) a good **auditory** memory, (2) **auditory** system

The **auditory** nerve carries sound signals from the ear to the brain.

## nervous

*adj.* worried and anxious about something; relating to the nerves

*synonym*: neural, anxious, uneasy

(1) development of the **nervous** system, (2) get **nervous**

He suffers from **nervous** breakdowns.

## brain

*n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling

*synonym*: intellect, mind, encephalon

(1) basic **brain** function, (2) permanent **brain** damage

X-rays revealed a small tumor in his **brain**.

## perception

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

*synonym* : understanding, idea, awareness

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

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

## 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.

## entirely

*adv.* completely

*synonym* : completely, fully, totally

(1) **entirely** satisfied with the meal, (2) he was **entirely** to blame

Later, his claim was found to be **entirely** false.

## abstract

*adj.* based on general ideas, feelings, or qualities and not on any a physical or concrete existence

*synonym* : conceptual, theoretical, ideational

(1) an **abstract** noun, (2) **abstract** science

The invention of the camera triggered the development of **abstract** painting.

## discuss

*v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic

*synonym* : talk about, converse, debate

(1) **discuss** options, (2) **discuss** solutions

We need to **discuss** the next steps for the project during our meeting tomorrow.

## topic

*n.* a subject that is being discussed or written about

*synonym* : subject, theme, issue

(1) a serious **topic**, (2) the **topic** of the book  
The **topic** of the discussion was the current state of the economy.

## emotional

*adj.* relating to people's feelings

*synonym*: affecting, impactful, impressive

(1) **emotional** health, (2) **emotional** distress

Human **emotional** responses vary widely depending on the society to which they belong.

## restore

*v.* to repair or return something or someone to a previous good state or position

*synonym*: fix, mend, reestablish

(1) **restore** order, (2) **restore** the emperor to the throne

The military regime has promised to **restore** democracy as soon as possible.

## physician

*n.* a medical doctor who practices medicine

*synonym*: doctor, practitioner, medic

(1) the advice of the **physician**, (2) consult with a **physician**

She visited the local **physician** to seek treatment for her persistent headache.

## surgeon

*n.* a doctor who is trained to perform medical operations that involve cutting open a person's body

*synonym*: sawbones, doctor

(1) an excellent brain **surgeon**, (2) army **surgeon**

He is a skilled **surgeon** that has many years of training and experience.

## confident

*adj.* feeling sure about your abilities or qualities or having trust in people, plans, or the future

*synonym*: certain, sure, convinced

(1) feel **confident**, (2) a **confident** remark

I'm not **confident** in our victory.



## patient

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

*synonym*: client, recipient, subject

(1) **patient** in the hospital, (2) **patient** with weight loss

The doctor carefully examined the **patient's** medical history.

## medically

*adv.* in a way that relates to the practice of medicine and the treatment of illness and injury

(1) **medically** endorsed method, (2) in a **medically** effective manner

A decade ago, it was **medically** impossible to cure this disease completely.

## surgery

*n.* medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures

*synonym*: operation, (medical) procedure

(1) cardiac **surgery**, (2) the professor of **surgery**

He had undergone heart **surgery** years before.

## implant

*v.* to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind

*synonym*: insert, fix, place

(1) **implant** genes in the animals, (2) **implant** into the uterus

The doctor will **implant** a pacemaker to regulate his heart rate.

## heartbreak

*n.* a feeling of great sadness or disappointment

*synonym*: grief, sorrow, bitterness

(1) ease her **heartbreak**, (2) go through **heartbreak**

They had experienced the **heartbreak** of losing two children due to premature births.

## plainly

*adv.* clearly and simply; in a straightforward and easy-to-understand manner

*synonym*: clearly, overtly, evidently

(1) **plainly** spoken, (2) **plainly** visible

She **plainly** stated her opinion, leaving no room for misinterpretation.

## 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**.

## moth

*n.* an insect with wings similar to a butterfly that travels at night and is attracted to light

(1) **moth** larva, (2) **moth** attracted to the light

The **moth** is a serious threat to the farm's output.

## owl

*n.* a nocturnal bird of prey with large eyes, a facial disc, and typically a loud hooting call

*synonym*: raptor, bird of prey, nocturnal bird

(1) a night **owl**, (2) an **owl** hooted

The snowy **owl** is a large, white bird often seen in the Arctic.

## limb

*n.* an arm and leg of a person or animal

*synonym*: arm, appendage, branch

(1) a prosthetic **limb**, (2) **limb** amputation

You should wrap the bandage carefully and firmly around the injured **limb**.

## infuse

*v.* to fill something with a particular quality, feeling, or influence; to imbue

*synonym*: instill, fill, permeate

(1) **infuse** with spirit, (2) **infuse** life with meaning

She **infused** fresh herbs into the soup for added flavor.

## limitation

*n.* a rule or act that restricts the scope of something  
*synonym*: restriction, constraint, burden

(1) impose **limitation**, (2) **limitation** of exercise

Disability is a physical **limitation** to living everyday life.

## infant

*n.* a baby or very young child

*synonym*: baby, newborn, tot

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

Mozart was an **infant** prodigy.

## educational

*adj.* relating to education or providing knowledge or instruction

*synonym*: instructional, informative, enlightening

(1) **educational** system, (2) elevate **educational** standards

The museum offers a variety of **educational** programs for children and adults.

## vocational

*adj.* of or relating to an occupation or employment; providing or undergoing training in special skills that prepare you for a particular job

*synonym*: occupational, technical, specialized

(1) **vocational** training, (2) **vocational** school

The in-house system provided traineeships in **vocational** rehabilitation.

## opportune

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

*synonym*: suitable, timely, practical

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

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

## obstacle

*n.* a thing that blocks one's way or prevents or hinders progress

*synonym*: hindrance, barrier, block

(1) an **obstacle** to progress, (2) **obstacle** avoidance

The **obstacle** course was challenging but fun.

## norm

*n.* something that is regarded as usual, typical, or standard  
*synonym* : criterion, mean, standard

(1) **norm** of action, (2) cultural **norm**

The systems we have developed has accepted as industry **norms**.

## treatment

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

*synonym* : remedy, antidote, medicine

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

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

## literally

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

*synonym* : actually, truly, verily

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

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

## 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.

## funnel

*n.* a tube or pipe that is wide at the top, sloping sides, narrow at the bottom, used for pouring liquids or powders into a small opening; a smokestack on a ship or steam engine

*synonym* : filter, chimney

(1) separatory **funnel**, (2) a **funnel-shaped** device

We have to use a **funnel** to pour petrol into the tank.

## modern

*adj.* of or belonging to the present time or recent times  
*synonym* : contemporary, stylish, current

(1) **modern** poetry, (2) pre- **modern** agricultural society  
Their headquarters are in a **modern** skyscraper.

## procedure

*n.* a way of doing something, especially the official or well-known way

*synonym* : action, approach, course

(1) undergo a surgical **procedure**, (2) standard **procedure**  
The pilot and flight attendant ran through the check-out **procedure**.

## anesthesia

*n.* a state of controlled, temporary loss of bodily sensation or awareness that is induced for medical purposes

(1) **anesthesia** for surgery, (2) local **anesthesia**  
He is in general **anesthesia** under the surgeon.

## achieve

*v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do

*synonym* : accomplish, attain, reach

(1) **achieve** success, (2) **achieve** milestones  
I will work hard to **achieve** my goals and realize my dreams.

## electrode

*n.* either of two points or ends of a conductor at which electricity enters or leaves an object, substance, or region

(1) platinum **electrodes**, (2) **electrode** corrosion

It is important to place the **electrodes** in the correct position for accurate electro-cardiogram recording.

## array

*n.* a large group or collection of things or people, especially one that is impressive or attractive

*synonym* : collection, display, batch

(1) a two-dimensional **array**, (2) an **array** of troops

The customer on the Internet has to choose one from a formidable **array** of products.

## insert

*v.* to put something inside something else

*synonym*: introduce, add, embed

(1) **insert** coin, (2) **insert** a graphic

She **inserted** a new chapter into her manuscript.

## crude

*adj.* being in an unrefined or natural state; (noun) the unprocessed form of oil

*synonym*: unrefined, native, vulgar

(1) price of **crude** oil, (2) **crude** manners

His **crude** jokes made her angry.

## comparison

*n.* the consideration or examination of the similarities between two or more people or things

*synonym*: equivalence, analogy, contrast

(1) ease of **comparison**, (2) **comparison** of foods on a caloric basis

I've included the two designs for a **comparison**.

## mentor

*n.* a person who helps and advises a younger or less experienced person over time, usually at work or school

*synonym*: adviser, coach, tutor

(1) **mentor** for life, (2) fashion **mentor**

As a **mentor**, he helped me realize my career.

## journal

*n.* a newspaper or magazine specialized in a specific topic or profession

*synonym*: periodical, diary, bulletin

(1) scientific **journal**, (2) **journal** articles

The physician is reading the **journals** related to medicine

## chapter

*n.* a separate section of a written work usually numbered and titled

*synonym*: section, phase, episode

(1) an introductory **chapter**, (2) **chapter** of a political party

The final **chapter** provides a summary of the discussion.

## entitle

*v.* to give someone the right to have or do something; to give a title to someone or something

*synonym*: allow, permit, enable

(1) **entitle** him to a pension, (2) **entitle** the company to use the logo

The employee was **entitled** to a week of vacation time.

## writ

*n.* a written legal order or command

*synonym*: legal document, order, legal process

(1) a **writ** of summons, (2) issue a **writ**

He was served with a **writ** of eviction, giving him the notice to vacate the property.

## annoying

*adj.* making someone feel slightly angry

*synonym*: aggravating, bothersome, irksome

(1) **annoying** banner ad, (2) **annoying** habit

The phone call is an **annoying** interruption.

## handy

*adj.* valuable and convenient; easy or ready to reach or use

*synonym*: clever, accessible, available

(1) a **handy-sized** bag, (2) **handy** tool

They found a **handy** place to play catch.

## annoy

*v.* to make someone angry, anxious, or irritating slightly

*synonym*: aggravate, irritate, unsettle

(1) **annoy** at the time, (2) **annoy** everyone else

Her constant chatter was starting to **annoy** the neighbors.

## phenomenal

*adj.* extremely good or impressive; outstanding

*synonym*: extraordinary, remarkable, impressive

(1) **phenomenal** success, (2) **phenomenal** growth

The athlete's **phenomenal** performance broke all previous records.

## overwhelming

*adj.* very great or intense; so powerful that you cannot fight or react against it

*synonym* : overpowering, astounding, amazing

(1) **overwhelming** majority, (2) an **overwhelming** victory  
He has shown signs of uneasiness and **overwhelming** worry.

## 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.

## incredible

*adj.* unbelievable; enormous

*synonym* : unbelievable, fantastical, inconceivable

(1) **incredible** amount, (2) at **incredible** speed

Her response revealed **incredible** idiocy.

## facility

*n.* a building or place that provides a particular service or is used for a particular industry

*synonym* : building, structure, installation

(1) a cell phone with an internet **facility**, (2) **facility** design

This company has an entire recycling **facility**, including major reprocessing plants.

## display

*v.* to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value

*synonym* : show, exhibit, present

(1) **display** merchandise, (2) **display** artwork

We need to **display** our products in an attractive way to attract customers.

## struggle

*v.* to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction

*synonym* : toil, strive, compete

(1) **struggle** against discrimination, (2) **struggle** to get the



job

He could not **struggle** against temptation.

## dislike

*v.* to not like someone or something

*synonym*: disapprove, disfavor, deprecate

(1) **dislike** speaking in public, (2) **dislike** this kind of food

He seems to **dislike** all forms of exercise.

## audition

*n.* a performance or test given by an actor, musician, or other performers to demonstrate their abilities and suitability for a particular role or position

*synonym*: tryout, test

(1) music **audition**, (2) dance **audition**

I have an **audition** for a role in a play tomorrow.

## mention

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

*synonym*: reference, allude, cite

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

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

## 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.

## semantics

*n.* the branch of linguistics and logic concerned with meaning

*synonym*: meaning, connotation, denotation

(1) lexical **semantics**, (2) information **semantics**

The **semantics** of the sentence could have been clearer and easier to understand.

## specific

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

*synonym*: particular, definite, distinct

(1) **specific** instructions, (2) industry- **specific** regulations  
The scientist conducted a study that provided **specific** details about the species' behavior.

## perceive

*v.* to become aware or conscious of something through the senses

*synonym*: sense, discern, feel

(1) **perceive** a threat, (2) **perceive** light

Australia is widely **perceived** as having low levels of corruption.

## acoustics

*n.* a branch of physics that deals with the study of mechanical waves in gases, liquids, and solids, including topics such as vibration, sound, ultrasound, and infrasound

(1) specialize in **acoustics**, (2) the engineer of **acoustics**

The physicist specializes in **acoustics**.

## frequency

*n.* an ordered array of colors into which a light beam can be split

*synonym*: recurrence, repetition, regularity

(1) **frequency** band, (2) high **frequency**

The oscillator hunts for the correct **frequency**.

## decibel

*n.* (also "dB") a unit used to measure the intensity of sound or the comparative loudness of two sounds based on a logarithmic scale

*synonym*: dB, sound level, volume

(1) **decibel** level, (2) adjust the **decibel**

The concert reached 100 **decibels**, causing many people to cover their ears.

## dynamic

*adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)

*synonym*: energetic, active, vital

(1) a **dynamic** market, (2) **dynamic** person  
The sprinter has a **dynamic** way of running.

## heterogeneous

*adj.* diverse in character or content; composed of parts of different kinds; not uniform

*synonym* : diverse, dissimilar, varied

(1) **heterogeneous** mixture, (2) **heterogeneous** system  
The **heterogeneous** group of students came from different countries and spoke various languages.

## transmission

*n.* the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television

*synonym* : transportation, communication, broadcast

(1) **transmission** speed, (2) the **transmission** gears of a car

Education is the **transmission** of civilization.

## pinnacle

*n.* the highest point or peak of something, particularly a mountain or a career; the greatest or highest level of achievement or success

*synonym* : summit, peak, apex

(1) architectural **pinnacle**, (2) reached the **pinnacle**

Climbing to the **pinnacle** of the mountain is a challenge that many outdoor enthusiasts strive to achieve.

## pitch

*n.* the property of sound that varies with variation in the frequency of vibration; the degree of a slope, especially of a roof; short presentation for selling or sharing something

*synonym* : angle, gradient, slope

(1) make a **pitch** for a new product, (2) a low- **pitched** sound

Her voice gradually increased in **pitch**.

## 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.

## melody

*n.* a succession of musical tones forming part of a larger piece of music

*synonym* : tune, song, piece

(1) a simple **melody**, (2) the **melody** of a tune

This harmonious **melody** immortalized its composer.

## harmony

*n.* the combination of simultaneous musical notes to produce a pleasing effect; an attractive combination of related things and their properties

*synonym* : balance, accord, congruence

(1) a **harmony** of colors, (2) break a **harmony**

We worked in perfect **harmony**.

## arrangement

*n.* a plan or preparation for the future event; the action or process of placing things in a particular order

*synonym* : placement, configuration, account

(1) **arrangement** of the furniture, (2) **arrangement** committee

As a first **arrangement**, we agreed to meet the following Friday.

## prelude

*n.* an introductory or preparatory piece of music often played before a larger work or performance; a preliminary or introductory event or action

*synonym* : introduction, opening, prologue

(1) **prelude** music, (2) ominous **prelude**

The book's introductory chapter provided a **prelude** to the rest of the story.

## octave

*n.* a musical interval encompassing eight diatonic scale degrees, such as the interval from C to the next C in a C major scale

*synonym* : eighth, interval, range

(1) **octave** key, (2) **octave** range

The singer's range was impressive, covering three **octaves** with ease.

## randomize

*v.* to arrange or select by or depending on chance; to make something random

*synonym*: scramble, shuffle, mix

(1) **randomize** variables, (2) **randomize** the order of the numbers

The study participants were **randomized** into two groups to control for bias.

## thrill

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

*synonym*: exhilaration, delight, rush

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

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

## robust

*adj.* sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity

*synonym*: healthy, strong, booming

(1) **robust** growth, (2) a **robust** appetite

The experiment yielded **robust** results that support his theory.

## degradation

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

*synonym*: depravity, degeneration, deterioration

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

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

## distort

*v.* to change something's shape, appearance, or sound so that it appears weird or unclear

*synonym*: fudge, deform, contort

(1) **distort** the facts, (2) **distort** the economy  
Economists contend that taxes **distort** consumer behavior in general.

## hypnotic

*adj.* inducing sleep; causing sleepiness, mainly as a result of a repetitive noise or motion

*synonym*: soothing, soporific, slumberous

(1) mild **hypnotic**, (2) **hypnotic** effect

His voice had a **hypnotic** quality for me.

## intention

*n.* something you want to do and are going to do

*synonym*: purpose, connotation, will

(1) **intention** behind his decision, (2) clear **intention**

Our CEO's **intentions** are always transparent and straightforward.

## 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.

## clip

*n.* a small metal or plastic device used for holding an object or objects together or in place; a short part of electronic media, either an audio clip or video clip

*synonym*: buckle, hook, pin

(1) tie **clip**, (2) short video **clip**

He fastens some sheets of paper with a **clip**.

## succeed

*v.* to accomplish or achieve a desired or intended result or goal; to prosper or attain success in a given field or endeavor

*synonym*: achieve, accomplish, triumph

(1) **succeed** beyond expectations, (2) **succeed**

academically

I hope to **succeed** in my career and live a happy life.

## trumpet

*n.* a brass musical instrument with a flared bell and a bright, penetrating tone; (verb) to announce or praise loudly or publicly

*synonym*: bugle, cornet, flugelhorn

(1) **trumpet** player, (2) **trumpet** solo

She played a beautiful melody on the **trumpet**.

## violin

*n.* a four-stringed wooden musical instrument held against the neck and played by passing a bow across the strings

*synonym*: fiddle

(1) **violin** soloist, (2) play the **violin**

The cello is a member of the **violin** family.

## sustained

*adj.* lasting for a long time or continuing for a long time without becoming weaker or less intense

*synonym*: prolonged, extended, continual

(1) **sustained** economic growth, (2) **sustained** release medication

The company experienced **sustained** growth over the past decade.

## timbre

*n.* the quality of sound that is produced by particular voices or musical instruments sounds different from each other

*synonym*: resonance, tone, inflection

(1) the **timbre** of a musical sound, (2) the **timbre** of her soprano

His voice had a deep **timbre**.

## whatsoever

*adv.* not at all; no matter what

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

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

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

## individual

*n.* a single person or thing, as distinct from a group  
*synonym*: person, being, self

(1) a private **individual**, (2) **individual** freedom

As an **individual**, he had the right to make his own decisions and live his life as he saw fit.

## rhythm

*n.* a strong regular repeated pattern of sounds, words, or musical notes that are used in music, poetry, and dancing

*synonym*: beat, cadence, tempo

(1) in samba **rhythm**, (2) irregular heart **rhythm**

He beat out a jazz **rhythm** on the cajones.

## cortex

*n.* the outermost layer of an organ, especially the brain

(1) **cortex** cells, (2) visual **cortex** neuron

The cerebral **cortex** consists of six layers.

## optimize

*v.* to make the best or most effective use of something  
*synonym*: advance, amend, improve

(1) **optimize** a process, (2) **optimize** control for cooling

The essence of economics is to **optimize** the allocation of limited resources.

## cortical

*adj.* relating to or located in the outer layer of an organ or body structure, particularly the cortex of the brain

(1) **cortical** neurons, (2) **cortical** activity

The MRI showed activity in the **cortical** region of the patient's brain.

## 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.

## usher

*n.* a person who shows people to their seats in a theater or church or who guides them through a building

*synonym*: guide, escort, conductor

(1) act as **usher**, (2) **usher** theater

The uniformed **usher** showed the guests to their seats.

## differentiate

*v.* to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative

*synonym*: discern, distinguish, separate

(1) **differentiate** between fact and fiction, (2) **differentiate** a function

The teacher asked the students to **differentiate** between the two similar species of birds.

## differ

*v.* to be not like someone or something in some way

*synonym*: vary, diverge, disagree

(1) **differ** from the majority, (2) **differ** according to species

The two products **differed** in their quality and price.

## skull

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

*synonym*: cranium, scalp, brain

(1) **skull** fracture, (2) have a thick **skull**

Archaeologists found a Neanderthal **skull** at that historic site.

## grave

*n.* a place where a dead body is buried, typically marked by a headstone or other memorial; a very serious, solemn, or important matter; (verb) to carve, cut, or etch a design, inscription, or mark onto a hard surface, such as stone or metal; (adjective) serious, solemn, or weighty in nature

*synonym*: tomb, crypt, sepulcher

(1) **grave** an image, (2) **grave** mistake

Many innocent civilians were killed and buried in mass

**graves** outside the city during the war.

## exhume

*v.* to dig up or remove something, especially a corpse, from a grave or other burial place; to uncover or bring something hidden or forgotten to light

*synonym* : unearth, disinter

(1) **exhume** remains, (2) **exhume** the past

The authorities had to **exhume** the body for further investigation into the cause of death.

## temporal

*adj.* of or relating to time as opposed to eternity

*synonym* : transient, fleeting, temporary

(1) a **temporal** restriction, (2) **temporal** history

The **temporal** nature of the universe is a subject of much debate among scientists.

## harvest

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

*synonym* : crop, reaping, yield

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

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

## mold

*n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

*synonym* : cavity, cast, mildew

(1) a casting **mold**, (2) **mold** allergy

Mushrooms and **mold** are fungi.

## clay

*n.* a natural, earthy material that is made up of very small particles of minerals and can be molded when wet and then fired to produce ceramics

*synonym* : ceramics, pottery, dirt

(1) **clay** animation, (2) soft **clay** ground

The sculptor carefully molded the **clay** into the desired

shape.

## bulge

*v.* to protrude or extend outward

*synonym*: protrude, swell, expand

(1) **bulge** at the enterprise, (2) **bulge** with books

The muscles in his arm **bulged** as he lifted the heavyweights.

## compose

*v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it

*synonym*: compile, constitute, build

(1) **compose** an essay, (2) **compose** my thoughts

The structure is **composed** of three main components.

## remains

*n.* the leftover parts or pieces of something that have been destroyed, removed, or consumed; the physical or biological remains of a deceased person, plant, animal

*synonym*: leftovers, debris, relic

(1) **remains** of a building, (2) human **remains**

The **remains** of the ancient civilization can still be seen in the city's ruins.

## hardwired

*adj.* built-in or innate, often referring to behavior or traits that are instinctive or automatic, as if pre-programmed in the brain or genetics

*synonym*: innate, ingrained, automatic

(1) **hardwired** behavior, (2) **hardwired** connection

The instinct to protect one's offspring is **hardwired** into many animal species.

## 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.

## overture

*n.* an introduction or opening to something, particularly a musical or theatrical performance; a proposal or gesture made as an opening move in negotiations or discussion

*synonym* : prelude, introduction, opening

(1) musical **overture**, (2) diplomatic **overture**

The orchestra began its performance with a stunning **overture** that set the tone for the rest of the concert.

## imbue

v. to inspire or permeate something or someone with a particular feeling or quality; to saturate or fill something with a specific color, taste, or smell

*synonym* : infuse, permeate, instill

(1) **imbue** with confidence, (2) **imbue** with meaning

He tried to **imbue** his children with a love of learning and curiosity.

## significance

n. the importance or value attached to something; the quality of being significant or noteworthy

*synonym* : importance, value, worth

(1) **significance** level, (2) mystical **significance**

The **significance** of his discovery cannot be overstated.

## virtually

*adv.* almost completely

*synonym* : almost, basically, nearly

(1) **virtually** all countries, (2) **virtually** identical

**Virtually** all the parties signed the contract.

## rehabilitate

v. to restore to good health or physical condition; to help someone return to a normal life, especially after a period of illness, addiction, or imprisonment

*synonym* : reform, restore, renovate

(1) **rehabilitate** prisoners, (2) **rehabilitate** wildlife

The organization works to **rehabilitate** drug addicts and help them rebuild their lives.

## strategy

n. a detailed plan of action designed to achieve a long-term or overall goal.

*synonym* : approach, procedure, scenario

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

Our plan includes a comprehensive marketing **strategy**.

## technological

*adj.* based on scientific and industrial progress

*synonym* : specialized, technical

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

**Technological** advances have disrupted many industries.

## 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.

## improve

*v.* to make or become better

*synonym* : enhance, ameliorate, enrich

(1) **improve** a process, (2) **improve** the test score

We want to **improve** ties between our two countries.

## fortune

*n.* a large amount of money or property; chance or luck as an unknown and arbitrary force affecting human affairs

*synonym* : wealth, affluence, assets

(1) ill **fortune**, (2) bit of good **fortune**

Capitalism guarantees the right of ownership of personal **fortune**.

## lab

*n.* a workplace for the conduct of scientific research; a laboratory

*synonym* : workshop, laboratory, research chamber

(1) **lab** instrument, (2) medical **lab**

The Prime Minister will pay a courtesy visit to the Nobel laureate's **lab**.

## diagnose

*v.* to determine or distinguish the nature of a problem or an illness through a careful analysis

*synonym* : identify, analyze, interpret

(1) **diagnose** the problem, (2) **diagnose** with CT scans  
This device is used to **diagnose** brain cancer and other tumors.

### severe

*adj.* extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous

*synonym*: harsh, relentless, powerful

(1) **severe** heat, (2) a **severe** case of pneumonia  
The senator received **severe** criticism from his opponent.

### aid

*n.* things sent to help countries in need, notably food or money; support

*synonym*: helper, resource, assistance

(1) financial **aid**, (2) country-by-country **aid** programs  
Pakistan's **aid** budget was still being reviewed.

### rely

*v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.

*synonym*: depend, count, lean

(1) **rely** on convenience stores, (2) **rely** entirely on him  
Babies heavily **rely** on others for food.

### undergo

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

*synonym*: experience, suffer, endure

(1) **undergo** surgery, (2) **undergo** a decrease  
The train has to **undergo** rigorous safety checks.

### absolutely

*adv.* without restriction or limitation; completely or utterly

*synonym*: completely, utterly, definitely

(1) **absolutely** against, (2) **absolutely** obsessed with the girl

I am **absolutely** opposed to his idea because of morality.

### brilliant

*adj.* extremely clever, skilled, or impressive

*synonym*:

luminous, intelligent, clever

(1) **brilliant** idea, (2) **brilliant** performance

The more **brilliant** you are, the more people around you look at you with envy and jealousy.

## medical

*adj.* relating to the treatment of illness or injuries; relating to the practice of medicine

*synonym*: health, disease, treatment

(1) a **medical** opinion, (2) temporary **medical** treatment

The **medical** team worked quickly to save the patient's life.

## contemplate

*v.* to think about a possible future action or to think about something for a long time thoughtfully

*synonym*: think over, ponder, consider

(1) **contemplate** a marriage, (2) **contemplated** leaving school

I recently **contemplated** dropping out of school and getting a full-time job.

## unheard

*adj.* not heard, listened to, or noticed; not having been brought to public attention

*synonym*: unknown, obscure

(1) an **unheard** story, (2) previously **unheard-of** economic development

The **unheard** melody was beautiful and touched everyone's hearts.

## testament

*n.* a thing that proves the existence or truth of something else

*synonym*: proof, testimony, testimonial

(1) give properties by **testament**, (2) **testament** to the superior quality

His wealth is a **testament** to his success.

## awful

*adj.* causing fear, dread, or terror; very bad or unpleasant

*synonym*: terrible, appalling, horrible

(1) an **awful** error, (2) do **awful** damage  
I regretted making an **awful** mistake in my final exam.

### heartwarming

*adj.* seeming to be something good and therefore causing gladness and pleasure

*synonym* : pleasant, exhilarating, inspiring

(1) **heartwarming** letter, (2) a **heartwarming** tale of love  
We enjoyed the **heartwarming** hospitality of the host.

### conclude

*v.* to come to an end or close; to reach a judgment or opinion by reasoning

*synonym* : complete, finish, decide

(1) **conclude** a meeting, (2) **conclude** that he is healthy  
We **concluded** a cease-fire.

### 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.

### suddenly

*adv.* quickly and unexpectedly

*synonym* : abruptly, unexpectedly, unawares

(1) **suddenly** attacked by an enemy, (2) die **suddenly**  
Who answers **suddenly** knows little.

### decent

*adj.* satisfactory, acceptable, or good in a general sense

*synonym* : respectable, honorable, good

(1) yearn for the **decent** living, (2) a **decent** education  
He earned a **decent** salary at his job.

### critic

*n.* someone who expresses opinions about the quality of books, music, etc.

*synonym* : pundit, analyst, attacker

(1) art **critic**, (2) severe **critic**

Advocates for legal reform hear less harsh words from their



**critics.**

**understate**

v. to represent something as less important or significant than it is; to downplay or make something seem less dramatic or intense

*synonym*: downplay, underemphasize, minimize

(1) **understate** the cost, (2) deliberately **understate**

He tends to **understate** his abilities and needs to give himself more credit.

**inspiring**

*adj.* stimulating and motivating you to want to do something

*synonym*: exhilarating, encouraging, heartening

(1) **inspiring** stories, (2) awe- **inspiring** sight

An **inspiring** teacher might spark students' motivation to succeed.

## Session 2: Spelling

- |                                     |   |
|-------------------------------------|---|
| 1. bu__e at the enterprise          | v. to protrude or extend outward  |
| 2. musical ov____re                 | n. an introduction or opening to something, particularly a musical or theatrical performance; a proposal or gesture made as an opening move in negotiations or discussion                           |
| 3. en____ly satisfied with the meal | adv. completely   |
| 4. a beautiful sy____ny             | n. a long musical composition in Western classical music for orchestra, usually with three or four main parts called movements  |
| 5. police si__n                     | n. a device that emits a loud, piercing sound, typically used as a warning or to get attention; historically, a creature in Greek mythology whose enchanting voice would lure sailors toward danger |
| 6. visual co____x neuron            | n. the outermost layer of an organ, especially the brain  |
| 7. an introductory ch____r          | n. a separate section of a written work usually numbered and titled   |
| 8. tr____t solo                     | n. a brass musical instrument with a flared bell and a bright, penetrating tone; (verb) to announce or praise loudly or publicly  |
| 9. evolutionary bi____y             | n. the scientific study of life and the natural processes of living things  |

ANSWERS: 1. bulge, 2. overture, 3. entirely, 4. symphony, 5. siren, 6. cortex, 7. chapter, 8. trumpet, 9. biology

10. adjust the de\_\_\_\_\_l *n.* (also "dB") a unit used to measure the intensity of sound or the comparative loudness of two sounds based on a logarithmic scale
11. su\_\_\_\_\_d beyond expectations *v.* to accomplish or achieve a desired or intended result or goal; to prosper or attain success in a given field or endeavor
12. en\_\_\_\_\_e him to a pension *v.* to give someone the right to have or do something; to give a title to someone or something
13. ob\_\_\_\_\_le avoidance *n.* a thing that blocks one's way or prevents or hinders progress
14. industry-sp\_\_\_\_\_ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
15. per\_\_\_\_\_on of a stimulus *n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses
16. co\_\_\_\_\_a spiral *n.* a spiral-shaped cavity in the inner ear that is responsible for hearing; it contains sensory hair cells that convert vibrations into electrical signals that are sent to the brain for interpretation
17. wha\_\_\_\_\_er it be *adv.* not at all; no matter what
18. di\_\_\_\_r from the majority *v.* to be not like someone or something in some way

ANSWERS: 10. decibel, 11. succeed, 12. entitle, 13. obstacle, 14. specific, 15. perception, 16. cochlea, 17. whatsoever, 18. differ

19. consult with a ph\_\_\_\_\_an *n.* a medical doctor who practices medicine
20. a w\_\_t of summons *n.* a written legal order or command
21. d\_\_f in one ear *adj.* lacking the ability to hear, or having impaired hearing; unresponsive or unaware of certain sounds or signals
22. di\_\_\_\_\_y merchandise *v.* to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value
23. permanent br\_\_n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
24. incredible th\_\_\_l *n.* a feeling of extreme and sudden excitement and pleasure; to cause someone to feel sudden intense sensation or emotion
25. tr\_\_\_\_\_it the disease *v.* to send or forward an electronic signal; to pass something from one person or thing to another
26. sig\_\_\_\_\_nce level *n.* the importance or value attached to something; the quality of being significant or noteworthy
27. un\_\_\_\_\_o a decrease *v.* to go through something unpleasant or that involves a change
28. fun\_\_\_\_\_al rights *adj.* forming an essential base or core from which everything else develops or is affected
29. phe\_\_\_\_\_al success *adj.* extremely good or impressive; outstanding

ANSWERS: 19. physician, 20. writ, 21. deaf, 22. display, 23. brain, 24. thrill, 25. transmit, 26. significance, 27. undergo, 28. fundamental, 29. phenomenal

30. degree in ele\_\_\_\_\_al engineering      *adj.* relating to electricity
31. di\_\_\_\_\_t the economy      *v.* to change something's shape, appearance, or sound so that it appears weird or unclear
32. medical l\_b      *n.* a workplace for the conduct of scientific research; a laboratory
33. a casting m\_\_d      *n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long
34. pl\_\_\_\_\_y spoken      *adv.* clearly and simply; in a straightforward and easy-to-understand manner
35. het\_\_\_\_\_ous system      *adj.* diverse in character or content; composed of parts of different kinds; not uniform
36. fl\_\_d assets      *n.* a substance that can flow and is not solid
37. cardiac su\_\_\_\_\_y      *n.* medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures
38. deliberately und\_\_\_\_\_te      *v.* to represent something as less important or significant than it is; to downplay or make something seem less dramatic or intense

ANSWERS: 30. electrical, 31. distort, 32. lab, 33. mold, 34. plainly, 35. heterogeneous, 36. fluid, 37. surgery, 38. understate

39. 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
40. co\_\_\_\_de that he is healthy *v.* to come to an end or close; to reach a judgment or opinion by reasoning
41. 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
42. pl\_\_\_\_y visible *adv.* clearly and simply; in a straightforward and easy-to-understand manner
43. n\_\_m of action *n.* something that is regarded as usual, typical, or standard
44. a combative im\_\_\_\_e *n.* a sudden strong and unreflective wish or need to do something; the electrical discharge that travels along a nerve fiber
45. a good au\_\_\_\_ry memory *adj.* of or relating to hearing or the ability to hear
46. chaotic env\_\_\_\_\_\_nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
47. oc\_\_\_\_e range *n.* a musical interval encompassing eight diatonic scale degrees, such as the interval from C to the next C in a C major scale

ANSWERS: 39. process, 40. conclude, 41. stimming, 42. plainly, 43. norm, 44. impulse, 45. auditory, 46. environment, 47. octave

48. fashion me \_\_\_r *n.* a person who helps and advises a younger or less experienced person over time, usually at work or school
49. te \_\_\_\_al history *adj.* of or relating to time as opposed to eternity
50. ti \_\_\_e her vanity *v.* to lightly touch a sensitive part of somebody's body in a way that makes them laugh
51. im \_\_e with meaning *v.* to inspire or permeate something or someone with a particular feeling or quality; to saturate or fill something with a specific color, taste, or smell
52. 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
53. do li \_\_\_\_se *adv.* in the same way
54. fr \_\_\_\_nt perfume *adj.* having a pleasant or sweet-smelling scent; having an agreeable or strong aroma
55. a ro \_\_\_t appetite *adj.* sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity

ANSWERS: 48. mentor, 49. temporal, 50. tickle, 51. imbue, 52. function, 53. likewise, 54. fragrant, 55. robust

56. temporary me\_\_\_\_\_l treatment *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
57. ad\_\_\_\_\_e a cooperative relationship *v.* to go or move forward; to develop in a positive way
58. rem\_\_\_\_\_le achievement *adj.* worthy of attention because unusual or special
59. tr\_\_\_\_\_t player *n.* a brass musical instrument with a flared bell and a bright, penetrating tone; (verb) to announce or praise loudly or publicly
60. sympathetic vi\_\_\_\_\_on *n.* a continuous quick and slight shaking movement
61. tec\_\_\_\_\_cal policy *adj.* based on scientific and industrial progress
62. pr\_\_\_\_\_e analyses *adj.* sharply exact or accurate or delimited
63. di\_\_\_\_\_s options *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
64. ad\_\_\_\_\_e the technology *v.* to go or move forward; to develop in a positive way
65. ove\_\_\_\_\_ing majority *adj.* very great or intense; so powerful that you cannot fight or react against it
66. the engineer of ac\_\_\_\_\_cs *n.* a branch of physics that deals with the study of mechanical waves in gases, liquids, and solids, including topics such as vibration, sound, ultrasound, and infrasound

ANSWERS: 56. medical, 57. advance, 58. remarkable, 59. trumpet, 60. vibration, 61. technological, 62. precise, 63. discuss, 64. advance, 65. overwhelming, 66. acoustics



67. su\_\_\_\_\_ed release medication *adj.* lasting for a long time or continuing for a long time without becoming weaker or less intense
68. l\_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
69. tec\_\_\_\_\_cal advancement *adj.* based on scientific and industrial progress
70. edu\_\_\_\_\_al system *adj.* relating to education or providing knowledge or instruction
71. vi\_\_\_\_\_ly all countries *adv.* almost completely
72. ind\_\_\_\_\_al freedom *n.* a single person or thing, as distinct from a group
73. at inc\_\_\_\_\_le speed *adj.* unbelievable; enormous
74. a dy\_\_\_\_\_c market *adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)
75. re\_\_\_\_\_s of a building *n.* the leftover parts or pieces of something that have been destroyed, removed, or consumed; the physical or biological remains of a deceased person, plant, animal
76. op\_\_\_\_\_ze control for cooling *v.* to make the best or most effective use of something
77. an ar\_\_y of troops *n.* a large group or collection of things or people, especially one that is impressive or attractive

ANSWERS: 67. sustained, 68. lab, 69. technological, 70. educational, 71. virtually, 72. individual, 73. incredible, 74. dynamic, 75. remains, 76. optimize, 77. array

78. inc\_\_\_\_\_le amount *adj.* unbelievable; enormous
79. architectural pi\_\_\_\_\_le *n.* the highest point or peak of something, particularly a mountain or a career; the greatest or highest level of achievement or success
80. high fr\_\_\_\_\_cy *n.* an ordered array of colors into which a light beam can be split
81. fun\_\_\_\_\_al education *adj.* forming an essential base or core from which everything else develops or is affected
82. in samba rh\_\_\_\_m *n.* a strong regular repeated pattern of sounds, words, or musical notes that are used in music, poetry, and dancing
83. implanted co\_\_\_\_\_a *n.* a spiral-shaped cavity in the inner ear that is responsible for hearing; it contains sensory hair cells that convert vibrations into electrical signals that are sent to the brain for interpretation
84. a cell phone with an internet fa\_\_\_\_\_ty *n.* a building or place that provides a particular service or is used for a particular industry
85. ease her hea\_\_\_\_\_ak *n.* a feeling of great sadness or disappointment
86. imp\_\_\_\_\_ve performances *adj.* arousing admiration due to size, quality, or skill
87. co\_\_\_\_\_e an essay *v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it
88. oc\_\_\_\_e key *n.* a musical interval encompassing eight diatonic scale degrees, such as the interval from C to the next C in a C major scale

ANSWERS: 78. incredible, 79. pinnacle, 80. frequency, 81. fundamental, 82. rhythm, 83. cochlea, 84. facility, 85. heartbreak, 86. impressive, 87. compose, 88. octave

89. in\_\_\_t food *n.* a baby or very young child
90. in\_\_\_t daughter *n.* a baby or very young child
91. traditional me\_\_\_\_\_al *adj.* of or relating to the treatment or cure of disease
92. an excellent brain su\_\_\_\_\_n *n.* a doctor who is trained to perform medical operations that involve cutting open a person's body
93. di\_\_\_\_\_e speaking in public *v.* to not like someone or something
94. te\_\_\_\_\_nt to the superior quality *n.* a thing that proves the existence or truth of something else
95. yearn for the de\_\_\_t living *adj.* satisfactory, acceptable, or good in a general sense
96. scientific jo\_\_\_\_\_l *n.* a newspaper or magazine specialized in a specific topic or profession
97. in\_\_\_e life with meaning *v.* to fill something with a particular quality, feeling, or influence; to imbue
98. mo\_\_\_n poetry *adj.* of or belonging to the present time or recent times
99. fire truck si\_\_\_n *n.* a device that emits a loud, piercing sound, typically used as a warning or to get attention; historically, a creature in Greek mythology whose enchanting voice would lure sailors toward danger
100. a me\_\_\_\_\_l opinion *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
101. in\_\_\_\_\_ng stories *adj.* stimulating and motivating you to want to do something

ANSWERS: 89. infant, 90. infant, 91. medicinal, 92. surgeon, 93. dislike, 94. testament, 95. decent, 96. journal, 97. infuse, 98. modern, 99. siren, 100. medical, 101. inspiring

102. ex\_\_\_e remains *v.* to dig up or remove something, especially a corpse, from a grave or other burial place; to uncover or bring something hidden or forgotten to light
103. severe cr\_\_\_c *n.* someone who expresses opinions about the quality of books, music, etc.
104. dy\_\_\_\_\_c person *adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)
105. estimate pr\_\_\_\_\_e costs *adj.* sharply exact or accurate or delimited
106. di\_\_\_\_\_se with CT scans *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
107. a low-pi\_\_hed sound *n.* the property of sound that varies with variation in the frequency of vibration; the degree of a slope, especially of a roof; short presentation for selling or sharing something
108. country-by-country a\_d programs *n.* things sent to help countries in need, notably food or money; support
109. co\_\_\_\_\_t base 10 to base 16 *v.* to have a talk with someone; (adjective) reversed in order, relation, or action
110. ha\_\_y tool *adj.* valuable and convenient; easy or ready to reach or use
111. env\_\_\_\_\_nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live

ANSWERS: 102. exhume, 103. critic, 104. dynamic, 105. precise, 106. diagnose, 107. pitch, 108. aid, 109. convert, 110. handy, 111. environment

112. con\_\_\_\_\_ted leaving school      *v.* to think about a possible future action or to think about something for a long time thoughtfully
113. tie c\_\_p      *n.* a small metal or plastic device used for holding an object or objects together or in place; a short part of electronic media, either an audio clip or video clip
114. act as us\_\_r      *n.* a person who shows people to their seats in a theater or church or who guides them through a building
115. di\_\_\_\_\_y artwork      *v.* to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value
116. dance au\_\_\_\_\_on      *n.* a performance or test given by an actor, musician, or other performers to demonstrate their abilities and suitability for a particular role or position
117. irregular heart rh\_\_\_m      *n.* a strong regular repeated pattern of sounds, words, or musical notes that are used in music, poetry, and dancing
118. lim\_\_\_\_\_on of exercise      *n.* a rule or act that restricts the scope of something
119. a te\_\_\_\_\_al restriction      *adj.* of or relating to time as opposed to eternity
120. plenty of fl\_\_ds      *n.* a substance that can flow and is not solid
121. em\_\_\_\_\_al health      *adj.* relating to people's feelings
122. ev\_\_\_e over the past decade      *v.* to develop gradually, or to cause the development of something or someone gradually

ANSWERS: 112. contemplate, 113. clip, 114. usher, 115. display, 116. audition, 117. rhythm, 118. limitation, 119. temporal, 120. fluid, 121. emotional, 122. evolve

123. co\_\_\_\_\_e my thoughts      *v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it
124. co\_\_\_\_\_al activity      *adj.* relating to or located in the outer layer of an organ or body structure, particularly the cortex of the brain
125. get ne\_\_\_\_\_s      *adj.* worried and anxious about something; relating to the nerves
126. hea\_\_\_\_\_ing letter      *adj.* seeming to be something good and therefore causing gladness and pleasure
127. have a thick sk\_\_l      *n.* a bone framework that surrounds the brain and gives the head its shape
128. price of cr\_\_e oil      *adj.* being in an unrefined or natural state; (noun) the unprocessed form of oil
129. me\_\_\_\_\_ly endorsed method      *adv.* in a way that relates to the practice of medicine and the treatment of illness and injury
130. a private ind\_\_\_\_\_al      *n.* a single person or thing, as distinct from a group
131. lu\_\_\_\_\_us spa      *adj.* characterized by or affording something excessively expensive; rich and comfortable
132. dif\_\_\_\_\_ate between fact and fiction      *v.* to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative
133. burst ea\_\_\_\_\_m      *n.* a membrane in the middle ear that vibrates in response to sound waves and transmits the vibrations to the inner ear

ANSWERS: 123. compose, 124. cortical, 125. nervous, 126. heartwarming, 127. skull, 128. crude, 129. medically, 130. individual, 131. luxurious, 132. differentiate, 133. eardrum

134. give the al\_\_m *n.* a loud noise or an automatic signal that warns people of danger; a device that signals the occurrence of some undesirable event or particular danger
135. vi\_\_\_\_\_ly identical *adv.* almost completely
136. a ha\_\_y-sized bag *adj.* valuable and convenient; easy or ready to reach or use
137. deg\_\_\_\_\_on by heat *n.* the condition or process of changing to a lower state, or a less respected state
138. an ove\_\_\_\_\_ing victory *adj.* very great or intense; so powerful that you cannot fight or react against it
139. su\_\_\_\_\_d academically *v.* to accomplish or achieve a desired or intended result or goal; to prosper or attain success in a given field or endeavor
140. au\_\_\_\_\_ry system *adj.* of or relating to hearing or the ability to hear
141. translate li\_\_\_\_\_ly *adv.* in the real or original meaning of a word or phrase; in a literal sense or way; not figuratively
142. the advice of the ph\_\_\_\_\_an *n.* a medical doctor who practices medicine
143. feel co\_\_\_\_\_nt *adj.* feeling sure about your abilities or qualities or having trust in people, plans, or the future
144. fr\_\_\_\_\_cy band *n.* an ordered array of colors into which a light beam can be split
145. pr\_\_\_\_\_le cause of a fire *adj.* likely to happen or likely to be true

ANSWERS: 134. alarm, 135. virtually, 136. handy, 137. degradation, 138. overwhelming, 139. succeed, 140. auditory, 141. literally, 142. physician, 143. confident, 144. frequency, 145. probable

146. 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
147. profound religious im\_\_\_\_\_es *n.* a sudden strong and unreflective wish or need to do something; the electrical discharge that travels along a nerve fiber
148. br\_\_\_\_\_nt idea *adj.* extremely clever, skilled, or impressive
149. com\_\_\_\_\_on of foods on a caloric basis *n.* the consideration or examination of the similarities between two or more people or things
150. an op\_\_\_\_\_ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
151. em\_\_\_\_\_al distress *adj.* relating to people's feelings
152. 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
153. br\_\_\_\_\_nt performance *adj.* extremely clever, skilled, or impressive
154. d\_\_f child *adj.* lacking the ability to hear, or having impaired hearing; unresponsive or unaware of certain sounds or signals
155. the rem\_\_\_\_\_le breadth of knowledge *adj.* worthy of attention because unusual or special

ANSWERS: 146. stimming, 147. impulse, 148. brilliant, 149. comparison, 150. opportune, 151. emotional, 152. stick, 153. brilliant, 154. deaf, 155. remarkable



156. information se\_\_\_\_\_cs *n.* the branch of linguistics and logic concerned with meaning
157. an\_\_\_\_\_ng banner ad *adj.* making someone feel slightly angry
158. army su\_\_\_\_\_n *n.* a doctor who is trained to perform medical operations that involve cutting open a person's body
159. di\_\_\_\_\_t the facts *v.* to change something's shape, appearance, or sound so that it appears weird or unclear
160. cell and molecular bi\_\_\_\_\_y *n.* the scientific study of life and the natural processes of living things
161. ac\_\_\_\_\_e milestones *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
162. the tra\_\_\_\_\_ion gears of a car *n.* the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television
163. issue a w\_\_t *n.* a written legal order or command
164. us\_\_r theater *n.* a person who shows people to their seats in a theater or church or who guides them through a building
165. diplomatic ov\_\_\_\_\_re *n.* an introduction or opening to something, particularly a musical or theatrical performance; a proposal or gesture made as an opening move in negotiations or discussion

ANSWERS: 156. semantics, 157. annoying, 158. surgeon, 159. distort, 160. biology, 161. achieve, 162. transmission, 163. writ, 164. usher, 165. overture

166. im\_\_\_\_t into the uterus      *v.* to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind
167. mild hy\_\_\_\_ic      *adj.* inducing sleep; causing sleepiness, mainly as a result of a repetitive noise or motion
168. reached the pi\_\_\_\_le      *n.* the highest point or peak of something, particularly a mountain or a career; the greatest or highest level of achievement or success
169. me\_\_\_\_n name      *v.* to speak or write about something or someone briefly
170. ex\_\_\_\_e rebellion      *v.* to make someone feel suddenly enthusiastic or eager
171. di\_\_\_\_se the problem      *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
172. make a pi\_\_h for a new product      *n.* the property of sound that varies with variation in the frequency of vibration; the degree of a slope, especially of a roof; short presentation for selling or sharing something
173. ti\_\_\_\_e his ribs      *v.* to lightly touch a sensitive part of somebody's body in a way that makes them laugh
174. tr\_\_\_\_nt by diet      *n.* the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.

ANSWERS: 166. implant, 167. hypnotic, 168. pinnacle, 169. mention, 170. excite, 171. diagnose, 172. pitch, 173. tickle, 174. treatment

175. ra\_\_\_\_\_ze variables *v.* to arrange or select by or depending on chance; to make something random
176. the me\_\_\_\_y of a tune *n.* a succession of musical tones forming part of a larger piece of music
177. live in deg\_\_\_\_\_on *n.* the condition or process of changing to a lower state, or a less respected state
178. an ab\_\_\_\_\_ct noun *adj.* based on general ideas, feelings, or qualities and not on any a physical or concrete existence
179. die su\_\_\_\_\_ly *adv.* quickly and unexpectedly
180. m\_\_h larva *n.* an insect with wings similar to a butterfly that travels at night and is attracted to light
181. protect ea\_\_\_\_\_m *n.* a membrane in the middle ear that vibrates in response to sound waves and transmits the vibrations to the inner ear
182. the per\_\_\_\_\_ve of the battle *n.* a confident attitude toward something; a particular style of thinking about something
183. bite his tongue li\_\_\_\_\_ly *adv.* in the real or original meaning of a word or phrase; in a literal sense or way; not figuratively
184. het\_\_\_\_\_ous mixture *adj.* diverse in character or content; composed of parts of different kinds; not uniform
185. dif\_\_\_\_\_ate a function *v.* to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative

ANSWERS: 175. randomize, 176. melody, 177. degradation, 178. abstract, 179. suddenly, 180. moth, 181. eardrum, 182. perspective, 183. literally, 184. heterogeneous, 185. differentiate

186. an\_\_y at the time *v.* to make someone angry, anxious, or irritating slightly
187. without impact wha\_\_\_\_\_er *adv.* not at all; no matter what
188. arr\_\_\_\_\_nt of the furniture *n.* a plan or preparation for the future event; the action or process of placing things in a particular order
189. und\_\_\_\_\_te the cost *v.* to represent something as less important or significant than it is; to downplay or make something seem less dramatic or intense
190. abs\_\_\_\_\_ly against *adv.* without restriction or limitation; completely or utterly
191. se\_\_\_e heat *adj.* extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous
192. reap a ha\_\_\_\_\_t *n.* yields of plants in a single growing season; the period of the year when gathering occurs on a farm
193. phe\_\_\_\_\_al growth *adj.* extremely good or impressive; outstanding
194. soft c\_\_y ground *n.* a natural, earthy material that is made up of very small particles of minerals and can be molded when wet and then fired to produce ceramics
195. vi\_\_\_n soloist *n.* a four-stringed wooden musical instrument held against the neck and played by passing a bow across the strings
196. ha\_\_\_\_\_ed behavior *adj.* built-in or innate, often referring to behavior or traits that are instinctive or automatic, as if pre-programmed in the brain or genetics

ANSWERS: 186. annoy, 187. whatsoever, 188. arrangement, 189. understate, 190. absolutely, 191. severe, 192. harvest, 193. phenomenal, 194. clay, 195. violin, 196. hardwired

197. he was en\_\_\_\_\_ly to blame *adv.* completely
198. in a me\_\_\_\_\_ly effective manner *adv.* in a way that relates to the practice of medicine and the treatment of illness and injury
199. the to\_\_c of the book *n.* a subject that is being discussed or written about
200. di\_\_\_r according to species *v.* to be not like someone or something in some way
201. an imp\_\_\_\_\_ve array of facts *adj.* arousing admiration due to size, quality, or skill
202. elevate edu\_\_\_\_\_al standards *adj.* relating to education or providing knowledge or instruction
203. ev\_\_\_e *v.* to develop gradually, or to cause the development of something or someone gradually
204. play the vi\_\_\_n *n.* a four-stringed wooden musical instrument held against the neck and played by passing a bow across the strings
205. co\_\_\_\_\_de a meeting *v.* to come to an end or close; to reach a judgment or opinion by reasoning
206. separatory fu\_\_\_l *n.* a tube or pipe that is wide at the top, sloping sides, narrow at the bottom, used for pouring liquids or powders into a small opening; a smokestack on a ship or steam engine
207. arr\_\_\_\_\_nt committee *n.* a plan or preparation for the future event; the action or process of placing things in a particular order

ANSWERS: 197. entirely, 198. medically, 199. topic, 200. differ, 201. impressive, 202. educational, 203. evolve, 204. violin, 205. conclude, 206. funnel, 207. arrangement

208. ecology and evo\_\_\_\_\_ary biology     *adj.* relating to or denoting how living things develop or change from earlier forms
209. a sy\_\_\_\_\_ny orchestra     *n.* a long musical composition in Western classical music for orchestra, usually with three or four main parts called movements
210. a se\_\_\_\_\_e case of pneumonia     *adj.* extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous
211. tra\_\_\_\_\_ion speed     *n.* the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television
212. go through hea\_\_\_\_\_ak     *n.* a feeling of great sadness or disappointment
213. m\_\_h attracted to the light     *n.* an insect with wings similar to a butterfly that travels at night and is attracted to light
214. human re\_\_\_\_\_s     *n.* the leftover parts or pieces of something that have been destroyed, removed, or consumed; the physical or biological remains of a deceased person, plant, animal
215. pr\_\_\_\_\_e music     *n.* an introductory or preparatory piece of music often played before a larger work or performance; a preliminary or introductory event or action
216. con\_\_\_\_\_te a marriage     *v.* to think about a possible future action or to think about something for a long time thoughtfully

ANSWERS: 208. evolutionary, 209. symphony, 210. severe, 211. transmission, 212. heartbreak, 213. moth, 214. remains, 215. prelude, 216. contemplate

217. me\_\_\_\_\_n in a report      *v.* to speak or write about something or someone briefly
218. do aw\_\_l damage      *adj.* causing fear, dread, or terror; very bad or unpleasant
219. im\_\_e with confidence      *v.* to inspire or permeate something or someone with a particular feeling or quality; to saturate or fill something with a specific color, taste, or smell
220. an ele\_\_\_\_\_al storm      *adj.* relating to electricity
221. a fu\_\_\_l-shaped device      *n.* a tube or pipe that is wide at the top, sloping sides, narrow at the bottom, used for pouring liquids or powders into a small opening; a smokestack on a ship or steam engine
222. abs\_\_\_\_\_ly obsessed with the girl      *adv.* without restriction or limitation; completely or utterly
223. specialize in ac\_\_\_\_\_cs      *n.* a branch of physics that deals with the study of mechanical waves in gases, liquids, and solids, including topics such as vibration, sound, ultrasound, and infrasound
224. cr\_\_e manners      *adj.* being in an unrefined or natural state; (noun) the unprocessed form of oil
225. tr\_\_\_\_\_it information      *v.* to send or forward an electronic signal; to pass something from one person or thing to another
226. fa\_\_\_\_\_ty design      *n.* a building or place that provides a particular service or is used for a particular industry

ANSWERS: 217. mention, 218. awful, 219. imbue, 220. electrical, 221. funnel, 222. absolutely, 223. acoustics, 224. crude, 225. transmit, 226. facility

227. a co\_\_\_\_\_nt remark *adj.* feeling sure about your abilities or qualities or having trust in people, plans, or the future
228. im\_\_\_\_\_e a process *v.* to make or become better
229. clear in\_\_\_\_\_on *n.* something you want to do and are going to do
230. an al\_\_m clock *n.* a loud noise or an automatic signal that warns people of danger; a device that signals the occurrence of some undesirable event or particular danger
231. di\_\_\_\_\_e this kind of food *v.* to not like someone or something
232. su\_\_\_\_\_ed economic growth *adj.* lasting for a long time or continuing for a long time without becoming weaker or less intense
233. an\_\_\_\_\_ng habit *adj.* making someone feel slightly angry
234. in\_\_\_\_t a graphic *v.* to put something inside something else
235. hy\_\_\_\_\_ic effect *adj.* inducing sleep; causing sleepiness, mainly as a result of a repetitive noise or motion
236. r\_\_y entirely on him *v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
237. the th\_\_\_\_l of speed *n.* a feeling of extreme and sudden excitement and pleasure; to cause someone to feel sudden intense sensation or emotion

ANSWERS: 227. confident, 228. improve, 229. intention, 230. alarm, 231. dislike, 232. sustained, 233. annoying, 234. insert, 235. hypnotic, 236. rely, 237. thrill



238. ill fo\_\_\_\_e *n.* a large amount of money or property; chance or luck as an unknown and arbitrary force affecting human affairs
239. pre-mo\_\_\_\_n agricultural society *adj.* of or belonging to the present time or recent times
240. ac\_\_\_\_e success *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
241. op\_\_\_\_ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
242. st\_\_\_\_le against discrimination *v.* to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction
243. financial a\_d *n.* things sent to help countries in need, notably food or money; support
244. basic br\_\_n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
245. in\_\_\_\_on behind his decision *n.* something you want to do and are going to do
246. m\_\_d allergy *n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

ANSWERS: 238. fortune, 239. modern, 240. achieve, 241. opportune, 242. struggle, 243. aid, 244. brain, 245. intention, 246. mold

247. 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
248. r\_\_y on convenience stores *v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
249. ch\_\_\_\_\_r of a political party *n.* a separate section of a written work usually numbered and titled
250. ominous pr\_\_\_\_\_e *n.* an introductory or preparatory piece of music often played before a larger work or performance; a preliminary or introductory event or action
251. el\_\_\_\_\_de corrosion *n.* either of two points or ends of a conductor at which electricity enters or leaves an object, substance, or region
252. ac\_\_\_\_\_ic properties of a hall *adj.* relating to sound or the sense of hearing
253. me\_\_\_\_\_al chemistry *adj.* of or relating to the treatment or cure of disease
254. lexical se\_\_\_\_\_cs *n.* the branch of linguistics and logic concerned with meaning
255. in\_\_\_e with spirit *v.* to fill something with a particular quality, feeling, or influence; to imbue

ANSWERS: 247. process, 248. rely, 249. chapter, 250. prelude, 251. electrode, 252. acoustic, 253. medicinal, 254. semantics, 255. infuse

256. un\_\_\_\_\_o surgery *v.* to go through something unpleasant or that involves a change
257. sp\_\_\_\_\_ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
258. im\_\_\_\_\_e the test score *v.* to make or become better
259. short video c\_\_p *n.* a small metal or plastic device used for holding an object or objects together or in place; a short part of electronic media, either an audio clip or video clip
260. ecological res\_\_\_\_\_on *n.* the act or process of restoring or returning something to its original or former state; a renewal or revitalization of something that has been damaged or lost
261. a prosthetic l\_\_b *n.* an arm and leg of a person or animal
262. art cr\_\_\_\_c *n.* someone who expresses opinions about the quality of books, music, etc.
263. reh\_\_\_\_\_ate wildlife *v.* to restore to good health or physical condition; to help someone return to a normal life, especially after a period of illness, addiction, or imprisonment
264. military st\_\_\_\_\_gy *n.* a detailed plan of action designed to achieve a long-term or overall goal.
265. fr\_\_\_\_\_nt flowers *adj.* having a pleasant or sweet-smelling scent; having an agreeable or strong aroma
266. ac\_\_\_\_\_ic guitar *adj.* relating to sound or the sense of hearing

ANSWERS: 256. undergo, 257. specific, 258. improve, 259. clip, 260. restoration, 261. limb, 262. critic, 263. rehabilitate, 264. strategy, 265. fragrant, 266. acoustic

267. pe\_\_\_\_ve a threat      *v.* to become aware or conscious of something through the senses
268. voc\_\_\_\_\_al school      *adj.* of or relating to an occupation or employment; providing or undergoing training in special skills that prepare you for a particular job
269. 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
270. ro\_\_\_\_t growth      *adj.* sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity
271. lu\_\_\_\_\_us lifestyle      *adj.* characterized by or affording something excessively expensive; rich and comfortable
272. standard pr\_\_\_\_\_re      *n.* a way of doing something, especially the official or well-known way
273. ane\_\_\_\_\_ia for surgery      *n.* a state of controlled, temporary loss of bodily sensation or awareness that is induced for medical purposes
274. bit of good fo\_\_\_\_\_e      *n.* a large amount of money or property; chance or luck as an unknown and arbitrary force affecting human affairs
275. first-aid tr\_\_\_\_\_nt      *n.* the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.

ANSWERS: 267. perceive, 268. vocational, 269. instrument, 270. robust, 271. luxurious, 272. procedure, 273. anesthesia, 274. fortune, 275. treatment

276. an un\_\_\_\_d story      *adj.* not heard, listened to, or noticed; not having been brought to public attention
277. 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
278. sk\_\_l fracture      *n.* a bone framework that surrounds the brain and gives the head its shape
279. teeth res\_\_\_\_on      *n.* the act or process of restoring or returning something to its original or former state; a renewal or revitalization of something that has been damaged or lost
280. sleep pro\_\_\_\_ly      *adv.* to a great or complete degree; deeply
281. a de\_\_t education      *adj.* satisfactory, acceptable, or good in a general sense
282. in\_\_t coin      *v.* to put something inside something else
283. me\_\_r for life      *n.* a person who helps and advises a younger or less experienced person over time, usually at work or school
284. undergo a surgical pr\_\_\_\_re      *n.* a way of doing something, especially the official or well-known way
285. de\_\_\_\_l level      *n.* (also "dB") a unit used to measure the intensity of sound or the comparative loudness of two sounds based on a logarithmic scale

ANSWERS: 276. unheard, 277. function, 278. skull, 279. restoration, 280. profoundly, 281. decent, 282. insert, 283. mentor, 284. procedure, 285. decibel

286. develop a st\_\_\_\_gy *n.* a detailed plan of action designed to achieve a long-term or overall goal.
287. impose lim\_\_\_\_\_on *n.* a rule or act that restricts the scope of something
288. bu\_\_e with books *v.* to protrude or extend outward
289. voc\_\_\_\_\_al training *adj.* of or relating to an occupation or employment; providing or undergoing training in special skills that prepare you for a particular job
290. an aw\_\_l error *adj.* causing fear, dread, or terror; very bad or unpleasant
291. gr\_\_e mistake *n.* a place where a dead body is buried, typically marked by a headstone or other memorial; a very serious, solemn, or important matter; (verb) to carve, cut, or etch a design, inscription, or mark onto a hard surface, such as stone or metal; (adjective) serious, solemn, or weighty in nature
292. su\_\_\_\_\_ly attacked by an enemy *adv.* quickly and unexpectedly
293. co\_\_\_x cells *n.* the outermost layer of an organ, especially the brain
294. ha\_\_\_\_\_ed connection *adj.* built-in or innate, often referring to behavior or traits that are instinctive or automatic, as if pre-programmed in the brain or genetics
295. a child with se\_\_\_\_\_y issues *adj.* of or relating to the physical senses
296. a simple me\_\_\_y *n.* a succession of musical tones forming part of a larger piece of music

ANSWERS: 286. strategy, 287. limitation, 288. bulge, 289. vocational, 290. awful, 291. grave, 292. suddenly, 293. cortex, 294. hardwired, 295. sensory, 296. melody

297. cultural n__m	<i>n.</i> something that is regarded as usual, typical, or standard
298. l__b amputation	<i>n.</i> an arm and leg of a person or animal
299. re_____e the emperor to the throne	<i>v.</i> to repair or return something or someone to a previous good state or position
300. platinum el_____des	<i>n.</i> either of two points or ends of a conductor at which electricity enters or leaves an object, substance, or region
301. protection against vi_____on	<i>n.</i> a continuous quick and slight shaking movement
302. a se_____y organ	<i>adj.</i> of or relating to the physical senses
303. co_____al neurons	<i>adj.</i> relating to or located in the outer layer of an organ or body structure, particularly the cortex of the brain
304. keen per_____on	<i>n.</i> a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses
305. c__y animation	<i>n.</i> a natural, earthy material that is made up of very small particles of minerals and can be molded when wet and then fired to produce ceramics
306. a per_____ve view	<i>n.</i> a confident attitude toward something; a particular style of thinking about something
307. music au_____on	<i>n.</i> a performance or test given by an actor, musician, or other performers to demonstrate their abilities and suitability for a particular role or position

ANSWERS: 297. norm, 298. limb, 299. restore, 300. electrode, 301. vibration, 302. sensory, 303. cortical, 304. perception, 305. clay, 306. perspective, 307. audition

308. awe-in\_\_\_\_\_ng sight *adj.* stimulating and motivating you to want to do something
309. the evo\_\_\_\_\_ary process *adj.* relating to or denoting how living things develop or change from earlier forms
310. reh\_\_\_\_\_ate prisoners *v.* to restore to good health or physical condition; to help someone return to a normal life, especially after a period of illness, addiction, or imprisonment
311. mystical sig\_\_\_\_\_nce *n.* the importance or value attached to something; the quality of being significant or noteworthy
312. local ane\_\_\_\_\_ia *n.* a state of controlled, temporary loss of bodily sensation or awareness that is induced for medical purposes
313. the ti\_\_\_e of her soprano *n.* the quality of sound that is produced by particular voices or musical instruments sounds different from each other
314. give properties by te\_\_\_\_\_nt *n.* a thing that proves the existence or truth of something else
315. pro\_\_\_\_\_ly insightful *adv.* to a great or complete degree; deeply
316. de\_\_\_\_\_us breeze *adj.* exceptionally pleasing to taste or smell
317. a ha\_\_\_\_\_y of colors *n.* the combination of simultaneous musical notes to produce a pleasing effect; an attractive combination of related things and their properties
318. ab\_\_\_\_\_ct science *adj.* based on general ideas, feelings, or qualities and not on any a physical or concrete existence

ANSWERS: 308. inspiring, 309. evolutionary, 310. rehabilitate, 311. significance, 312. anesthesia, 313. timbre, 314. testament, 315. profoundly, 316. delicious, 317. harmony, 318. abstract



319. pe\_\_\_\_ve light                    *v.*    to become aware or conscious of something through the senses
320. break a ha\_\_\_\_y                    *n.*    the combination of simultaneous musical notes to produce a pleasing effect; an attractive combination of related things and their properties
321. a serious to\_\_c                    *n.*    a subject that is being discussed or written about
322. an\_\_y everyone else                *v.*    to make someone angry, anxious, or irritating slightly
323. 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
324. the professor of su\_\_\_\_y            *n.*    medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures
325. a two-dimensional ar\_\_y            *n.*    a large group or collection of things or people, especially one that is impressive or attractive
326. pa\_\_\_\_t with weight loss            *n.*    a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic

ANSWERS: 319. perceive, 320. harmony, 321. topic, 322. annoy, 323. instrument, 324. surgery, 325. array, 326. patient

327. ease of com\_\_\_\_\_on *n.* the consideration or examination of the similarities between two or more people or things
328. development of the ne\_\_\_\_\_s system *adj.* worried and anxious about something; relating to the nerves
329. 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
330. an ob\_\_\_\_\_le to progress *n.* a thing that blocks one's way or prevents or hinders progress
331. op\_\_\_\_\_ze a process *v.* to make the best or most effective use of something
332. pa\_\_\_\_\_t in the hospital *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
333. st\_\_\_\_\_le to get the job *v.* to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction
334. co\_\_\_\_\_t fat into energy *v.* to have a talk with someone; (adjective) reversed in order, relation, or action
335. a scanty ha\_\_\_\_\_t *n.* yields of plants in a single growing season; the period of the year when gathering occurs on a farm
336. en\_\_\_\_\_e the company to use the logo *v.* to give someone the right to have or do something; to give a title to someone or something

ANSWERS: 327. comparison, 328. nervous, 329. stick, 330. obstacle, 331. optimize, 332. patient, 333. struggle, 334. convert, 335. harvest, 336. entitle

337. ex\_\_\_e the crowd      *v.* to make someone feel suddenly enthusiastic or eager
338. ra\_\_\_\_\_ze the order of the numbers      *v.* to arrange or select by or depending on chance; to make something random
339. an o\_l hooted      *n.* a nocturnal bird of prey with large eyes, a facial disc, and typically a loud hooting call
340. re\_\_\_\_\_e order      *v.* to repair or return something or someone to a previous good state or position
341. im\_\_\_\_\_t genes in the animals      *v.* to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind
342. di\_\_\_\_\_s solutions      *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
343. a night o\_l      *n.* a nocturnal bird of prey with large eyes, a facial disc, and typically a loud hooting call
344. ex\_\_\_e the past      *v.* to dig up or remove something, especially a corpse, from a grave or other burial place; to uncover or bring something hidden or forgotten to light
345. previously un\_\_\_\_\_d-of economic development      *adj.* not heard, listened to, or noticed; not having been brought to public attention
346. please revise li\_\_\_\_\_se      *adv.* in the same way
347. variety of de\_\_\_\_\_us foods      *adj.* exceptionally pleasing to taste or smell

ANSWERS: 337. excite, 338. randomize, 339. owl, 340. restore, 341. implant, 342. discuss, 343. owl, 344. exhume, 345. unheard, 346. likewise, 347. delicious

348. jo\_\_\_\_l articles *n.* a newspaper or magazine specialized in a specific topic or profession
349. pr\_\_\_\_le outcome *adj.* likely to happen or likely to be true
350. the ti\_\_\_e of a musical sound *n.* the quality of sound that is produced by particular voices or musical instruments sounds different from each other
351. a hea\_\_\_\_\_ing tale of love *adj.* seeming to be something good and therefore causing gladness and pleasure
352. gr\_\_e an image *n.* a place where a dead body is buried, typically marked by a headstone or other memorial; a very serious, solemn, or important matter; (verb) to carve, cut, or etch a design, inscription, or mark onto a hard surface, such as stone or metal; (adjective) serious, solemn, or weighty in nature

ANSWERS: 348. journal, 349. probable, 350. timbre, 351. heartwarming, 352. grave

## Session 3: Fill in the Blanks

1. Skydiving is an overwhelming \_\_\_\_\_ for many people.  
*n.* a feeling of extreme and sudden excitement and pleasure; to cause someone to feel sudden intense sensation or emotion
  
2. His voice had a \_\_\_\_\_ quality for me.  
*adj.* inducing sleep; causing sleepiness, mainly as a result of a repetitive noise or motion
  
3. The two products \_\_\_\_\_ in their quality and price.  
*v.* to be not like someone or something in some way
  
4. The train has to \_\_\_\_\_ rigorous safety checks.  
*v.* to go through something unpleasant or that involves a change
  
5. The \_\_\_\_\_ of the sentence could have been clearer and easier to understand.  
*n.* the branch of linguistics and logic concerned with meaning
  
6. The museum offers a variety of \_\_\_\_\_ programs for children and adults.  
*adj.* relating to education or providing knowledge or instruction
  
7. Our CEO's \_\_\_\_\_ are always transparent and straightforward.  
*n.* something you want to do and are going to do
  
8. I recently \_\_\_\_\_ dropping out of school and getting a full-time job.  
*v.* to think about a possible future action or to think about something for a long time thoughtfully

ANSWERS: 1. thrill, 2. hypnotic, 3. differed, 4. undergo, 5. semantics, 6. educational, 7. intentions, 8. contemplated

9. The experiment yielded \_\_\_\_\_ results that support his theory.

*adj.* sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity

10. She was diagnosed with a \_\_\_\_\_ buildup in her lungs.

*n.* a substance that can flow and is not solid

11. 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

12. He is in general \_\_\_\_\_ under the surgeon.

*n.* a state of controlled, temporary loss of bodily sensation or awareness that is induced for medical purposes

13. 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

14. Who answers \_\_\_\_\_ knows little.

*adv.* quickly and unexpectedly

15. I have an \_\_\_\_\_ for a role in a play tomorrow.

*n.* a performance or test given by an actor, musician, or other performers to demonstrate their abilities and suitability for a particular role or position

16. Archaeologists found a Neanderthal \_\_\_\_\_ at that historic site.

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

ANSWERS: 9. robust, 10. fluid, 11. instrument, 12. anesthesia, 13. process, 14. suddenly, 15. audition, 16. skull

17. The systems we have developed has accepted as industry \_\_\_\_\_.  
*n.* something that is regarded as usual, typical, or standard
18. The frequent performances of the \_\_\_\_\_ prove its popularity.  
*n.* a long musical composition in Western classical music for orchestra, usually with three or four main parts called movements
19. \_\_\_\_\_ all the parties signed the contract.  
*adv.* almost completely
20. The pilot and flight attendant ran through the check-out \_\_\_\_\_.  
*n.* a way of doing something, especially the official or well-known way
21. I heard the \_\_\_\_\_ of an ambulance and moved my car to the side of the road.  
*n.* a device that emits a loud, piercing sound, typically used as a warning or to get attention; historically, a creature in Greek mythology whose enchanting voice would lure sailors toward danger
22. We enjoyed the \_\_\_\_\_ hospitality of the host.  
*adj.* seeming to be something good and therefore causing gladness and pleasure
23. The \_\_\_\_\_ group of students came from different countries and spoke various languages.  
*adj.* diverse in character or content; composed of parts of different kinds; not uniform
24. Advocates for legal reform hear less harsh words from their \_\_\_\_\_.  
*n.* someone who expresses opinions about the quality of books, music, etc.

ANSWERS: 17. norms, 18. symphony, 19. Virtually, 20. procedure, 21. siren, 22. heartwarming, 23. heterogeneous, 24. critics

25. The budget reduction was an \_\_\_\_\_ feat for our nation.

*adj.* arousing admiration due to size, quality, or skill

26. The \_\_\_\_\_ student needed an interpreter to understand the lecture.

*adj.* lacking the ability to hear, or having impaired hearing; unresponsive or unaware of certain sounds or signals

27. He suffers from \_\_\_\_\_ breakdowns.

*adj.* worried and anxious about something; relating to the nerves

28. The physician is reading the \_\_\_\_\_ related to medicine

*n.* a newspaper or magazine specialized in a specific topic or profession

29. Her voice gradually increased in \_\_\_\_\_.

*n.* the property of sound that varies with variation in the frequency of vibration; the degree of a slope, especially of a roof; short presentation for selling or sharing something

30. The ground acts as an \_\_\_\_\_ barrier against outside sounds.

*adj.* relating to sound or the sense of hearing

31. They had experienced the \_\_\_\_\_ of losing two children due to premature births.

*n.* a feeling of great sadness or disappointment

32. Parents often \_\_\_\_\_ their characteristics to their children.

*v.* to send or forward an electronic signal; to pass something from one person or thing to another

ANSWERS: 25. impressive, 26. deaf, 27. nervous, 28. journals, 29. pitch, 30. acoustic, 31. heartbreak, 32. transmit



33. The more \_\_\_\_\_ you are, the more people around you look at you with envy and jealousy.

*adj.* extremely clever, skilled, or impressive

34. The organization works to \_\_\_\_\_ drug addicts and help them rebuild their lives.

*v.* to restore to good health or physical condition; to help someone return to a normal life, especially after a period of illness, addiction, or imprisonment

35. Her constant chatter was starting to \_\_\_\_\_ the neighbors.

*v.* to make someone angry, anxious, or irritating slightly

36. Actuators convert \_\_\_\_\_ pulses into motion.

*adj.* relating to electricity

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

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

38. It is important to place the \_\_\_\_\_ in the correct position for accurate electro-cardiogram recording.

*n.* either of two points or ends of a conductor at which electricity enters or leaves an object, substance, or region

39. \_\_\_\_\_ displaced part of the mechanism.

*n.* a continuous quick and slight shaking movement

40. Mushrooms and \_\_\_\_\_ are fungi.

*n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

ANSWERS: 33. brilliant, 34. rehabilitate, 35. annoy, 36. electrical, 37. harvest, 38. electrodes, 39. Vibration, 40. mold

41. He could not \_\_\_\_\_ against temptation.

- v.* to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction

42. 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

43. The essence of economics is to \_\_\_\_\_ the allocation of limited resources.

- v.* to make the best or most effective use of something

44. He fastens some sheets of paper with a \_\_\_\_\_.

- n.* a small metal or plastic device used for holding an object or objects together or in place; a short part of electronic media, either an audio clip or video clip

45. The senator received \_\_\_\_\_ criticism from his opponent.

- adj.* extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous

46. The \_\_\_\_\_ of the ancient civilization can still be seen in the city's ruins.

- n.* the leftover parts or pieces of something that have been destroyed, removed, or consumed; the physical or biological remains of a deceased person, plant, animal

47. His \_\_\_\_\_ jokes made her angry.

- adj.* being in an unrefined or natural state; (noun) the unprocessed form of oil

48. Mozart was an \_\_\_\_\_ prodigy.

- n.* a baby or very young child

ANSWERS: 41. struggle, 42. environment, 43. optimize, 44. clip, 45. severe, 46. remains, 47. crude, 48. infant

49. You should wrap the bandage carefully and firmly around the injured \_\_\_\_\_.  
*n.* an arm and leg of a person or animal
50. The oscillator hunts for the correct \_\_\_\_\_.  
*n.* an ordered array of colors into which a light beam can be split
51. Scientific knowledge will \_\_\_\_\_ significantly with the power of AI.  
*v.* to go or move forward; to develop in a positive way
52. We need to \_\_\_\_\_ the next steps for the project during our meeting tomorrow.  
*v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
53. The \_\_\_\_\_ aroma of fresh flowers filled the room.  
*adj.* having a pleasant or sweet-smelling scent; having an agreeable or strong aroma
54. She played a beautiful melody on the \_\_\_\_\_.  
*n.* a brass musical instrument with a flared bell and a bright, penetrating tone;  
(verb) to announce or praise loudly or publicly
55. The \_\_\_\_\_ melody was beautiful and touched everyone's hearts.  
*adj.* not heard, listened to, or noticed; not having been brought to public attention
56. Their headquarters are in a \_\_\_\_\_ skyscraper.  
*adj.* of or belonging to the present time or recent times
57. This device is used to \_\_\_\_\_ brain cancer and other tumors.  
*v.* to determine or distinguish the nature of a problem or an illness through a careful analysis

ANSWERS: 49. limb, 50. frequency, 51. advance, 52. discuss, 53. fragrant, 54. trumpet, 55. unheard, 56. modern, 57. diagnose

58. He is tall and \_\_\_\_\_ strong.

*adv.* in the same way

59. We worked in perfect \_\_\_\_\_.

*n.* the combination of simultaneous musical notes to produce a pleasing effect; an attractive combination of related things and their properties

60. Eyeless fish \_\_\_\_\_ in dark caves.

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

61. We have to use a \_\_\_\_\_ to pour petrol into the tank.

*n.* a tube or pipe that is wide at the top, sloping sides, narrow at the bottom, used for pouring liquids or powders into a small opening; a smokestack on a ship or steam engine

62. They found a \_\_\_\_\_ place to play catch.

*adj.* valuable and convenient; easy or ready to reach or use

63. The invention of the camera triggered the development of \_\_\_\_\_ painting.

*adj.* based on general ideas, feelings, or qualities and not on any a physical or concrete existence

64. The phone call is an \_\_\_\_\_ interruption.

*adj.* making someone feel slightly angry

65. The \_\_\_\_\_ of his discovery cannot be overstated.

*n.* the importance or value attached to something; the quality of being significant or noteworthy

ANSWERS: 58. likewise, 59. harmony, 60. evolved, 61. funnel, 62. handy, 63. abstract, 64. annoying, 65. significance

66. It seems \_\_\_\_\_ that he has forgotten our scheduled meeting.

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

67. His father's death changed his whole \_\_\_\_\_ on life.

*n.* a confident attitude toward something; a particular style of thinking about something

68. I regretted making an \_\_\_\_\_ mistake in my final exam.

*adj.* causing fear, dread, or terror; very bad or unpleasant

69. The employee was \_\_\_\_\_ to a week of vacation time.

*v.* to give someone the right to have or do something; to give a title to someone or something

70. The novel affected her \_\_\_\_\_ causing her to question her beliefs and values.

*adv.* to a great or complete degree; deeply

71. \_\_\_\_\_ algorithms can find ways to optimize that humans do not anticipate.

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

72. The structure is \_\_\_\_\_ of three main components.

*v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it

73. We need to \_\_\_\_\_ our products in an attractive way to attract customers.

*v.* to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value

ANSWERS: 66. probable, 67. perspective, 68. awful, 69. entitled, 70. profoundly, 71. Evolutionary, 72. composed, 73. display

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

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

75. Later, his claim was found to be \_\_\_\_\_ false.

*adv.* completely

76. The book's introductory chapter provided a \_\_\_\_\_ to the rest of the story.

*n.* an introductory or preparatory piece of music often played before a larger work or performance; a preliminary or introductory event or action

77. Our plan includes a comprehensive marketing \_\_\_\_\_.

*n.* a detailed plan of action designed to achieve a long-term or overall goal.

78. The doctor will \_\_\_\_\_ a pacemaker to regulate his heart rate.

*v.* to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind

79. The cello is a member of the \_\_\_\_\_ family.

*n.* a four-stringed wooden musical instrument held against the neck and played by passing a bow across the strings

80. Sharks have highly developed \_\_\_\_\_ systems and are extremely sensitive creatures.

*adj.* of or relating to the physical senses

81. The loud noise ruptured my \_\_\_\_\_ and I had to go to the hospital.

*n.* a membrane in the middle ear that vibrates in response to sound waves and transmits the vibrations to the inner ear

ANSWERS: 74. opportune, 75. entirely, 76. prelude, 77. strategy, 78. implant, 79. violin, 80. sensory, 81. eardrum,

82. I want to \_\_\_\_\_ my sadness into strength.

*v.* to have a talk with someone; (adjective) reversed in order, relation, or action

83. The singer's range was impressive, covering three \_\_\_\_\_ with ease.

*n.* a musical interval encompassing eight diatonic scale degrees, such as the interval from C to the next C in a C major scale

84. His voice had a deep \_\_\_\_\_.

*n.* the quality of sound that is produced by particular voices or musical instruments sounds different from each other

85. He has shown signs of uneasiness and \_\_\_\_\_ worry.

*adj.* very great or intense; so powerful that you cannot fight or react against it

86. The \_\_\_\_\_ of the discussion was the current state of the economy.

*n.* a subject that is being discussed or written about

87. 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

88. Pakistan's \_\_\_\_\_ budget was still being reviewed.

*n.* things sent to help countries in need, notably food or money; support

89. A decade ago, it was \_\_\_\_\_ impossible to cure this disease completely.

*adv.* in a way that relates to the practice of medicine and the treatment of illness and injury

ANSWERS: 82. convert, 83. octaves, 84. timbre, 85. overwhelming, 86. topic, 87. stick, 88. aid, 89. medically

90. Human behavior has \_\_\_\_\_ characteristics.

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

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

*adj.* worthy of attention because unusual or special

92. Many innocent civilians were killed and buried in mass \_\_\_\_\_ outside the city during the war.

*n.* a place where a dead body is buried, typically marked by a headstone or other memorial; a very serious, solemn, or important matter; (verb) to carve, cut, or etch a design, inscription, or mark onto a hard surface, such as stone or metal; (adjective) serious, solemn, or weighty in nature

93. The sculptor carefully molded the \_\_\_\_\_ into the desired shape.

*n.* a natural, earthy material that is made up of very small particles of minerals and can be molded when wet and then fired to produce ceramics

94. The orchestra began its performance with a stunning \_\_\_\_\_ that set the tone for the rest of the concert.

*n.* an introduction or opening to something, particularly a musical or theatrical performance; a proposal or gesture made as an opening move in negotiations or discussion

95. X-rays revealed a small tumor in his \_\_\_\_\_.

*n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling

96. Capitalism guarantees the right of ownership of personal \_\_\_\_\_.

*n.* a large amount of money or property; chance or luck as an unknown and arbitrary force affecting human affairs

ANSWERS: 90. fundamental, 91. remarkable, 92. graves, 93. clay, 94. overture, 95. brain, 96. fortune



97. The \_\_\_\_\_ nature of the universe is a subject of much debate among scientists.

*adj.* of or relating to time as opposed to eternity

98. Babies heavily \_\_\_\_\_ on others for food.

*v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.

99. The military regime has promised to \_\_\_\_\_ democracy as soon as possible.

*v.* to repair or return something or someone to a previous good state or position

100. The \_\_\_\_\_ team worked quickly to save the patient's life.

*adj.* relating to the treatment of illness or injuries; relating to the practice of medicine

101. She \_\_\_\_\_ fresh herbs into the soup for added flavor.

*v.* to fill something with a particular quality, feeling, or influence; to imbue

102. 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

103. She \_\_\_\_\_ a new chapter into her manuscript.

*v.* to put something inside something else

104. The physicist specializes in \_\_\_\_\_.

*n.* a branch of physics that deals with the study of mechanical waves in gases, liquids, and solids, including topics such as vibration, sound, ultrasound, and infrasound

ANSWERS: 97. temporal, 98. rely, 99. restore, 100. medical, 101. infused, 102. stimming, 103. inserted, 104. acoustics

105. The study participants were \_\_\_\_\_ into two groups to control for bias.  
*v.* to arrange or select by or depending on chance; to make something random
106. The company experienced \_\_\_\_\_ growth over the past decade.  
*adj.* lasting for a long time or continuing for a long time without becoming weaker or less intense
107. Climbing to the \_\_\_\_\_ of the mountain is a challenge that many outdoor enthusiasts strive to achieve.  
*n.* the highest point or peak of something, particularly a mountain or a career; the greatest or highest level of achievement or success
108. This harmonious \_\_\_\_\_ immortalized its composer.  
*n.* a succession of musical tones forming part of a larger piece of music
109. I hope to \_\_\_\_\_ in my career and live a happy life.  
*v.* to accomplish or achieve a desired or intended result or goal; to prosper or attain success in a given field or endeavor
110. He was served with a \_\_\_\_\_ of eviction, giving him the notice to vacate the property.  
*n.* a written legal order or command
111. Damage to the \_\_\_\_\_ can cause hearing loss or deafness.  
*n.* a spiral-shaped cavity in the inner ear that is responsible for hearing; it contains sensory hair cells that convert vibrations into electrical signals that are sent to the brain for interpretation
112. These models explain why you can't \_\_\_\_\_ yourself.  
*v.* to lightly touch a sensitive part of somebody's body in a way that makes them laugh

ANSWERS: 105. randomized, 106. sustained, 107. pinnacle, 108. melody, 109. succeed, 110. writ, 111. cochlea, 112. tickle

113. The cerebral \_\_\_\_\_ consists of six layers.

*n.* the outermost layer of an organ, especially the brain

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

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

115. As a \_\_\_\_\_ he helped me realize my career.

*n.* a person who helps and advises a younger or less experienced person over time, usually at work or school

116. She visited the local \_\_\_\_\_ to seek treatment for her persistent headache.

*n.* a medical doctor who practices medicine

117. I am \_\_\_\_\_ opposed to his idea because of morality.

*adv.* without restriction or limitation; completely or utterly

118. He had undergone heart \_\_\_\_\_ years before.

*n.* medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures

119. The \_\_\_\_\_ of the historic building took years, but the result was worth it.

*n.* the act or process of restoring or returning something to its original or former state; a renewal or revitalization of something that has been damaged or lost

120. 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

ANSWERS: 113. cortex, 114. medicinal, 115. mentor, 116. physician, 117. absolutely, 118. surgery, 119. restoration, 120. biology

121. Disability is a physical \_\_\_\_\_ to living everyday life.  
*n.* a rule or act that restricts the scope of something
122. An \_\_\_\_\_ teacher might spark students' motivation to succeed.  
*adj.* stimulating and motivating you to want to do something
123. His wealth is a \_\_\_\_\_ to his success.  
*n.* a thing that proves the existence or truth of something else
124. The Prime Minister will pay a courtesy visit to the Nobel laureate's \_\_\_\_\_.  
*n.* a workplace for the conduct of scientific research; a laboratory
125. Economists contend that taxes \_\_\_\_\_ consumer behavior in general.  
*v.* to change something's shape, appearance, or sound so that it appears weird or unclear
126. As a first \_\_\_\_\_ we agreed to meet the following Friday.  
*n.* a plan or preparation for the future event; the action or process of placing things in a particular order
127. The \_\_\_\_\_ announcing an enemy attack went off this morning.  
*n.* a loud noise or an automatic signal that warns people of danger; a device that signals the occurrence of some undesirable event or particular danger
128. The sprinter has a \_\_\_\_\_ way of running.  
*adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)

ANSWERS: 121. limitation, 122. inspiring, 123. testament, 124. lab, 125. distort, 126. arrangement, 127. alarm, 128. dynamic

129. Australia is widely \_\_\_\_\_ as having low levels of corruption.

*v.* to become aware or conscious of something through the senses

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

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

131. Many researchers are monitoring environmental \_\_\_\_\_ in real-time through satellites.

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

132. The \_\_\_\_\_ is a serious threat to the farm's output.

*n.* an insect with wings similar to a butterfly that travels at night and is attracted to light

133. He tends to \_\_\_\_\_ his abilities and needs to give himself more credit.

*v.* to represent something as less important or significant than it is; to downplay or make something seem less dramatic or intense

134. The \_\_\_\_\_ course was challenging but fun.

*n.* a thing that blocks one's way or prevents or hinders progress

135. Nerve \_\_\_\_\_ cross a synapse through the action of neurotransmitters.

*n.* a sudden strong and unreflective wish or need to do something; the electrical discharge that travels along a nerve fiber

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

*adj.* based on scientific and industrial progress

ANSWERS: 129. perceived, 130. specific, 131. degradation, 132. moth, 133. understate, 134. obstacle, 135. impulses, 136. Technological

137. The doctor carefully examined the \_\_\_\_\_ medical history.

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

138. The news of her promotion \_\_\_\_\_ her.

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

139. He is a man admired for the depth of his \_\_\_\_\_.

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

140. We \_\_\_\_\_ a cease-fire.

- v.* to come to an end or close; to reach a judgment or opinion by reasoning

141. He tried to \_\_\_\_\_ his children with a love of learning and curiosity.

- v.* to inspire or permeate something or someone with a particular feeling or quality; to saturate or fill something with a specific color, taste, or smell

142. The instinct to protect one's offspring is \_\_\_\_\_ into many animal species.

- adj.* built-in or innate, often referring to behavior or traits that are instinctive or automatic, as if pre-programmed in the brain or genetics

143. He is a skilled \_\_\_\_\_ that has many years of training and experience.

- n.* a doctor who is trained to perform medical operations that involve cutting open a person's body

144. The teacher asked the students to \_\_\_\_\_ between the two similar species of birds.

- v.* to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative

ANSWERS: 137. patient's, 138. excited, 139. perception, 140. concluded, 141. imbue, 142. hardwired, 143. surgeon, 144. differentiate

145. He \_\_\_\_\_ jumped out of his chair when he heard the news.

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

146. The authorities had to \_\_\_\_\_ the body for further investigation into the cause of death.

*v.* to dig up or remove something, especially a corpse, from a grave or other burial place; to uncover or bring something hidden or forgotten to light

147. We want to \_\_\_\_\_ ties between our two countries.

*v.* to make or become better

148. The athlete's \_\_\_\_\_ performance broke all previous records.

*adj.* extremely good or impressive; outstanding

149. Human \_\_\_\_\_ responses vary widely depending on the society to which they belong.

*adj.* relating to people's feelings

150. As an \_\_\_\_\_ he had the right to make his own decisions and live his life as he saw fit.

*n.* a single person or thing, as distinct from a group

151. Her response revealed \_\_\_\_\_ idiocy.

*adj.* unbelievable; enormous

152. The uniformed \_\_\_\_\_ showed the guests to their seats.

*n.* a person who shows people to their seats in a theater or church or who guides them through a building

ANSWERS: 145. literally, 146. exhume, 147. improve, 148. phenomenal, 149. emotional, 150. individual, 151. incredible, 152. usher

153. I \_\_\_\_\_ to him that I had seen his sister at the grocery store earlier that day.  
*v.* to speak or write about something or someone briefly
154. She was living in a \_\_\_\_\_ apartment in the city.  
*adj.* characterized by or affording something excessively expensive; rich and comfortable
155. The final \_\_\_\_\_ provides a summary of the discussion.  
*n.* a separate section of a written work usually numbered and titled
156. I will work hard to \_\_\_\_\_ my goals and realize my dreams.  
*v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
157. We could grill the meat in a \_\_\_\_\_ way.  
*adj.* exceptionally pleasing to taste or smell
158. I'm not \_\_\_\_\_ in our victory.  
*adj.* feeling sure about your abilities or qualities or having trust in people, plans, or the future
159. The \_\_\_\_\_ nerve carries sound signals from the ear to the brain.  
*adj.* of or relating to hearing or the ability to hear
160. The muscles in his arm \_\_\_\_\_ as he lifted the heavyweights.  
*v.* to protrude or extend outward
161. 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: 153. mentioned, 154. luxurious, 155. chapter, 156. achieve, 157. delicious, 158. confident, 159. auditory, 160. bulged, 161. function



162. She \_\_\_\_\_ stated her opinion, leaving no room for misinterpretation.

*adv.* clearly and simply; in a straightforward and easy-to-understand manner

163. He beat out a jazz \_\_\_\_\_ on the cajones.

*n.* a strong regular repeated pattern of sounds, words, or musical notes that are used in music, poetry, and dancing

164. This company has an entire recycling \_\_\_\_\_ including major reprocessing plants.

*n.* a building or place that provides a particular service or is used for a particular industry

165. He seems to \_\_\_\_\_ all forms of exercise.

*v.* to not like someone or something

166. The in-house system provided traineeships in \_\_\_\_\_ rehabilitation.

*adj.* of or relating to an occupation or employment; providing or undergoing training in special skills that prepare you for a particular job

167. The snowy \_\_\_\_ is a large, white bird often seen in the Arctic.

*n.* a nocturnal bird of prey with large eyes, a facial disc, and typically a loud hooting call

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

*adj.* sharply exact or accurate or delimited

169. I've included the two designs for a \_\_\_\_\_.

*n.* the consideration or examination of the similarities between two or more people or things

ANSWERS: 162. plainly, 163. rhythm, 164. facility, 165. dislike, 166. vocational, 167. owl, 168. precise, 169. comparison

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

*adv.* not at all; no matter what

171. He earned a \_\_\_\_\_ salary at his job.

*adj.* satisfactory, acceptable, or good in a general sense

172. The MRI showed activity in the \_\_\_\_\_ region of the patient's brain.

*adj.* relating to or located in the outer layer of an organ or body structure, particularly the cortex of the brain

173. Education is the \_\_\_\_\_ of civilization.

*n.* the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television

174. The customer on the Internet has to choose one from a formidable \_\_\_\_\_ of products.

*n.* a large group or collection of things or people, especially one that is impressive or attractive

175. The primary purpose of the \_\_\_\_\_ is pain relief.

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

176. The concert reached 100 \_\_\_\_\_ causing many people to cover their ears.

*n.* (also "dB") a unit used to measure the intensity of sound or the comparative loudness of two sounds based on a logarithmic scale

ANSWERS: 170. whatsoever, 171. decent, 172. cortical, 173. transmission, 174. array, 175. treatment, 176. decibels,