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Vocabulary Builder Reference from...

Jared Ficklin: New ways to see music (with color! and fire!) | TED Talk

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

All Words

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Session 1: Word List

passion

n. intense, driving, or overpowering feeling or conviction

synonym: fervor, zeal, ardor

(1) **passion** hobby, (2) **passion** drive

Her **passion** for cooking is evident in every dish she prepares.

combination

n. a collection of things that have been combined; an assemblage of separate parts or qualities

synonym: blend, hybrid, compounding

(1) genic **combinations**, (2) **combination** number

The **combination** to the safe was a secret.

visualize

v. to form a mental image or concept of something; to make something visible

synonym: imagine, picture, envision

(1) **visualize** data, (2) **visualize** flying through space

She tried to **visualize** the layout of the new house in her mind.

occasion

n. a time or event that is suitable or appropriate for something to happen or be done; a particular event or circumstance that requires or allows for something to be done

synonym : event, time, occurrence

(1) a glad **occasion**, (2) as **occasion** demands

She wore her best dress for the special **occasion**.

tube

n. a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape

synonym : pipe, hose, duct

(1) a capillary **tube**, (2) a glass **tube**

The **tube** train was packed with commuters during rush hour.

metal

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

synonym : alloy, metalloid

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

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

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**.

prop

n. a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something

synonym : support, buttress, column

(1) emotional **prop**, (2) **prop** stick

We have finally lost our last **prop**.

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**.

applaud

v. to express approval of someone or something by clapping the hands

synonym : clap, celebrate, praise

(1) **applaud** his courage, (2) **applaud** the orchestra

I enthusiastically **applaud** my rival's achievement.

physics

n. the science of matter and energy and their interactions

(1) nuclear **physics**, (2) laws of **physics**

He studied the **physics** of radiation.

essentially

adv. relating to the essential features or concepts of anything

synonym : fundamentally, basically, virtually

(1) **essentially** correct, (2) become **essentially** same

Essentially, a society is an organism.

molecule

n. a group of two or more atoms held together by attractive forces known as chemical bonds

synonym : particle, element, atom

(1) small **molecules**, (2) **molecule** behavior

The shape of the DNA **molecule** is a double helix.

influence

n. the ability to affect someone's or something's character, growth, or behavior, or the effect itself

synonym : power, leverage, effect

(1) **influence** a child's future, (2) **influence** the daily life

The former emperor had a particular **influence** even after he abdicated.

combustion

n. the act or process of burning something

synonym : burning, burst

(1) internal **combustion** engine, (2) spontaneous **combustion**

Combustion of the people grew until the revolt was unavoidable.

visible

adj. capable of being seen; or open to easy view

synonym: clear, observable, seeable

(1) **visible** stars, (2) **visible** by X-ray

My home is easily **visible** from the shore.

waveform

n. a curve illustrating the shape of a wave at a specific time

synonym: waveshape

(1) **waveform** analyses, (2) seismic **waveform**

This **waveform** was quite similar to a sine wave.

alternate

adj. occurring or existing one after the other regularly

synonym: substitute, back up, equivalent

(1) **alternate** choice, (2) every **alternate** year

The cleaning lady comes on **alternate** Wednesdays.

compression

n. the act or process of pressing or squeezing something together, often using force or pressure; (of physics) the reduction of volume or increase in pressure of a gas or fluid

synonym: condensation, squeezing, pressing

(1) **compression** garment, (2) data **compression**

The doctor recommended a **compression** bandage to reduce swelling in the injured area.

rarefy

v. to make or become less dense, thin, or concentrated; to refine, purify, or make more delicate

synonym: attenuate, refine, thin

(1) **rarefy** gases, (2) **rarefy** a substance

We need to **rarefy** the air in the laboratory to create a specific environment for the experiment.

amplitude

n. the extent or magnitude of something; the volume or intensity of a sound wave or signal

synonym: magnitude, extent, breadth

(1) muscle **amplitude**, (2) high **amplitude**

The **amplitude** of the sound waves determines the volume of the music.

resonant

adj. tending to reinforce or prolong sound by sympathetic vibration; having a quality that elicits a similar response or feeling

synonym: echoing, reverberating, resonating

(1) **resonant** with the sound, (2) **resonant** cavity

The **resonant** frequency of the guitar string was measured with a tuner.

standing

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

synonym: upright, vertical, (noun) position

(1) **standing** water, (2) his social **standing**

The **standing** concert was packed with fans.

emergent

adj. starting to exist or view, or to become known

synonym: coming, appearing, developing

(1) **emergent** repair of an aorta, (2) an **emergent** republic

Extensive areas of **emergent** plants are usually called marsh.

sin

n. the offense against a religious or moral law or against God

synonym: misdeed, guilt, wrong

(1) forgive a **sin**, (2) **sin** of omission

Some overzealous environmentalists claim celebrities are committing carbon dioxide **sins**.

curve

n. a bend or angle in a line or surface that deviates from a straight or flat path; a gradual or smooth change in direction or shape

synonym : bend, arc, turn

(1) learning **curve**, (2) yield **curve**

The **curve** in the road was so sharp that I had to slow down to navigate it safely.

indoor

adj. located, happened, or used inside a building

(1) an **indoor** pool, (2) designed for **indoor** use

Table tennis is an **indoor** sport.

flame

n. a bright, visible light and heat source caused by combustion; a strong, intense feeling typically associated with passion, aggression, or anger

synonym : blaze, inferno, fire

(1) **flame** of passion, (2) simmering **flame**

The **flame** of the candle flickered in the darkness of the room.

visual

adj. relating to seeing or sight

synonym : optical, graphical, visible

(1) **visual** navigation, (2) field of **visual** arts

The building makes a remarkable **visual** impact.

eigenmode

n. a specific pattern of oscillation or vibration that is characteristic of a system or structure, particularly in physics and engineering

synonym : eigenstate, normal mode, vibrational pattern

(1) **eigenmode** frequency, (2) **eigenmode** analysis

The engineer studied the **eigenmodes** of the structure to determine its stability.

bisect

v. to divide or cut something into two equal parts, typically by a straight line or plane

synonym : split, divide, halve

(1) **bisect** a polygon, (2) **bisect** an angle

Using a ruler, she carefully **bisected** the line to find its midpoint.

subtle

adj. not readily apparent or visible

synonym: slight, nuanced, exquisite

(1) **subtle** changes, (2) a **subtle** poison

A famous artist painted the room in a **subtle** pink hue.

complexity

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

synonym: intricacy, sophistication, elaboration

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

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

delicate

adj. very fine, subtle, and pleasing; easily broken or damaged or destroyed

synonym: dainty, exquisite, fragile

(1) **delicate** attention, (2) a **delicate** flavor

The fresh green trees cast a **delicate** web of shadows over the lawn.

jazz

n. a type of music that originated in the African-American community in the United States and that is characterized by improvisation, syncopated rhythms, and a strong emphasis on self-expression

synonym: swing, blues, bebop

(1) **jazz** club, (2) a school **jazz** band

He listened to **jazz** music to relax after a long day at work.

foundation

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

synonym: base, support, groundwork

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

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

accentuate

v. to emphasize or highlight something, often by making it more prominent or noticeable

synonym: emphasize, highlight, stress

(1) **accentuate** features, (2) **accentuate** the positive

The dress's plunging neckline was designed to **accentuate** the model's curves.

strength

n. the quality or state of being physically, or sometimes mentally, strong

synonym: resilience, power, muscles

(1) **strength** of the economy, (2) muscular **strength**

Health and **strength** are, above all, gold.

removal

n. the act of taking something away or off from a particular place

synonym: extraction, elimination, eradication

(1) dental tartar **removal**, (2) **removal** truck

The **removal** of the statue caused much controversy in the community.

render

v. to bring someone or something into a particular state; to provide something such as service, help, etc.

synonym: deliver, give, provide

(1) **render** an assessment, (2) **render** the contract void

The jury must **render** a decision on this complex case.

algorithm

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

synonym: logic, method, rule

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

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

spirit

n. the part of a person which is the seat of their mind, feelings, and character rather than their physical body; the general atmosphere of a place or situation and the effect that it has on people

synonym : soul, attitude, enthusiasm

(1) **spirit** and the letter of the law, (2) an indomitable **spirit**
Despite their tragic loss, the family is showing great **spirit**.

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.

technique

n. a particular way or art of doing something that needs skill

synonym : approach, procedure, strategy

(1) a **technique** in martial arts, (2) the **technique** applied to construction

Jockey's superior **technique** brought him victory.

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.

recognition

n. the action or process of recognizing or being recognized, especially by remembering; an agreement that something is true or legal

synonym : acknowledgement, identification, credit

(1) **recognition** award, (2) joint **recognition**

He was given **recognition** for his outstanding work in the field of medicine.

repetition

n. the act of doing or saying something many times

synonym : duplication, iteration, recurrence

(1) **repetition** of the word, (2) habitual **repetition**

Repetition is the mother of all learning.

nirvana

n. a state of perfect happiness, peace, and enlightenment in Hinduism and Buddhism

synonym :

paradise, heaven, bliss

(1) **nirvana** state, (2) spiritual **nirvana**

He finally achieved **nirvana** after many years of meditation and spiritual practice.

distribute

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

synonym: broadcast, disperse, hand out

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

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

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.

fan

n. a person who admires and supports a person, group, sport, sports team, etc.; a device for creating a current of air by the movement of a surface or surfaces

synonym: lover, devotee, blade

(1) a film **fan**, (2) engine cooling **fan**

I'm a big **fan** of French food.

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.

skate

n. a type of footwear that has a blade attached to its sole for skating on ice or other hard surfaces; an activity or sport that involves gliding on skates on ice or other hard surfaces

synonym : blade, runner, sled

(1) **skate** park, (2) roller **skate**

She has been practicing an ice **skate** routine for months

microphone

n. a device that converts sound into an electrical signal used for recording sounds or making the voice louder

synonym : mic, megaphone, amplifier

(1) **microphone** cable, (2) built-in **microphone**

The interviewer asked him to speak into the **microphone**.

attach

v. to fasten, join, or connect one thing to another

synonym : fix, fasten, bind

(1) **attach** firmly, (2) **attach** a file to an e-mail

He does not **attach** importance to these rumors.

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.

chaos

n. a state of complete confusion or disorder, often characterized by a lack of predictability or control

synonym : disorder, turmoil, confusion

(1) **chaos** theory, (2) midst of **chaos**

The conference room was in **chaos** as everyone tried to speak at once.

distinct

adj. noticeable from something else of a similar type

synonym : different, special, characteristic

(1) **distinct** difference, (2) **distinct** from each other

It is essential to keep these two issues **distinct**.

slap

v. to strike something or someone with an open palm or flat object, producing a sharp sound or sensation; to place something firmly, suddenly, or unexpectedly

synonym : smack, hit, whack

(1) **slap** on the back, (2) **slap** a heavy fine

The politician tried to **slap** down the rumors about his personal life.

unsuccessful

adj. failing to accomplish an intended result or having an unfavorable outcome; not successful

synonym: failing, abortive, doomed

(1) an **unsuccessful** writer, (2) **unsuccessful** effort

The government's attempts to infiltrate the terrorist group were largely **unsuccessful**.

scratch

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

synonym: claw, rub, scrape

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

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

tumble

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

synonym: fall, stumble, plummet

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

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

rail

n. a long, thin piece of metal or wood that is used to make fences or as a support for something; (verb) to complain bitterly

synonym: bar, beam, (verb) criticize

(1) **rail** system, (2) **rail** against his enemies

The children leaned over the bridge **rail** to watch the fish swimming below.

gong

n. a metal disk that produces a deep, resonant sound when struck with a mallet or other object, often used in percussion music or as a signal in various contexts

synonym: bell, chime, clang

(1) **gong** sound, (2) temple **gong**

As the martial arts master began the demonstration, the sound of the **gong** filled the dojo.

occupy

v. to consume all of someone's space, attention, or time

synonym: inhabit, settle, populate

(1) **occupy** his time, (2) **occupy** a position

The young prince will soon **occupy** the throne.

unique

adj. being the only one of its kind; unlike anything else

synonym: one-of-a-kind, unparalleled, incomparable

(1) a **unique** teacher, (2) **unique** design

The painting is **unique**, and there is no other like it.

cheer

v. to give a loud shout to show support, praise, or approval

synonym: comfort, encourage, hearten

(1) **cheer** for the home team, (2) **cheer** me up

Supporters in the stands **cheered** at every goal.

tease

v. to make fun of someone or make jokes about them, either in a playful way or to upset them; to separate the fibers of something; to ruffle a person's or animal's hair by combing

synonym: bully, annoy, provoke

(1) **tease** the children, (2) **tease** wool

This ad is intended to **tease** a competing product.

traffic

n. the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time

synonym: congestion, jam, flow

(1) **traffic** jam, (2) heavy **traffic**

We decided to take a detour to avoid the construction **traffic** on the main road.

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.

fascinating

adj. extremely interesting

synonym: alluring, intriguing, captivating

(1) **fascinating** story, (2) completely **fascinating** to me

The museum houses a **fascinating** collection of Celtic artifacts.

degree

n. a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment

synonym: level, qualification, diploma

(1) bachelor's **degree**, (2) **degree** centigrade

She received her **degree** in psychology from the university.

etiquette

n. a set of rules and norms governing polite and proper behavior in social situations or professional contexts

synonym: protocol, manners, decorum

(1) email **etiquette**, (2) breach of **etiquette**

It's important to follow proper **etiquette** when attending a formal dinner.

influencer

n. a person or thing that affects or changes someone's or something's behavior, especially a person with the ability to affect potential buyers of a product or service through recommendations on social media

synonym: tastemaker, bellwether

(1) high-profile **influencer**, (2) **influencer** marketing

My team measures the effectiveness of advertising with social media **influencers**.

pants

n. an item of clothing that covers the lower part of the body and each leg separately, typically with a waistband and two legs

synonym: trousers, breeches, slacks

(1) woolly **pants**, (2) pajama **pants**

I always wear **pants** when I go outside, even in the summer.

theoretical

adj. relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience

synonym: conceptual, conjectural, ideal

(1) **theoretical** models, (2) **theoretical** physicist

Absolute zero is the lowest **theoretical** temperature.

hawk

n. a bird of prey typically having short rounded wings and a long tail; an advocate of an aggressive policy on foreign relations

synonym: militarist, jingo, aggressor

(1) cast off a **hawk**, (2) congressional **hawk**

That team signed a center forward who was a ball- **hawk**.

homage

n. a show of respect or honor, often by performing an act of reverence or by paying tribute

synonym: respect, deference, reverence

(1) paying **homage** to tradition, (2) vassal **homage**

The crowd gave a standing ovation as a sign of **homage** to the retiring athlete.

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.

identify

v. to recognize someone or something and say or prove who or what they are

synonym: determine, specify, recognize

(1) **identify** handwriting, (2) **identify** gene sequences
I will introduce you to how to **identify** the leading causes of the malfunction.

fairly

adv. to a certain extent or degree; without favoring one party in an evenhanded manner

synonym: moderately, reasonably, pretty

(1) **fairly** accurate, (2) have a **fairly** clear view

He deals **fairly** with his employees.

steer

v. to control the direction or movement of a vehicle; to direct a course of action; to guide or motivate someone

synonym: guide, direct, control

(1) **steer** a steady course, (2) **steer** a conversation

The captain told him to **steer** the ship north.

axis

n. a real or imaginary straight line through a body or figure around which the object turns; a group of countries in special alliance

synonym: central, core, pole

(1) vertical **axis**, (2) a coordinate **axis**

The earth's **axis** of rotation is tilted 66.5 degrees to the ecliptic plane.

inflection

n. a change in the pitch or tone of one's voice; a change in the form of a word to indicate tense, mood, gender, or other grammatical categories

synonym: accent, intonation, modulation

(1) **inflection** in voice, (2) **inflection** pattern

The linguist studied the **inflection** of the language's inflection in speech.

trend

n. a general direction in which something is changing or developing

synonym: direction, movement, tendency

(1) an international **trend**, (2) the **trend** away from television

The oil price continued their downward **trend**.

quest

n. a long or challenging search for something
synonym : exploration, inquisition, pursuit

(1) the **quest** for truth, (2) on a **quest** for happiness
That adventurer traveled in **quest** of buried treasure.

locate

v. to specify or determine the exact position of someone or something
synonym : discover, find, place

(1) **locate** a missing pet, (2) **locate** a tumor
The robot can accurately **locate** construction material.

universe

n. everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
synonym : cosmos, macrocosm

(1) theory of the **universe**, (2) expansion of the **universe**
The **universe** is about 13.8 billion years old.

fake

adj. not genuine; fraudulent or counterfeit
synonym : affected, bogus, counterfeit

(1) **fake** police officer, (2) spread of **fake** news
The prime minister was not well prepared for the debate and **faked** it

interactive

adj. acting reciprocally; mutually responsive
synonym : reciprocal, responsive, mutual

(1) **interactive** experience, (2) an **interactive** device
The new video game has an **interactive** storyline that allows players to make choices that affect the game's outcome.

software

n. a set of computer programs and associated documentation and data for doing particular computational jobs
synonym : program, system, operating system

(1) **software** architect, (2) copyrighted **software**
The company specializes in both hardware and **software**.

generate

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

synonym : create, yield, produce

(1) **generate** more electricity, (2) **generate** \$100 a month
The economic stimulation program would **generate** a lot of new jobs.

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.

explore

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

synonym : analyze, delve into, examine

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

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

progression

n. the act or process of changing to the next stage or phase or moving forward

synonym : advancement, development, evolution

(1) **progression** of civilization, (2) **progression** of disease

The company has made great strides in its **progression** toward sustainability.

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.

enhance

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

synonym: improve, enrich, refine

(1) **enhance** value, (2) **enhance** the flavor of the vanilla
The new strategy will **enhance** the profitability of our company.

caption

n. a title or brief explanation accompanying a photograph, illustration, or other images; a heading or inscription for a chapter, section, or document

synonym: heading, subheading, title

(1) **caption** text, (2) social media **caption**

The **caption** on the photograph helped to explain the image's content.

theme

n. a subject or topic of discourse or artistic representation

synonym: subject, topic, motif

(1) **theme** park, (2) central **theme**

The **theme** of the novel is the corrupting influence of power.

applause

n. a demonstration of approval or praise by clapping the hands together

synonym: clapping, cheering, acclaim

(1) round of **applause**, (2) earn **applause**

The **applause** burst from the audience.

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.

breath

n. the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your

lungs

synonym : air, puff, whiff

(1) hold your **breath**, (2) **breath** of wind

He bated his **breath** when talking about this affair.

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**.

amazing

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

synonym : exceptional, extraordinary, wonderful

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

The golfer recorded an **amazing** distance.

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**.

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**.

pace

n. the speed at which someone or something moves, or the rate at which something happens or changes

synonym : gait, rate, speed

(1) at your own **pace**, (2) the runner's **pace**

The economy is growing at a supercharged **pace**.

horror

n. intense fear or disgust, especially at something shocking or terrifying

synonym: fear, terror, dread

(1) **horror** movie, (2) **horror-struck** look

The stories of war crimes filled her with **horror**.

speculate

v. to form a theory or conjecture or guess about a subject without solid evidence

synonym: assume, conjecture, infer

(1) **speculate** about the reason, (2) **speculate** on the outcome

He **speculated** that this investment would lead to success.

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.

Session 2: Spelling

- | | |
|-----------------------------------|---|
| 1. an imp_____ve array of facts | <i>adj.</i> arousing admiration due to size, quality, or skill |
| 2. al_____hm for image processing | <i>n.</i> a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation |
| 3. fire st__k | <i>v.</i> 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 |
| 4. al_____te choice | <i>adj.</i> occurring or existing one after the other regularly |
| 5. precious me__l | <i>n.</i> a solid material that is typically hard, shiny, malleable, fusible, and ductile, with good electrical and thermal conductivity, and often used as a structural material, a conductor of heat or electricity, or for decorative purposes |
| 6. sp_____te about the reason | <i>v.</i> to form a theory or conjecture or guess about a subject without solid evidence |
| 7. sc_____h off a name | <i>v.</i> to cut or damage the surface of something or the skin with a sharp or pointed object |
| 8. re____r an assessment | <i>v.</i> to bring someone or something into a particular state; to provide something such as service, help, etc. |
| 9. bi____t a polygon | <i>v.</i> to divide or cut something into two equal parts, typically by a straight line or plane |

ANSWERS: 1. impressive, 2. algorithm, 3. stick, 4. alternate, 5. metal, 6. speculate, 7. scratch, 8. render, 9. bisect

10. ch__s theory *n.* a state of complete confusion or disorder, often characterized by a lack of predictability or control
11. ra___y a substance *v.* to make or become less dense, thin, or concentrated; to refine, purify, or make more delicate
12. pa_____n drive *n.* intense, driving, or overpowering feeling or conviction
13. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
14. de_____te attention *adj.* very fine, subtle, and pleasing; easily broken or damaged or destroyed
15. r__l against his enemies *n.* a long, thin piece of metal or wood that is used to make fences or as a support for something; (verb) to complain bitterly
16. pa_____n hobby *n.* intense, driving, or overpowering feeling or conviction
17. cast off a h__k *n.* a bird of prey typically having short rounded wings and a long tail; an advocate of an aggressive policy on foreign relations
18. pajama pa__s *n.* an item of clothing that covers the lower part of the body and each leg separately, typically with a waistband and two legs
19. laws of ph_____s *n.* the science of matter and energy and their interactions
20. inf_____er marketing *n.* a person or thing that affects or changes someone's or something's behavior, especially a person with the ability to affect potential buyers of a product or service through recommendations on social media

ANSWERS: 10. chaos, 11. rarefy, 12. passion, 13. complexity, 14. delicate, 15. rail, 16. passion, 17. hawk, 18. pants, 19. physics, 20. influencer

21. tu___e down the hill *v.* to fall suddenly, often uncontrollably; to topple or turn over; to decline sharply and quickly in value, quality, or performance
22. un___e design *adj.* being the only one of its kind; unlike anything else
23. an uns_____ful writer *adj.* failing to accomplish an intended result or having an unfavorable outcome; not successful
24. fou_____on course *n.* the lowest load-bearing part of a building, typically below ground level; a fundamental basis or principle upon which something is built or established; an organization that provides funding or support for charitable or educational purposes
25. spiritual ni_____a *n.* a state of perfect happiness, peace, and enlightenment in Hinduism and Buddhism
26. re_____nt with the sound *adj.* tending to reinforce or prolong sound by sympathetic vibration; having a quality that elicits a similar response or feeling
27. acc_____te the positive *v.* to emphasize or highlight something, often by making it more prominent or noticeable
28. st_____th of the economy *n.* the quality or state of being physically, or sometimes mentally, strong
29. pro_____on of disease *n.* the act or process of changing to the next stage or phase or moving forward

ANSWERS: 21. tumble, 22. unique, 23. unsuccessful, 24. foundation, 25. nirvana, 26. resonant, 27. accentuate, 28. strength, 29. progression

30. a su___e poison *adj.* not readily apparent or visible
31. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
32. social media ca_____n *n.* a title or brief explanation accompanying a photograph, illustration, or other images; a heading or inscription for a chapter, section, or document
33. te__e wool *v.* to make fun of someone or make jokes about them, either in a playful way or to upset them; to separate the fibers of something; to ruffle a person's or animal's hair by combing
34. te__e the children *v.* to make fun of someone or make jokes about them, either in a playful way or to upset them; to separate the fibers of something; to ruffle a person's or animal's hair by combing
35. spread of f__e news *adj.* not genuine; fraudulent or counterfeit
36. dental tartar re_____l *n.* the act of taking something away or off from a particular place
37. field of vi___l arts *adj.* relating to seeing or sight
38. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
39. id_____fy gene sequences *v.* to recognize someone or something and say or prove who or what they are
40. a te_____ue in martial arts *n.* a particular way or art of doing something that needs skill

ANSWERS: 30. subtle, 31. complexity, 32. caption, 33. tease, 34. tease, 35. fake, 36. removal, 37. visual, 38. lab, 39. identify, 40. technique

41. st_____ng water *adj.* existing or remaining upright; having a vertical position; (noun) social, financial, or professional status or reputation
42. an em_____nt republic *adj.* starting to exist or view, or to become known
43. ad_____e the technology *v.* to go or move forward; to develop in a positive way
44. imp_____ve performances *adj.* arousing admiration due to size, quality, or skill
45. f__e police officer *adj.* not genuine; fraudulent or counterfeit
46. in_____ce a child's future *n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself
47. muscle am_____de *n.* the extent or magnitude of something; the volume or intensity of a sound wave or signal
48. tr_____c jam *n.* the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time
49. en_____e value *v.* to increase or improve the quality, amount, or strength of someone or something
50. inf_____on in voice *n.* a change in the pitch or tone of one's voice; a change in the form of a word to indicate tense, mood, gender, or other grammatical categories
51. small mo_____les *n.* a group of two or more atoms held together by attractive forces known as chemical bonds

ANSWERS: 41. standing, 42. emergent, 43. advance, 44. impressive, 45. fake, 46. influence, 47. amplitude, 48. traffic, 49. enhance, 50. inflection, 51. molecule

52. sp___t and the letter of the law *n.* the part of a person which is the seat of their mind, feelings, and character rather than their physical body; the general atmosphere of a place or situation and the effect that it has on people
53. muscular st_____th *n.* the quality or state of being physically, or sometimes mentally, strong
54. as oc_____on demands *n.* a time or event that is suitable or appropriate for something to happen or be done; a particular event or circumstance that requires or allows for something to be done
55. built-in mic_____ne *n.* a device that converts sound into an electrical signal used for recording sounds or making the voice louder
56. sp_____te on the outcome *v.* to form a theory or conjecture or guess about a subject without solid evidence
57. br___h of wind *n.* the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs
58. a film f_n *n.* a person who admires and supports a person, group, sport, sports team, etc.; a device for creating a current of air by the movement of a surface or surfaces
59. high-profile inf_____er *n.* a person or thing that affects or changes someone's or something's behavior, especially a person with the ability to affect potential buyers of a product or service through recommendations on social media

ANSWERS: 52. spirit, 53. strength, 54. occasion, 55. microphone, 56. speculate, 57. breath, 58. fan, 59. influencer

60. become ess_____ly same *adv.* relating to the essential features or concepts of anything
61. yield cu__e *n.* a bend or angle in a line or surface that deviates from a straight or flat path; a gradual or smooth change in direction or shape
62. 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
63. joint rec_____on *n.* the action or process of recognizing or being recognized, especially by remembering; an agreement that something is true or legal
64. ap_____d the orchestra *v.* to express approval of someone or something by clapping the hands
65. a glad oc_____on *n.* a time or event that is suitable or appropriate for something to happen or be done; a particular event or circumstance that requires or allows for something to be done
66. rec_____on award *n.* the action or process of recognizing or being recognized, especially by remembering; an agreement that something is true or legal
67. internal com_____on engine *n.* the act or process of burning something
68. vassal ho___e *n.* a show of respect or honor, often by performing an act of reverence or by paying tribute
69. oc___y his time *v.* to consume all of someone's space, attention, or time

ANSWERS: 60. essentially, 61. curve, 62. timbre, 63. recognition, 64. applaud, 65. occasion, 66. recognition, 67. combustion, 68. homage, 69. occupy

70. the_____al physicist *adj.* relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience
71. fa___y accurate *adv.* to a certain extent or degree; without favoring one party in an evenhanded manner
72. spontaneous com_____on *n.* the act or process of burning something
73. basic br___n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
74. rep_____on of the word *n.* the act of doing or saying something many times
75. di_____ct from each other *adj.* noticeable from something else of a similar type
76. financial a_d *n.* things sent to help countries in need, notably food or money; support
77. an indomitable sp___t *n.* the part of a person which is the seat of their mind, feelings, and character rather than their physical body; the general atmosphere of a place or situation and the effect that it has on people
78. at___h firmly *v.* to fasten, join, or connect one thing to another
79. sk___e park *n.* a type of footwear that has a blade attached to its sole for skating on ice or other hard surfaces; an activity or sport that involves gliding on skates on ice or other hard surfaces

ANSWERS: 70. theoretical, 71. fairly, 72. combustion, 73. brain, 74. repetition, 75. distinct, 76. aid, 77. spirit, 78. attach, 79. skate

80. so____re architect *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
81. a un____e teacher *adj.* being the only one of its kind; unlike anything else
82. high am____de *n.* the extent or magnitude of something; the volume or intensity of a sound wave or signal
83. breach of et____te *n.* a set of rules and norms governing polite and proper behavior in social situations or professional contexts
84. s_n of omission *n.* the offense against a religious or moral law or against God
85. r__l system *n.* a long, thin piece of metal or wood that is used to make fences or as a support for something; (verb) to complain bitterly
86. com____on number *n.* a collection of things that have been combined; an assemblage of separate parts or qualities
87. dis____te wealth evenly *v.* to give something to a large number of individuals, or to spread or furnish something
88. emotional p__p *n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something

ANSWERS: 80. software, 81. unique, 82. amplitude, 83. etiquette, 84. sin, 85. rail, 86. combination, 87. distribute, 88. prop

89. s__p on the back *v.* to strike something or someone with an open palm or flat object, producing a sharp sound or sensation; to place something firmly, suddenly, or unexpectedly
90. p__p stick *n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something
91. his social st_____ng *adj.* existing or remaining upright; having a vertical position; (noun) social, financial, or professional status or reputation
92. fr_____cy band *n.* an ordered array of colors into which a light beam can be split
93. fl__e of passion *n.* a bright, visible light and heat source caused by combustion; a strong, intense feeling typically associated with passion, aggression, or anger
94. in_____ce the daily life *n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself
95. a de_____te flavor *adj.* very fine, subtle, and pleasing; easily broken or damaged or destroyed
96. congressional h__k *n.* a bird of prey typically having short rounded wings and a long tail; an advocate of an aggressive policy on foreign relations
97. ex_____e our options *v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it

ANSWERS: 89. slap, 90. prop, 91. standing, 92. frequency, 93. flame, 94. influence, 95. delicate, 96. hawk, 97. explore

98. have a fa___y clear view *adv.* to a certain extent or degree; without favoring one party in an evenhanded manner
99. visual co___x neuron *n.* the outermost layer of an organ, especially the brain
100. d__f in one ear *adj.* lacking the ability to hear, or having impaired hearing; unresponsive or unaware of certain sounds or signals
101. temple g__g *n.* a metal disk that produces a deep, resonant sound when struck with a mallet or other object, often used in percussion music or as a signal in various contexts
102. vi_____e by X-ray *adj.* capable of being seen; or open to easy view
103. mic_____ne cable *n.* a device that converts sound into an electrical signal used for recording sounds or making the voice louder
104. weak fou_____on *n.* the lowest load-bearing part of a building, typically below ground level; a fundamental basis or principle upon which something is built or established; an organization that provides funding or support for charitable or educational purposes
105. at your own p__e *n.* the speed at which someone or something moves, or the rate at which something happens or changes
106. 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

ANSWERS: 98. fairly, 99. cortex, 100. deaf, 101. gong, 102. visible, 103. microphone, 104. foundation, 105. pace, 106. clip

107. ho___r movie *n.* intense fear or disgust, especially at something shocking or terrifying
108. com_____on garment *n.* the act or process of pressing or squeezing something together, often using force or pressure; (of physics) the reduction of volume or increase in pressure of a gas or fluid
109. fas_____ng story *adj.* extremely interesting
110. a school j__z band *n.* a type of music that originated in the African-American community in the United States and that is characterized by improvisation, syncopated rhythms, and a strong emphasis on self-expression
111. wa_____rm analyses *n.* a curve illustrating the shape of a wave at a specific time
112. lo___e a tumor *v.* to specify or determine the exact position of someone or something
113. bachelor's de___e *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
114. every al_____te year *adj.* occurring or existing one after the other regularly
115. the RSA al_____hm *n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
116. vi_____ze flying through space *v.* to form a mental image or concept of something; to make something visible

ANSWERS: 107. horror, 108. compression, 109. fascinating, 110. jazz, 111. waveform, 112. locate, 113. degree, 114. alternate, 115. algorithm, 116. visualize

117. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
118. nuclear ph____s *n.* the science of matter and energy and their interactions
119. pro_____on of civilization *n.* the act or process of changing to the next stage or phase or moving forward
120. inf_____on pattern *n.* a change in the pitch or tone of one's voice; a change in the form of a word to indicate tense, mood, gender, or other grammatical categories
121. habitual rep_____on *n.* the act of doing or saying something many times
122. the qu__t for truth *n.* a long or challenging search for something
123. ex_____e the world *v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
124. roller sk__e *n.* a type of footwear that has a blade attached to its sole for skating on ice or other hard surfaces; an activity or sport that involves gliding on skates on ice or other hard surfaces
125. j__z club *n.* a type of music that originated in the African-American community in the United States and that is characterized by improvisation, syncopated rhythms, and a strong emphasis on self-expression

ANSWERS: 117. lab, 118. physics, 119. progression, 120. inflection, 121. repetition, 122. quest, 123. explore, 124. skate, 125. jazz

126. an int_____ve device *adj.* acting reciprocally; mutually responsive
127. ad_____e a cooperative relationship *v.* to go or move forward; to develop in a positive way
128. 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
129. completely fas_____ng to me *adj.* extremely interesting
130. ch__r for the home team *v.* to give a loud shout to show support, praise, or approval
131. ra____y gases *v.* to make or become less dense, thin, or concentrated; to refine, purify, or make more delicate
132. ca_____n text *n.* a title or brief explanation accompanying a photograph, illustration, or other images; a heading or inscription for a chapter, section, or document
133. the te_____ue applied to construction *n.* a particular way or art of doing something that needs skill
134. lo____e a missing pet *v.* to specify or determine the exact position of someone or something
135. ni_____a state *n.* a state of perfect happiness, peace, and enlightenment in Hinduism and Buddhism
136. en_____e the flavor of the vanilla *v.* to increase or improve the quality, amount, or strength of someone or something

ANSWERS: 126. interactive, 127. advance, 128. stick, 129. fascinating, 130. cheer, 131. rarefy, 132. caption, 133. technique, 134. locate, 135. nirvana, 136. enhance

137. re_____nt cavity *adj.* tending to reinforce or prolong sound by sympathetic vibration; having a quality that elicits a similar response or feeling
138. copyrighted so_____re *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
139. dis_____te video content *v.* to give something to a large number of individuals, or to spread or furnish something
140. a capillary t__e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
141. the runner's p__e *n.* the speed at which someone or something moves, or the rate at which something happens or changes
142. pr_____le outcome *adj.* likely to happen or likely to be true
143. woolly pa__s *n.* an item of clothing that covers the lower part of the body and each leg separately, typically with a waistband and two legs
144. 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
145. at___h a file to an e-mail *v.* to fasten, join, or connect one thing to another
146. midst of ch__s *n.* a state of complete confusion or disorder, often characterized by a lack of predictability or control

ANSWERS: 137. resonant, 138. software, 139. distribute, 140. tube, 141. pace, 142. probable, 143. pants, 144. timbre, 145. attach, 146. chaos

147. de___e centigrade *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
148. am____g advances *adj.* extremely surprising, especially in a way that you like or admire
149. ap____d his courage *v.* to express approval of someone or something by clapping the hands
150. the most am____g feeling *adj.* extremely surprising, especially in a way that you like or admire
151. the_____al models *adj.* relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience
152. su___e changes *adj.* not readily apparent or visible
153. high fr_____cy *n.* an ordered array of colors into which a light beam can be split
154. ob_____le avoidance *n.* a thing that blocks one's way or prevents or hinders progress
155. 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
156. earn ap_____se *n.* a demonstration of approval or praise by clapping the hands together
157. sc_____h my signature *v.* to cut or damage the surface of something or the skin with a sharp or pointed object
158. development of the ne_____s system *adj.* worried and anxious about something; relating to the nerves

ANSWERS: 147. degree, 148. amazing, 149. applaud, 150. amazing, 151. theoretical, 152. subtle, 153. frequency, 154. obstacle, 155. arrangement, 156. applause, 157. scratch, 158. nervous

159. hold your br___h *n.* the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs
160. arr_____nt committee *n.* a plan or preparation for the future event; the action or process of placing things in a particular order
161. g__g sound *n.* a metal disk that produces a deep, resonant sound when struck with a mallet or other object, often used in percussion music or as a signal in various contexts
162. country-by-country a_d programs *n.* things sent to help countries in need, notably food or money; support
163. ei_____de analysis *n.* a specific pattern of oscillation or vibration that is characteristic of a system or structure, particularly in physics and engineering
164. vi_____ze data *v.* to form a mental image or concept of something; to make something visible
165. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
166. get ne_____s *adj.* worried and anxious about something; relating to the nerves
167. ei_____de frequency *n.* a specific pattern of oscillation or vibration that is characteristic of a system or structure, particularly in physics and engineering
168. re_____l truck *n.* the act of taking something away or off from a particular place

ANSWERS: 159. breath, 160. arrangement, 161. gong, 162. aid, 163. eigenmode, 164. visualize, 165. opportune, 166. nervous, 167. eigenmode, 168. removal

169. simmering fl__e *n.* a bright, visible light and heat source caused by combustion; a strong, intense feeling typically associated with passion, aggression, or anger
170. st__r a conversation *v.* to control the direction or movement of a vehicle; to direct a course of action; to guide or motivate someone
171. on a qu__t for happiness *n.* a long or challenging search for something
172. a glass t__e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
173. vi___l navigation *adj.* relating to seeing or sight
174. ho___r-struck look *n.* intense fear or disgust, especially at something shocking or terrifying
175. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
176. data com_____on *n.* the act or process of pressing or squeezing something together, often using force or pressure; (of physics) the reduction of volume or increase in pressure of a gas or fluid
177. ess_____ly correct *adv.* relating to the essential features or concepts of anything
178. uns_____ful effort *adj.* failing to accomplish an intended result or having an unfavorable outcome; not successful

ANSWERS: 169. flame, 170. steer, 171. quest, 172. tube, 173. visual, 174. horror, 175. brain, 176. compression, 177. essentially, 178. unsuccessful

179. seismic wa_____rm *n.* a curve illustrating the shape of a wave at a specific time
180. re____r the contract void *v.* to bring someone or something into a particular state; to provide something such as service, help, etc.
181. genic com_____ons *n.* a collection of things that have been combined; an assemblage of separate parts or qualities
182. forgive a s_n *n.* the offense against a religious or moral law or against God
183. co____x cells *n.* the outermost layer of an organ, especially the brain
184. vi_____e stars *adj.* capable of being seen; or open to easy view
185. em_____nt repair of an aorta *adj.* starting to exist or view, or to become known
186. acc_____te features *v.* to emphasize or highlight something, often by making it more prominent or noticeable
187. th__e park *n.* a subject or topic of discourse or artistic representation
188. vertical a__s *n.* a real or imaginary straight line through a body or figure around which the object turns; a group of countries in special alliance
189. di_____ct difference *adj.* noticeable from something else of a similar type
190. bi____t an angle *v.* to divide or cut something into two equal parts, typically by a straight line or plane

ANSWERS: 179. waveform, 180. render, 181. combination, 182. sin, 183. cortex, 184. visible, 185. emergent, 186. accentuate, 187. theme, 188. axis, 189. distinct, 190. bisect

191. id____fy handwriting *v.* to recognize someone or something and say or prove who or what they are
192. designed for in____r use *adj.* located, happened, or used inside a building
193. the tr__d away from television *n.* a general direction in which something is changing or developing
194. learning cu__e *n.* a bend or angle in a line or surface that deviates from a straight or flat path; a gradual or smooth change in direction or shape
195. me__l fabrication *n.* a solid material that is typically hard, shiny, malleable, fusible, and ductile, with good electrical and thermal conductivity, and often used as a structural material, a conductor of heat or electricity, or for decorative purposes
196. central th__e *n.* a subject or topic of discourse or artistic representation
197. ch__r me up *v.* to give a loud shout to show support, praise, or approval
198. confidence tu___es as unemployment rates rose *v.* to fall suddenly, often uncontrollably; to topple or turn over; to decline sharply and quickly in value, quality, or performance
199. int____ve experience *adj.* acting reciprocally; mutually responsive
200. mo____le behavior *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
201. d__f child *adj.* lacking the ability to hear, or having impaired hearing; unresponsive or unaware of certain sounds or signals

ANSWERS: 191. identify, 192. indoor, 193. trend, 194. curve, 195. metal, 196. theme, 197. cheer, 198. tumble, 199. interactive, 200. molecule, 201. deaf

202. an in___r pool *adj.* located, happened, or used inside a building
203. paying ho___e to tradition *n.* a show of respect or honor, often by performing an act of reverence or by paying tribute
204. engine cooling f_n *n.* a person who admires and supports a person, group, sport, sports team, etc.; a device for creating a current of air by the movement of a surface or surfaces
205. 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
206. an international tr__d *n.* a general direction in which something is changing or developing
207. round of ap____se *n.* a demonstration of approval or praise by clapping the hands together
208. an ob____le to progress *n.* a thing that blocks one's way or prevents or hinders progress
209. ge____te more electricity *v.* to produce or create something; to make offspring by reproduction
210. s__p a heavy fine *v.* to strike something or someone with an open palm or flat object, producing a sharp sound or sensation; to place something firmly, suddenly, or unexpectedly
211. an op____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

ANSWERS: 202. indoor, 203. homage, 204. fan, 205. clip, 206. trend, 207. applause, 208. obstacle, 209. generate, 210. slap, 211. opportune

212. ge____te \$100 a month *v.* to produce or create something; to make offspring by reproduction
213. expansion of the un____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
214. pr____le cause of a fire *adj.* likely to happen or likely to be true
215. email et____te *n.* a set of rules and norms governing polite and proper behavior in social situations or professional contexts
216. theory of the un____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
217. a coordinate a__s *n.* a real or imaginary straight line through a body or figure around which the object turns; a group of countries in special alliance
218. heavy tr____c *n.* the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time
219. st__r a steady course *v.* to control the direction or movement of a vehicle; to direct a course of action; to guide or motivate someone
220. oc____y a position *v.* to consume all of someone's space, attention, or time

ANSWERS: 212. generate, 213. universe, 214. probable, 215. etiquette, 216. universe, 217. axis, 218. traffic, 219. steer, 220. occupy

Session 3: Fill in the Blanks

1. Don't _____ your mosquito bites.
v. to cut or damage the surface of something or the skin with a sharp or pointed object
2. The _____ of the novel is the corrupting influence of power.
n. a subject or topic of discourse or artistic representation
3. The fresh green trees cast a _____ web of shadows over the lawn.
adj. very fine, subtle, and pleasing; easily broken or damaged or destroyed
4. The painting is _____ and there is no other like it.
adj. being the only one of its kind; unlike anything else
5. I will introduce you to how to _____ the leading causes of the malfunction.
v. to recognize someone or something and say or prove who or what they are
6. He deals _____ with his employees.
adv. to a certain extent or degree; without favoring one party in an evenhanded manner
7. He studied the _____ of radiation.
n. the science of matter and energy and their interactions
8. The company has made great strides in its _____ toward sustainability.
n. the act or process of changing to the next stage or phase or moving forward
9. It is essential to keep these two issues _____.
adj. noticeable from something else of a similar type

ANSWERS: 1. scratch, 2. theme, 3. delicate, 4. unique, 5. identify, 6. fairly, 7. physics, 8. progression, 9. distinct

10. The earth's _____ of rotation is tilted 66.5 degrees to the ecliptic plane.
n. a real or imaginary straight line through a body or figure around which the object turns; a group of countries in special alliance
11. The shape of the DNA _____ is a double helix.
n. a group of two or more atoms held together by attractive forces known as chemical bonds
12. _____ is the mother of all learning.
n. the act of doing or saying something many times
13. The museum houses a _____ collection of Celtic artifacts.
adj. extremely interesting
14. She wore her best dress for the special _____.
n. a time or event that is suitable or appropriate for something to happen or be done; a particular event or circumstance that requires or allows for something to be done
15. The cerebral _____ consists of six layers.
n. the outermost layer of an organ, especially the brain
16. I'm a big ____ of French food.
n. a person who admires and supports a person, group, sport, sports team, etc.; a device for creating a current of air by the movement of a surface or surfaces
17. The crowd gave a standing ovation as a sign of _____ to the retiring athlete.
n. a show of respect or honor, often by performing an act of reverence or by paying tribute

ANSWERS: 10. axis, 11. molecule, 12. Repetition, 13. fascinating, 14. occasion, 15. cortex, 16. fan, 17. homage

18. Her _____ for cooking is evident in every dish she prepares.
n. intense, driving, or overpowering feeling or conviction
19. The oscillator hunts for the correct _____.
n. an ordered array of colors into which a light beam can be split
20. The _____ in the road was so sharp that I had to slow down to navigate it safely.
n. a bend or angle in a line or surface that deviates from a straight or flat path; a gradual or smooth change in direction or shape
21. The phone rang at the most _____ time.
adj. suitable or happening at a time that is suitable or convenient for a particular purpose
22. The _____ is about 13.8 billion years old.
n. everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
23. The value of the currency _____ against major international currencies.
v. to fall suddenly, often uncontrollably; to topple or turn over; to decline sharply and quickly in value, quality, or performance
24. Absolute zero is the lowest _____ temperature.
adj. relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience
25. This ad is intended to _____ a competing product.
v. to make fun of someone or make jokes about them, either in a playful way or to upset them; to separate the fibers of something; to ruffle a person's or animal's hair by combing

ANSWERS: 18. passion, 19. frequency, 20. curve, 21. opportune, 22. universe, 23. tumbled, 24. theoretical, 25. tease

26. The new video game has an _____ storyline that allows players to make choices that affect the game's outcome.

adj. acting reciprocally; mutually responsive

27. Extensive areas of _____ plants are usually called marsh.

adj. starting to exist or view, or to become known

28. A famous artist painted the room in a _____ pink hue.

adj. not readily apparent or visible

29. His voice had a deep _____.

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

30. The jury must _____ a decision on this complex case.

v. to bring someone or something into a particular state; to provide something such as service, help, etc.

31. The interviewer asked him to speak into the _____.

n. a device that converts sound into an electrical signal used for recording sounds or making the voice louder

32. The prime minister was not well prepared for the debate and _____ it

adj. not genuine; fraudulent or counterfeit

33. He does not _____ importance to these rumors.

v. to fasten, join, or connect one thing to another

34. _____ of the people grew until the revolt was unavoidable.

n. the act or process of burning something

ANSWERS: 26. interactive, 27. emergent, 28. subtle, 29. timbre, 30. render, 31. microphone, 32. faked, 33. attach, 34. Combustion

35. 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

36. The building makes a remarkable _____ impact.

adj. relating to seeing or sight

37. The dress's plunging neckline was designed to _____ the model's curves.

v. to emphasize or highlight something, often by making it more prominent or noticeable

38. He bated his _____ when talking about this affair.

n. the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs

39. I always wear _____ when I go outside, even in the summer.

n. an item of clothing that covers the lower part of the body and each leg separately, typically with a waistband and two legs

40. The economy is growing at a supercharged _____.

n. the speed at which someone or something moves, or the rate at which something happens or changes

41. The golfer recorded an _____ distance.

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

42. The young prince will soon _____ the throne.

v. to consume all of someone's space, attention, or time

ANSWERS: 35. deaf, 36. visual, 37. accentuate, 38. breath, 39. pants, 40. pace, 41. amazing, 42. occupy

43. 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
44. She tried to _____ the layout of the new house in her mind.
- v.* to form a mental image or concept of something; to make something visible
45. 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
46. The project's _____ made it difficult for the team to complete it on time.
- n.* the state or quality of being complicated or intricate and difficult to understand
47. He was given _____ for his outstanding work in the field of medicine.
- n.* the action or process of recognizing or being recognized, especially by remembering; an agreement that something is true or legal
48. Scientific knowledge will _____ significantly with the power of AI.
- v.* to go or move forward; to develop in a positive way
49. 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
50. She has been practicing an ice _____ routine for months
- n.* a type of footwear that has a blade attached to its sole for skating on ice or other hard surfaces; an activity or sport that involves gliding on skates on ice or other hard surfaces

ANSWERS: 43. brain, 44. visualize, 45. arrangement, 46. complexity, 47. recognition, 48. advance, 49. clip, 50. skate

51. The _____ to the safe was a secret.

- n.* a collection of things that have been combined; an assemblage of separate parts or qualities

52. The former emperor had a particular _____ even after he abdicated.

- n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself

53. The cleaning lady comes on _____ Wednesdays.

- adj.* occurring or existing one after the other regularly

54. I enthusiastically _____ my rival's achievement.

- v.* to express approval of someone or something by clapping the hands

55. The management must _____ strategies to increase office security.

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

56. The _____ on the photograph helped to explain the image's content.

- n.* a title or brief explanation accompanying a photograph, illustration, or other images; a heading or inscription for a chapter, section, or document

57. _____ a society is an organism.

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

58. The Prime Minister will pay a courtesy visit to the Nobel laureate's _____.

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

59. The linguist studied the _____ of the language's inflection in speech.

- n.* a change in the pitch or tone of one's voice; a change in the form of a word to indicate tense, mood, gender, or other grammatical categories

ANSWERS: 51. combination, 52. influence, 53. alternate, 54. applaud, 55. explore, 56. caption, 57. Essentially, 58. lab, 59. inflection

60. The _____ frequency of the guitar string was measured with a tuner.

adj. tending to reinforce or prolong sound by sympathetic vibration; having a quality that elicits a similar response or feeling

61. It seems _____ that he has forgotten our scheduled meeting.

adj. likely to happen or likely to be true

62. The children leaned over the bridge _____ to watch the fish swimming below.

n. a long, thin piece of metal or wood that is used to make fences or as a support for something; (verb) to complain bitterly

63. The robot can accurately _____ construction material.

v. to specify or determine the exact position of someone or something

64. Jockey's superior _____ brought him victory.

n. a particular way or art of doing something that needs skill

65. The government's attempts to infiltrate the terrorist group were largely _____.

adj. failing to accomplish an intended result or having an unfavorable outcome; not successful

66. It's important to follow proper _____ when attending a formal dinner.

n. a set of rules and norms governing polite and proper behavior in social situations or professional contexts

67. The _____ of the candle flickered in the darkness of the room.

n. a bright, visible light and heat source caused by combustion; a strong, intense feeling typically associated with passion, aggression, or anger

ANSWERS: 60. resonant, 61. probable, 62. rail, 63. locate, 64. technique, 65. unsuccessful, 66. etiquette, 67. flame

68. He finally achieved _____ after many years of meditation and spiritual practice.
- n.* a state of perfect happiness, peace, and enlightenment in Hinduism and Buddhism
69. The new strategy will _____ the profitability of our company.
- v.* to increase or improve the quality, amount, or strength of someone or something
70. That adventurer traveled in _____ of buried treasure.
- n.* a long or challenging search for something
71. The engineer studied the _____ of the structure to determine its stability.
- n.* a specific pattern of oscillation or vibration that is characteristic of a system or structure, particularly in physics and engineering
72. The _____ of the sound waves determines the volume of the music.
- n.* the extent or magnitude of something; the volume or intensity of a sound wave or signal
73. He listened to _____ music to relax after a long day at work.
- n.* a type of music that originated in the African-American community in the United States and that is characterized by improvisation, syncopated rhythms, and a strong emphasis on self-expression
74. The _____ course was challenging but fun.
- n.* a thing that blocks one's way or prevents or hinders progress
75. As the martial arts master began the demonstration, the sound of the _____ filled the dojo.
- n.* a metal disk that produces a deep, resonant sound when struck with a mallet or other object, often used in percussion music or as a signal in various contexts

ANSWERS: 68. nirvana, 69. enhance, 70. quest, 71. eigenmodes, 72. amplitude, 73. jazz, 74. obstacle, 75. gong

76. We can evaluate the performance of an _____ in terms of computation time.
- n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
77. This _____ was quite similar to a sine wave.
- n.* a curve illustrating the shape of a wave at a specific time
78. My home is easily _____ from the shore.
- adj.* capable of being seen; or open to easy view
79. He _____ that this investment would lead to success.
- v.* to form a theory or conjecture or guess about a subject without solid evidence
80. The stories of war crimes filled her with _____.
- n.* intense fear or disgust, especially at something shocking or terrifying
81. The economic stimulation program would _____ a lot of new jobs.
- v.* to produce or create something; to make offspring by reproduction
82. The conference room was in _____ as everyone tried to speak at once.
- n.* a state of complete confusion or disorder, often characterized by a lack of predictability or control
83. My team measures the effectiveness of advertising with social media _____.
- n.* a person or thing that affects or changes someone's or something's behavior, especially a person with the ability to affect potential buyers of a product or service through recommendations on social media

ANSWERS: 76. algorithm, 77. waveform, 78. visible, 79. speculated, 80. horror, 81. generate, 82. chaos, 83. influencers

84. The _____ concert was packed with fans.

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

85. The oil price continued their downward _____.

n. a general direction in which something is changing or developing

86. She received her _____ in psychology from the university.

n. a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment

87. That team signed a center forward who was a ball-_____.

n. a bird of prey typically having short rounded wings and a long tail; an advocate of an aggressive policy on foreign relations

88. He suffers from _____ breakdowns.

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

89. His estate was _____ to his sons.

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

90. The politician tried to _____ down the rumors about his personal life.

v. to strike something or someone with an open palm or flat object, producing a sharp sound or sensation; to place something firmly, suddenly, or unexpectedly

91. The _____ burst from the audience.

n. a demonstration of approval or praise by clapping the hands together

ANSWERS: 84. standing, 85. trend, 86. degree, 87. hawk, 88. nervous, 89. distributed, 90. slap, 91. applause

92. The captain told him to _____ the ship north.

- v.* to control the direction or movement of a vehicle; to direct a course of action; to guide or motivate someone

93. Despite their tragic loss, the family is showing great _____.

- n.* the part of a person which is the seat of their mind, feelings, and character rather than their physical body; the general atmosphere of a place or situation and the effect that it has on people

94. Table tennis is an _____ sport.

- adj.* located, happened, or used inside a building

95. The _____ of the statue caused much controversy in the community.

- n.* the act of taking something away or off from a particular place

96. Pakistan's _____ budget was still being reviewed.

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

97. Health and _____ are, above all, gold.

- n.* the quality or state of being physically, or sometimes mentally, strong

98. The doctor recommended a _____ bandage to reduce swelling in the injured area.

- n.* the act or process of pressing or squeezing something together, often using force or pressure; (of physics) the reduction of volume or increase in pressure of a gas or fluid

99. The _____ train was packed with commuters during rush hour.

- n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape

ANSWERS: 92. steer, 93. spirit, 94. indoor, 95. removal, 96. aid, 97. strength, 98. compression, 99. tube

100. We have finally lost our last _____.

- n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something

101. The budget reduction was an _____ feat for our nation.

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

102. The company specializes in both hardware and _____.

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

103. Using a ruler, she carefully _____ the line to find its midpoint.

- v.* to divide or cut something into two equal parts, typically by a straight line or plane

104. Supporters in the stands _____ at every goal.

- v.* to give a loud shout to show support, praise, or approval

105. We decided to take a detour to avoid the construction _____ on the main road.

- n.* the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time

106. We need to _____ the air in the laboratory to create a specific environment for the experiment.

- v.* to make or become less dense, thin, or concentrated; to refine, purify, or make more delicate

ANSWERS: 100. prop, 101. impressive, 102. software, 103. bisected, 104. cheered, 105. traffic, 106. rarefy

107. Some overzealous environmentalists claim celebrities are committing carbon dioxide ____.
- n.* the offense against a religious or moral law or against God
108. The _____ of the building was cracked and needed to be repaired.
- n.* the lowest load-bearing part of a building, typically below ground level; a fundamental basis or principle upon which something is built or established; an organization that provides funding or support for charitable or educational purposes
109. The construction worker used a _____ saw to cut through the stubborn sheet metal.
- n.* a solid material that is typically hard, shiny, malleable, fusible, and ductile, with good electrical and thermal conductivity, and often used as a structural material, a conductor of heat or electricity, or for decorative purposes
110. 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

ANSWERS: 107. sins, 108. foundation, 109. metal, 110. stick