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Vocabulary Builder Reference from...

Maria Popova: Humanity's search for cosmic truth and poetic beauty | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

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.

verse

n. a type of poetry that is characterized by a metrical structure and often a rhyme scheme

synonym: poetry, rhyme, stanza

(1) cited **verse**, (2) **verse** play

The poet recited a **verse** from her latest collection.

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.

catalog

n. a complete list of items, often including technical details and prices

synonym : directory, list, register

(1) a classified **catalog**, (2) **catalog** card

She used the online **catalog** to find the perfect pair of earrings for her sister's birthday.

photograph

n. a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film

synonym : photo, picture, snapshot

(1) **photograph** album, (2) **photograph** memories

I found an old **photograph** of my grandparents from their wedding day.

observatory

n. a building designed and equipped to observe the planets, the stars, the weather, etc.

(1) space **observatory**, (2) a meteorological **observatory**

That astronomical **observatory** stands at the top of the mountain.

single-handed

adj. done or accomplished by one person alone

synonym : alone, unassisted, solo

(1) **single-handed** responsibility, (2) **single-handed** victory

He started a **single-handed** project to earn additional money.

analyze

v. to think about in-depth and evaluate to discover essential features or meaning

synonym : explore, examine, investigate

(1) **analyze** a chemical compound, (2) **analyze** your real motives

The teacher attempted to **analyze** the root cause of our mistake.

variable

adj. likely to change or vary often; (noun) a symbol, like x or y, that is used in mathematical or logical expressions to represent a value that may be changed

synonym : erratic, inconsistent, irregular

(1) a **variable** species, (2) a dependent **variable**
Rainfall in the tropics is highly **variable**.

fluctuate

v. to rise and fall irregularly or unexpectedly; to vary or change often and unpredictably

synonym: vary, oscillate, sway

(1) **fluctuate** prices, (2) **fluctuate** rapidly

Stock prices **fluctuate** daily based on market demand and supply.

lighthouse

n. a tower or other structure that is equipped with a powerful light designed to guide ships safely to harbor or warn them of impending danger

synonym: beacon, pharos, guiding light

(1) **lighthouse** beacon, (2) **lighthouse** keeper

Tourists gathered at the **lighthouse's** base to take photos and admire the view.

beacon

n. a light or other visible object serving as a signal, guide, or warning

synonym: lighthouse, guidepost, marker

(1) an aerial **beacon**, (2) **beacon** of hope

The lighthouse served as a **beacon** to guide ships safely into port.

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**.

correlation

n. a statistical relationship between two variables in which one variable is affected by the other; a reciprocal relation between two or more facts, numbers, etc.

synonym: relationship, connection, association

(1) ecological **correlation**, (2) **correlation** coefficient

There is a strong **correlation** between education level and

income.

blink

v. to shut and open the eyes quickly; to gleam or glow in a regular or intermittent way

synonym: twinkle, flash, flicker

(1) **blink** his eyes, (2) **blink** in astonishment

He **blinked** in the dazzling sunlight.

distance

n. the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance

synonym: space, gap, span

(1) driving **distance**, (2) social **distance**

The marathon runner covered a long **distance** in a short amount of time.

furnish

v. to provide a room or building with furniture and fittings; to provide something useful or necessary

synonym: equip, provide, fit out

(1) **furnish** a suitable occasion, (2) **furnish** the information

The new homeowners decided to **furnish** the living room with new furniture.

yardstick

n. a long, narrow strip of wood or metal that is marked with measurements, typically used to measure or compare the length, height, or width of something; a standard against which something can be compared or judged

synonym: standard, criterion, benchmark

(1) **yardstick** measurement, (2) **yardstick** comparison

Using test scores as a **yardstick** to measure intelligence is only sometimes reliable.

repress

v. to restrain or control by force; to suppress feelings or memories

synonym: suppress, control, curb

(1) cannot **repress** laughter, (2) **repress** gene expression

He **repressed** the memories of his traumatic childhood.

astronomy

n. the scientific study of objects and matter outside the Earth's atmosphere, especially the positions, motions, and evolution of celestial bodies

synonym : astrophysics, stargazing, cosmology

(1) **astronomy** science, (2) a branch of **astronomy**

He had a deep passion for extragalactic **astronomy** and spent hours observing the night sky.

fulfill

v. to meet the requirements or expectations; to achieve or realize

synonym : satisfy, complete, accomplish

(1) **fulfill** a contract, (2) **fulfill** a lifetime dream

It was the first time for her, but she **fulfilled** the role of Priest.

ordinary

adj. not different, exceptional, or unexpected in any way, especially in quality, ability, size, or degree

synonym : mundane, prosaic, average

(1) an **ordinary** school, (2) **ordinary** annual revenue

The **ordinary** session of the Diet opened.

reputable

adj. having a good reputation or standing; trustworthy, reliable, or respected

synonym : respectable, honorable, esteemed

(1) **reputable** company, (2) **reputable** source

I only trust certified mechanics from **reputable** auto shops to work on my car.

discovery

n. the act or process of finding information, a place, or an object, or learning about something that was previously not known

synonym : finding, uncovering, detection

(1) a scientific **discovery**, (2) the great **discovery** of the century

Her research team made an important **discovery**.

revolutionary

adj. relating to or characterized by a complete or dramatic change

synonym: radical, innovative, groundbreaking

(1) **revolutionary** change, (2) enforce **revolutionary** justice

The **revolutionary** leader inspired others to join the fight for freedom and democracy.

tremendous

adj. very great in degree or extent or amount or impact; extremely good

synonym: enormous, giant, immense

(1) **tremendous** amount, (2) **tremendous** popularity

We had a **tremendous** time yesterday.

perch

v. to sit, stand, or rest on something, particularly a narrow or elevated surface; to position oneself confidently or dominantly; to place something in a high or elevated position; (noun) a branch or other elevated place where a bird can rest or roost

synonym: sit, roost, squat

(1) **perch** on a ledge, (2) **perch** of a bird of prey

The bird **perched** on the branch, watching the world below.

telescope

n. a device like a tube in shape containing lenses used to magnify and observe distant objects

(1) a binocular **telescope**, (2) look through a **telescope**

This facility has the largest astronomical **telescope** in the country.

mount

v. to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone

synonym: climb, increase, get on

(1) **mount** a hill, (2) **mount** a counterattack

They **mounted** pictures on the paper in preparation for the birthday card.

exposure

n. the state of being in a particular situation or place where there is no protection from or guarantee to something harmful; the disclosure of something secret

synonym : vulnerability, disclosure, uncovering

(1) a southern **exposure**, (2) the **exposure** of a fraud

The long **exposure** to the air tarnished the antique tableware.

spiral

n. a curve that coils around a central point and gets progressively farther away from it as it goes around

synonym : coil, helix, twist

(1) **spiral** staircase, (2) **spiral** design

The leaves of the fern were arranged in a **spiral** pattern.

nebula

n. a cloud of gas and dust in space, visible in the night sky, typically as a diffuse light source

synonym : cloud, mist, stardust

(1) a spiral **nebula**, (2) emission **nebula**

The galactic **nebula** was a beautiful sight through the telescope, with its vibrant colors and swirling clouds.

galaxy

n. an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity

synonym : star cluster, nebula, star system

(1) elliptic **galaxy**, (2) a **galaxy** of famous actors

The Milky Way **galaxy** has numerous water-bearing planets.

gravitational

adj. relating to or caused by gravity (= the force that attracts objects towards one another)

synonym : weighty, heavy, earthbound

(1) **gravitational** energy, (2) **gravitational** waves

The **gravitational** force of the black hole was so strong that nothing, not even light, could escape.

bound

v. to move forward by leaps and bounds; to form the boundary of something

synonym : jump, bounce, leap

(1) **bounded** with delight, (2) **bound** up a staircase

Canada **bounds** on the United States.

cluster

n. a group of similar things or people close together, often forming a distinct mass or unit

synonym: group, aggregation, array

(1) live in a **cluster**, (2) a **cluster** of stars

A **cluster** of grapes hung from the vine.

furrow

n. a long and narrow groove or trench, typically made in the ground by a plow or a person's fingers; a wrinkle or groove on a person's face

synonym: groove, trench, rut

(1) ploughed **furrow**, (2) narrow **furrow**

The farmer plowed deep **furrows** in the field before planting his crops.

brow

n. the ridge over the eye sockets; the forehead

synonym: forehead, hilltop, eyebrow

(1) the **brow** of a hill, (2) furrowed **brow**

She wiped the sweat from her **brow** after finishing the marathon.

gasp

v. to inhale sharply and audibly, often in response to strong emotion or sensation; to catch one's breath suddenly, often due to shock or surprise

synonym: breathe, pant, heave

(1) **gasp** for air, (2) **gasp** in shock

The audience **gasp**ed when the magician made the rabbit disappear from the hat.

revelation

n. a fact that has been disclosed to others, especially a surprising one; the act of revealing or telling the fact or truth to others; communication of knowledge to humans by a divine or supernatural agency

synonym: disclosure, telling, annunciation

(1) a divine **revelation**, (2) the **revelation** of a secret

The shocking **revelation** embarrassed the administration.

scribble

v. to write or draw carelessly and in a hurry

synonym: scabble, scrawl, jot

(1) **scribble** on paper, (2) **scribble** notes

The words were **scribbled** in pencil.

exclamation

n. a sudden outcry or shout, especially one expressing strong emotion

synonym: outcry, shout, yell

(1) an **exclamation** of surprise, (2) **exclamation** mark

Her sudden **exclamation** drew everyone's attention.

fleck

n. a small patch, spot, or discoloration, often caused by dirt, grime, or a foreign substance

synonym: spot, speck, dot

(1) **fleck** of paint, (2) **fleck** of dust

A small **fleck** of red wine ruined the white shirt.

nova

n. a star that suddenly becomes brighter, typically because of an explosion in its interior; a sudden increase or burst of activity or growth

synonym: supernova, exploding star, nova remnant

(1) **nova** explosion, (2) **nova** star

The astronomer spent months studying the **nova's** light spectrum to learn more about its properties.

suddenly

adv. quickly and unexpectedly

synonym: abruptly, unexpectedly, unawares

(1) **suddenly** attacked by an enemy, (2) die **suddenly**

Who answers **suddenly** knows little.

bloom

n. a flower, especially one having showy or colorful parts; the best time of youth

synonym: blossom, flush, flower

(1) **bloom** in autumn, (2) black-and-white **blooms**

The cherry blossoms in the park were in full **bloom**.

suspend

v. to stop something from continuing or being in force or effect, either temporarily or permanently; to hang something freely

synonym : stop, postpone, adjourn

(1) **suspend** a decision, (2) **suspend** fruits from the ceiling
The University **suspended** the most recalcitrant demonstrators.

radical

adj. relating to the essential aspects of anything; far beyond the norm, mainly used of opinions and actions

synonym : extreme, revolutionary

(1) a **radical** flaw in the plan, (2) a **radical** cure
The government established by the coup was more **radical** than before.

rocket

n. a large tube-shaped object that moves very fast by a stream of gases let out behind it, used for space travel or as a weapon

synonym : projectile, missile

(1) **rocket** attack against the enemy, (2) **rocket** fuel
The **rocket** launch platform is visible from this hill.

military

adj. relating to or characteristic of members of the armed forces; of or relating to war or warfare

synonym : armed, martial, warlike

(1) a **military** operation, (2) a **military** leader
The **military** academy was known for its strict discipline and training.

enormous

adj. extremely large or great

synonym : huge, giant, gigantic

(1) **enormous** amount, (2) **enormous** potential
Shakespeare's output of poetry was **enormous**.

launch

v. to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time

synonym : start, initiate, begin

(1) **launch** a spaceship into orbit, (2) **launch** a big attack
The company is set to **launch** its new product line next month.

orbit

n. the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity.

synonym : path, course, trajectory

(1) the **orbit** of the moon, (2) a planetary **orbit**

The rocket engine is used to put the satellite into **orbit**.

bypass

n. an alternative road, channel, pipe, or connection that allows flow while the main one is closed or obstructed;
(verb) to go past or round

(1) gastric **bypass** operation, (2) **bypass** circuit

This patient must undergo **bypass** surgery.

atmosphere

n. the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

synonym : air, ambiance, circumstances

(1) carbon dioxide in the **atmosphere**, (2) a convivial **atmosphere**

The spaceship began to burn up as it approached the Earth's **atmosphere**.

occlude

v. to obstruct or block something, usually a passage or opening, in a way that prevents normal flow or access

synonym : block, obstruct, close

(1) **occlude** a blood vessel, (2) **occlude** the ureteral orifice

The traffic jam **occluded** the road and caused a significant delay in the journey.

terrestrial

adj. of or relating to the Earth; relating to or inhabiting the land or the ground as opposed to the sea or air

synonym : earthy, earthborn, telluric

(1) **terrestrial** planets, (2) **terrestrial** heat

Terrestrial longitude is measured in degrees east or west of the Prime Meridian.

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.

generation

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

synonym: cohort, age group, era

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

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

shimmer

v. to shine with a soft, flickering light; to reflect light in a wavering or twinkling way; to glimmer or glisten

synonym: gleam, glimmer, flash

(1) **shimmer** with tears, (2) **shimmer** in the moonlight

The sunlight made the water in the pool **shimmer** like diamonds.

poem

n. a piece of writing that emphasizes the expression of feelings and ideas by paying particular attention to diction (sometimes rhyme), rhythm, and imagery

synonym: ballad, lyric, verse

(1) a narrative **poem**, (2) **poem** to the dead

A great **poem** is a fountain forever overflowing with the waters of wisdom and delight.

physics

n. the science of matter and energy and their interactions

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

He studied the **physics** of radiation.

perseverance

n. steadfastness in doing something despite difficulty or delay in achieving success

synonym: persistence, tenacity, determination

(1) unwavering **perseverance**, (2) dogged **perseverance**

Despite facing numerous setbacks and obstacles, his **perseverance** and determination led him to success.

precision

n. the quality or condition of being exact and accurate

synonym: accuracy, exactness, rigor

(1) a **precision** instrument, (2) speak with **precision**

This operation requires both patience and **precision**.

spherical

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

synonym: round, orbicular, spherical

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

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

warp

v. to twist or bend out of shape, especially as a result of being heated; to distort or twist the meaning or sense of something

synonym: twist, distort, deform

(1) **warp** under pressure, (2) become **warped**

The ship's hull was **warped** from years of use in rough seas.

await

v. to wait or stay ready for something; to expect or anticipate something

synonym: expect, wait for, anticipate

(1) **await** your reply, (2) **await** a decision

We **await** the results of the election with bated breath.

unfathomed

adj. unable to be understood or measured; too deep or mysterious to be fully grasped or explored

synonym: unfathomable, inscrutable, impenetrable

(1) **unfathomed** depths, (2) **unfathomed** mysteries

The ocean's depths are still **unfathomed** territory for many scientists.

engineer

n. a person whose job is designing, building, or maintaining something such as machines, structures, or software

synonym: architect, creator, builder

(1) a civil **engineer**, (2) **engineer** shortage

The **engineer** will repair my telephone tomorrow morning.

broken-hearted

adj. deeply upset, distressed, or emotionally hurt, especially as a result of a failed relationship, betrayal, or loss of a loved one

synonym: heartbroken, dejected, desolate

(1) **broken-hearted** tears, (2) a **broken-hearted** goodbye

She was left **broken-hearted** after her long-term partner ended their relationship.

observant

adj. paying careful attention to details and surroundings; quick to notice things and circumstances; mindful of social norms and customs

synonym: attentive, vigilant, perceptive

(1) **observant** eye, (2) **observant** nature

The **observant** detective noticed the smallest details that helped solve the crime.

poet

n. a person who writes poetry

synonym: versifier, rhymer, writer

(1) a court **poet**, (2) a **poet** of sorts

She is a talented **poet** who has been recognized for her work.

laureate

n. a person who has been awarded an honor or a prize for achievement in a particular field, especially in literature or academia; a poet who is honored for achieving the highest level of excellence in a competition or for producing a lifetime body of work

(1) Oscar **laureate**, (2) poet **laureate**

The Nobel **laureate** delivered an inspiring speech to the graduating class.

commemorate

v. to honor the memory of someone or something by ceremony or tribute

synonym: honor, remember, celebrate

(1) **commemorate** her long life, (2) **commemorate** a deed

The country **commemorated** the war heroes on Memorial Day.

tender

adj. gentle and delicate; showing care and consideration for others; easily injured or hurt; offering a bid or proposal in the process of negotiation

synonym: soft, delicate, gentle

(1) **tender** age, (2) **tender** touch

The newborn baby was swaddled in a soft and **tender** blanket.

tribute

n. a payment, gift, or other forms of recognition made in honor of or submission to another person or entity

synonym: honor, accolade, recognition

(1) pay **tribute**, (2) **tribute** album

The statue was built as a **tribute** to the soldiers who died in the war.

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.

optics

n. the academic study of vision and light

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

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

capture

v. to catch a person or an animal and confine them in an area which they cannot escape

synonym : catch, arrest, imprison

(1) **capture** a glimpse, (2) **capture** customers' hearts

I was able to **capture** the moment on film.

observable

adj. that can be noticed or seen

synonym : visible, perceptible, detectable

(1) **observable** change, (2) experimentally **observable**

Any theorem relies on both **observable** fact and assumption.

rev

n. a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

synonym : revolution, RPM, speed

(1) low- **rev** engine, (2) **rev** up the crowd

He stepped on the gas pedal, and the engine released a loud **rev**.

narrator

n. a person who tells a story, especially in a book or film

synonym : teller, storyteller

(1) first-person **narrator**, (2) the **narrator** of the TV program

The **narrator** makes use of the local dialect.

operate

v. to work in a particular way; to supervise something

synonym : work, use, employ

(1) **operate** 24 hours a day, (2) manually **operate** a machine

This machine is too difficult to **operate** for me.

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.

scrub

v. to clean something thoroughly, typically with a brush and soap or detergent

synonym: clean, wash, sanitize

(1) **scrub** off graffiti, (2) **scrub** dirt from potatoes

She decided to **scrub** the kitchen floor to remove all the dirt and grime.

sheath

n. a close-fitting cover to protect something such as the blade of a knife, sword, or other sharp objects

synonym: covering, case

(1) a sword **sheath**, (2) peripheral nerve **sheath**

He had long suffered from inflammation of a tendon **sheath**.

papery

adj. having the texture, appearance, or thinness of paper; brittle or fragile like paper

synonym: thin, papery, flimsy

(1) thin **papery** skin, (2) **papery** leaves

The **papery** texture of the old book was delicate to the touch.

scotch

v. to put an end to or stop something from happening or continuing; to prevent, hinder or restrain something or someone from doing or achieving something; (noun, Scotch) things or people from Scotland, which is a country located in the United Kingdom

synonym: halt, stop, block

(1) **scotch** any further debate, (2) **scotch** the deal

I need to **scotch** these rumors before they spread any further.

exhausted

adj. extremely tired

synonym: drowsy, depleted, fatigued

(1) the **exhausted** food sources, (2) **exhausted** parents

The **exhausted** runner fell to the ground and gasped.

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.

bow

v. to bend your knee or body, or lower your head; (noun) a weapon made of a curved piece of wood or other flexible material, strung with a cord and used to shoot arrows

synonym : bend, curve, arch

(1) **bow** and greet, (2) a **bow** wave

She **bowed** to the audience after her performance.

oracle

n. a person or agency regarded as a source of wisdom, knowledge, or prophecy; an utterance, often ambiguous or obscure, that is considered to have prophetic or wise significance

synonym : prophet, seer, diviner

(1) **oracle** predictions, (2) ancient **oracle**

The company's CEO was considered the **oracle** of strategic decision-making, with a track record of successful business moves.

weightless

adj. having no weight or feeling as if one has no weight, often related to zero gravity or outer space

synonym : floatable, buoyant, light

(1) **weightless** flight, (2) **weightless** environment

The astronaut felt **weightless** as she floated inside the International Space Station.

balloon

n. a small bag made of thin rubber or other light material that can be inflated with air or gas, used as a toy or as a decoration; (verb) to become inflated

synonym : aerostat, blimp, (verb) billow out

(1) **balloon** ride, (2) **balloon** into a severe political problem

The satellite **balloon** slowly ascended into the sky.

blur *n.* a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision

synonym : smudge, smear, fuzz

(1) **blur** image, (2) motion **blur**

The camera's focus was off, and the image was a **blur** of colors and shapes.

ashamed *adj.* feeling guilt, embarrassment, or remorse about something because of something you have done

synonym : regretful, repentant, mortified

(1) feel **ashamed** of him, (2) cast **ashamed** eyes

You don't have to be **ashamed**.

cheerful *adj.* happy and positive; causing feelings of happiness or optimism; marked by or expressing joy or optimism

synonym : happy, joyful, lively

(1) **cheerful** smile, (2) a **cheerful** disposition

Her **cheerful** personality brightened up the room.

tribe *n.* a social group made up of members who live together, sharing the same language, culture, religion, etc., especially those who do not live in towns or cities

synonym : family, clan, kinsfolk

(1) aboriginal **tribe**, (2) mountain **tribe**

The **tribe** had distinctly defined gender roles.

jibe *v.* to be in agreement; to fit together smoothly; (noun) a taunting or insulting remark; an action that is in accord or agreement with something else

synonym : agree, conform, harmonize

(1) friendly **jibe**, (2) **jibe** with expectations

The politician's words didn't **jibe** with his previous statements, making people question his honesty.

brutal

adj. harsh or cruel

synonym: harsh, cruel, barbarous

(1) **brutal** bully, (2) **brutal** honesty

The **brutal** attack left the victim with serious injuries.

comprehend

v. to understand the nature or meaning of something fully

synonym: understand, grasp, apprehend

(1) **comprehend** English, (2) **comprehend** instructions

She struggled to **comprehend** complex math problems.

Session 2: Spelling

1. poet la____te
n. a person who has been awarded an honor or a prize for achievement in a particular field, especially in literature or academia; a poet who is honored for achieving the highest level of excellence in a competition or for producing a lifetime body of work
2. ploughed fu___w
n. a long and narrow groove or trench, typically made in the ground by a plow or a person's fingers; a wrinkle or groove on a person's face
3. obs_____le change
adj. that can be noticed or seen
4. low-r_v engine
n. a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
5. become w__ped
v. to twist or bend out of shape, especially as a result of being heated; to distort or twist the meaning or sense of something
6. fu_____h the information
v. to provide a room or building with furniture and fittings; to provide something useful or necessary
7. a ga___y of famous actors
n. an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity

ANSWERS: 1. laureate, 2. furrow, 3. observable, 4. rev, 5. warp, 6. furnish, 7. galaxy

8. driving di_____ce *n.* the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance
9. te___r touch *adj.* gentle and delicate; showing care and consideration for others; easily injured or hurt; offering a bid or proposal in the process of negotiation
10. feel as_____d of him *adj.* feeling guilt, embarrassment, or remorse about something because of something you have done
11. sp___l design *n.* a curve that coils around a central point and gets progressively farther away from it as it goes around
12. the gen_____on of electricity *n.* all the people born and living at about the same time, regarded collectively; the production of heat or electricity
13. cor_____on coefficient *n.* a statistical relationship between two variables in which one variable is affected by the other; a reciprocal relation between two or more facts, numbers, etc.
14. cast as_____d eyes *adj.* feeling guilt, embarrassment, or remorse about something because of something you have done
15. a bro_____ted goodbye *adj.* deeply upset, distressed, or emotionally hurt, especially as a result of a failed relationship, betrayal, or loss of a loved one

ANSWERS: 8. distance, 9. tender, 10. ashamed, 11. spiral, 12. generation, 13. correlation, 14. ashamed, 15. broken-hearted

16. first-person na_____or *n.* a person who tells a story, especially in a book or film
17. op____s technology *n.* the academic study of vision and light
18. bl__k his eyes *v.* to shut and open the eyes quickly; to gleam or glow in a regular or intermittent way
19. fl_____te prices *v.* to rise and fall irregularly or unexpectedly; to vary or change often and unpredictably
20. pho_____ph memories *n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
21. ter_____al planets *adj.* of or relating to the Earth; relating to or inhabiting the land or the ground as opposed to the sea or air
22. gastric by____s operation *n.* an alternative road, channel, pipe, or connection that allows flow while the main one is closed or obstructed; (verb) to go past or round
23. an exc_____on of surprise *n.* a sudden outcry or shout, especially one expressing strong emotion
24. exc_____on mark *n.* a sudden outcry or shout, especially one expressing strong emotion
25. social di_____ce *n.* the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance

ANSWERS: 16. narrator, 17. optics, 18. blink, 19. fluctuate, 20. photograph, 21. terrestrial, 22. bypass, 23. exclamation, 24. exclamation, 25. distance

26. thin pa___y skin *adj.* having the texture, appearance, or thinness of paper; brittle or fragile like paper
27. a p__t of sorts *n.* a person who writes poetry
28. ya_____ck measurement *n.* a long, narrow strip of wood or metal that is marked with measurements, typically used to measure or compare the length, height, or width of something; a standard against which something can be compared or judged
29. sc___h the deal *v.* to put an end to or stop something from happening or continuing; to prevent, hinder or restrain something or someone from doing or achieving something; (noun, Scotch) things or people from Scotland, which is a country located in the United Kingdom
30. ch_____ul smile *adj.* happy and positive; causing feelings of happiness or optimism; marked by or expressing joy or optimism
31. a ra_____l flaw in the plan *adj.* relating to the essential aspects of anything; far beyond the norm, mainly used of opinions and actions
32. bo__ded with delight *v.* to move forward by leaps and bounds; to form the boundary of something
33. unf_____ed mysteries *adj.* unable to be understood or measured; too deep or mysterious to be fully grasped or explored
34. a convivial atm_____re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

ANSWERS: 26. papery, 27. poet, 28. yardstick, 29. scotch, 30. cheerful, 31. radical, 32. bound, 33. unfathomed, 34. atmosphere

35. sp_____al object *adj.* having the shape of a sphere; round, spherical, or ball-shaped in appearance
36. a binocular te_____pe *n.* a device like a tube in shape containing lenses used to magnify and observe distant objects
37. r_v up the crowd *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
38. bl__m in autumn *n.* a flower, especially one having showy or colorful parts; the best time of youth
39. sh_____r in the moonlight *v.* to shine with a soft, flickering light; to reflect light in a wavering or twinkling way; to glimmer or glisten
40. en_____er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
41. cannot re_____s laughter *v.* to restrain or control by force; to suppress feelings or memories
42. op_____e 24 hours a day *v.* to work in a particular way; to supervise something
43. a pr_____on instrument *n.* the quality or condition of being exact and accurate
44. 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
45. manually op_____e a machine *v.* to work in a particular way; to supervise something

ANSWERS: 35. spherical, 36. telescope, 37. rev, 38. bloom, 39. shimmer, 40. engineer, 41. repress, 42. operate, 43. precision, 44. compose, 45. operate

46. the great di_____ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
47. w__p under pressure *v.* to twist or bend out of shape, especially as a result of being heated; to distort or twist the meaning or sense of something
48. tr_____e album *n.* a payment, gift, or other forms of recognition made in honor of or submission to another person or entity
49. ca_____e customers' hearts *v.* to catch a person or an animal and confine them in an area which they cannot escape
50. speak with pr_____on *n.* the quality or condition of being exact and accurate
51. carbon dioxide in the atm_____re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
52. sh_____r with tears *v.* to shine with a soft, flickering light; to reflect light in a wavering or twinkling way; to glimmer or glisten
53. re_____le source *adj.* having a good reputation or standing; trustworthy, reliable, or respected
54. la___h a spaceship into orbit *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time

ANSWERS: 46. discovery, 47. warp, 48. tribute, 49. capture, 50. precision, 51. atmosphere, 52. shimmer, 53. reputable, 54. launch

55. a branch of as_____my *n.* the scientific study of objects and matter outside the Earth's atmosphere, especially the positions, motions, and evolution of celestial bodies
56. elliptic ga____y *n.* an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
57. mountain tr__e *n.* a social group made up of members who live together, sharing the same language, culture, religion, etc., especially those who do not live in towns or cities
58. 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
59. re_____s gene expression *v.* to restrain or control by force; to suppress feelings or memories
60. a court p__t *n.* a person who writes poetry
61. the ex_____ed food sources *adj.* extremely tired
62. as_____my science *n.* the scientific study of objects and matter outside the Earth's atmosphere, especially the positions, motions, and evolution of celestial bodies
63. a divine rev_____on *n.* a fact that has been disclosed to others, especially a surprising one; the act of revealing or telling the fact or truth to others; communication of knowledge to humans by a divine or supernatural agency

ANSWERS: 55. astronomy, 56. galaxy, 57. tribe, 58. struggle, 59. repress, 60. poet, 61. exhausted, 62. astronomy, 63. revelation

73. bo__d up a staircase *v.* to move forward by leaps and bounds; to form the boundary of something
74. 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
75. the na____or of the TV program *n.* a person who tells a story, especially in a book or film
76. rev____ary change *adj.* relating to or characterized by a complete or dramatic change
77. ex____ed parents *adj.* extremely tired
78. fl__k of dust *n.* a small patch, spot, or discoloration, often caused by dirt, grime, or a foreign substance
79. b__r image *n.* a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision
80. sc__b off graffiti *v.* to clean something thoroughly, typically with a brush and soap or detergent
81. sin____ded responsibility *adj.* done or accomplished by one person alone
82. ca____e a glimpse *v.* to catch a person or an animal and confine them in an area which they cannot escape
83. aw__t your reply *v.* to wait or stay ready for something; to expect or anticipate something
84. ob____nt nature *adj.* paying careful attention to details and surroundings; quick to notice things and circumstances; mindful of social norms and customs

ANSWERS: 73. bound, 74. universe, 75. narrator, 76. revolutionary, 77. exhausted, 78. fleck, 79. blur, 80. scrub, 81. single-handed, 82. capture, 83. await, 84. observant

85. oc_____e the ureteral orifice
v. to obstruct or block something, usually a passage or opening, in a way that prevents normal flow or access
86. 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
87. com_____nd English
v. to understand the nature or meaning of something fully
88. a civil en_____er
n. a person whose job is designing, building, or maintaining something such as machines, structures, or software
89. tre_____us popularity
adj. very great in degree or extent or amount or impact; extremely good
90. a southern ex_____re
n. the state of being in a particular situation or place where there is no protection from or guarantee to something harmful; the disclosure of something secret
91. br____l honesty
adj. harsh or cruel
92. a ra____l cure
adj. relating to the essential aspects of anything; far beyond the norm, mainly used of opinions and actions
93. pay tr_____e
n. a payment, gift, or other forms of recognition made in honor of or submission to another person or entity
94. sc____h any further debate
v. to put an end to or stop something from happening or continuing; to prevent, hinder or restrain something or someone from doing or achieving something; (noun, Scotch) things or people from Scotland, which is a country located in the United Kingdom

ANSWERS: 85. occlude, 86. compose, 87. comprehend, 88. engineer, 89. tremendous, 90. exposure, 91. brutal, 92. radical, 93. tribute, 94. scotch

95. p__m to the dead *n.* a piece of writing that emphasizes the expression of feelings and ideas by paying particular attention to diction (sometimes rhyme), rhythm, and imagery
96. an excellent brain su____n *n.* a doctor who is trained to perform medical operations that involve cutting open a person's body
97. wei_____ss environment *adj.* having no weight or feeling as if one has no weight, often related to zero gravity or outer space
98. a mi_____ry leader *adj.* relating to or characteristic of members of the armed forces; of or relating to war or warfare
99. gra_____nal waves *adj.* relating to or caused by gravity (= the force that attracts objects towards one another)
100. sp_____al shape *adj.* having the shape of a sphere; round, spherical, or ball-shaped in appearance
101. su_____d a decision *v.* to stop something from continuing or being in force or effect, either temporarily or permanently; to hang something freely
102. army su____n *n.* a doctor who is trained to perform medical operations that involve cutting open a person's body
103. pa___y leaves *adj.* having the texture, appearance, or thinness of paper; brittle or fragile like paper

ANSWERS: 95. poem, 96. surgeon, 97. weightless, 98. military, 99. gravitational, 100. spherical, 101. suspend, 102. surgeon, 103. papery

104. gen_____on gap *n.* all the people born and living at about the same time, regarded collectively; the production of heat or electricity
105. ancient or ___e *n.* a person or agency regarded as a source of wisdom, knowledge, or prophecy; an utterance, often ambiguous or obscure, that is considered to have prophetic or wise significance
106. the rev_____on of a secret *n.* a fact that has been disclosed to others, especially a surprising one; the act of revealing or telling the fact or truth to others; communication of knowledge to humans by a divine or supernatural agency
107. g__p for air *v.* to inhale sharply and audibly, often in response to strong emotion or sensation; to catch one's breath suddenly, often due to shock or surprise
108. black-and-white bl__ms *n.* a flower, especially one having showy or colorful parts; the best time of youth
109. com_____te her long life *v.* to honor the memory of someone or something by ceremony or tribute
110. a classified ca_____g *n.* a complete list of items, often including technical details and prices
111. sc_____le on paper *v.* to write or draw carelessly and in a hurry
112. a scientific di_____ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

ANSWERS: 104. generation, 105. oracle, 106. revelation, 107. gasp, 108. bloom, 109. commemorate, 110. catalog, 111. scribble, 112. discovery

113. ro___t attack against the enemy *n.* a large tube-shaped object that moves very first by a stream of gases let out behind it, used for space travel or as a weapon
114. a sword sh___h *n.* a close-fitting cover to protect something such as the blade of a knife, sword, or other sharp objects
115. nuclear ph____s *n.* the science of matter and energy and their interactions
116. sc__b dirt from potatoes *v.* to clean something thoroughly, typically with a brush and soap or detergent
117. 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
118. ter____al heat *adj.* of or relating to the Earth; relating to or inhabiting the land or the ground as opposed to the sea or air
119. furrowed b__w *n.* the ridge over the eye sockets; the forehead
120. fu____h a suitable occasion *v.* to provide a room or building with furniture and fittings; to provide something useful or necessary
121. die su____ly *adv.* quickly and unexpectedly
122. sc____le notes *v.* to write or draw carelessly and in a hurry
123. ecological cor____on *n.* a statistical relationship between two variables in which one variable is affected by the other; a reciprocal relation between two or more facts, numbers, etc.

ANSWERS: 113. rocket, 114. sheath, 115. physics, 116. scrub, 117. instrument, 118. terrestrial, 119. brow, 120. furnish, 121. suddenly, 122. scribble, 123. correlation

124. laws of ph____s *n.* the science of matter and energy and their interactions
125. ro____t fuel *n.* a large tube-shaped object that moves very first by a stream of gases let out behind it, used for space travel or as a weapon
126. br____l bully *adj.* harsh or cruel
127. bl__k in astonishment *v.* to shut and open the eyes quickly; to gleam or glow in a regular or intermittent way
128. lig_____se keeper *n.* a tower or other structure that is equipped with a powerful light designed to guide ships safely to harbor or warn them of impending danger
129. ob_____nt eye *adj.* paying careful attention to details and surroundings; quick to notice things and circumstances; mindful of social norms and customs
130. fl_____te rapidly *v.* to rise and fall irregularly or unexpectedly; to vary or change often and unpredictably
131. be____n of hope *n.* a light or other visible object serving as a signal, guide, or warning
132. la____h a big attack *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
133. an_____e a chemical compound *v.* to think about in-depth and evaluate to discover essential features or meaning

ANSWERS: 124. physics, 125. rocket, 126. brutal, 127. blink, 128. lighthouse, 129. observant, 130. fluctuate, 131. beacon, 132. launch, 133. analyze

134. cited ve__e *n.* a type of poetry that is characterized by a metrical structure and often a rhyme scheme
135. an aerial be___n *n.* a light or other visible object serving as a signal, guide, or warning
136. the ex_____re of a fraud *n.* the state of being in a particular situation or place where there is no protection from or guarantee to something harmful; the disclosure of something secret
137. j__e with expectations *v.* to be in agreement; to fit together smoothly; (noun) a taunting or insulting remark; an action that is in accord or agreement with something else
138. peripheral nerve sh___h *n.* a close-fitting cover to protect something such as the blade of a knife, sword, or other sharp objects
139. unf_____ed depths *adj.* unable to be understood or measured; too deep or mysterious to be fully grasped or explored
140. unwavering per_____nce *n.* steadfastness in doing something despite difficulty or delay in achieving success
141. 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
142. motion b__r *n.* a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision

ANSWERS: 134. verse, 135. beacon, 136. exposure, 137. jibe, 138. sheath, 139. unfathomed, 140. perseverance, 141. universe, 142. blur

143. en____us potential *adj.* extremely large or great
144. space obs____ry *n.* a building designed and equipped to observe the planets, the stars, the weather, etc.
145. 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
146. mo__t a hill *v.* to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone
147. by___s circuit *n.* an alternative road, channel, pipe, or connection that allows flow while the main one is closed or obstructed; (verb) to go past or round
148. su____d fruits from the ceiling *v.* to stop something from continuing or being in force or effect, either temporarily or permanently; to hang something freely
149. fu____l a contract *v.* to meet the requirements or expectations; to achieve or realize
150. bro____ted tears *adj.* deeply upset, distressed, or emotionally hurt, especially as a result of a failed relationship, betrayal, or loss of a loved one
151. gra____nal energy *adj.* relating to or caused by gravity (= the force that attracts objects towards one another)

ANSWERS: 143. enormous, 144. observatory, 145. instrument, 146. mount, 147. bypass, 148. suspend, 149. fulfill, 150. broken-hearted, 151. gravitational

152. di____ct from each other *adj.* noticeable from something else of a similar type
153. a mi____ry operation *adj.* relating to or characteristic of members of the armed forces; of or relating to war or warfare
154. a meteorological obs______ry *n.* a building designed and equipped to observe the planets, the stars, the weather, etc.
155. aboriginal tr__e *n.* a social group made up of members who live together, sharing the same language, culture, religion, etc., especially those who do not live in towns or cities
156. fu____l a lifetime dream *v.* to meet the requirements or expectations; to achieve or realize
157. g__p in shock *v.* to inhale sharply and audibly, often in response to strong emotion or sensation; to catch one's breath suddenly, often due to shock or surprise
158. live in a cl____r *n.* a group of similar things or people close together, often forming a distinct mass or unit
159. pe__h on a ledge *v.* to sit, stand, or rest on something, particularly a narrow or elevated surface; to position oneself confidently or dominantly; to place something in a high or elevated position; (noun) a branch or other elevated place where a bird can rest or roost
160. emission ne____a *n.* a cloud of gas and dust in space, visible in the night sky, typically as a diffuse light source

ANSWERS: 152. distinct, 153. military, 154. observatory, 155. tribe, 156. fulfill, 157. gasp, 158. cluster, 159. perch, 160. nebula

161. aw__t a decision *v.* to wait or stay ready for something; to expect or anticipate something
162. a ch____ul disposition *adj.* happy and positive; causing feelings of happiness or optimism; marked by or expressing joy or optimism
163. a va____le species *adj.* likely to change or vary often; (noun) a symbol, like x or y, that is used in mathematical or logical expressions to represent a value that may be changed
164. te___r age *adj.* gentle and delicate; showing care and consideration for others; easily injured or hurt; offering a bid or proposal in the process of negotiation
165. the or__t of the moon *n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity.
166. com_____te a deed *v.* to honor the memory of someone or something by ceremony or tribute
167. lig_____se beacon *n.* a tower or other structure that is equipped with a powerful light designed to guide ships safely to harbor or warn them of impending danger
168. ba____n ride *n.* a small bag made of thin rubber or other light material that can be inflated with air or gas, used as a toy or as a decoration; (verb) to become inflated
169. fl__k of paint *n.* a small patch, spot, or discoloration, often caused by dirt, grime, or a foreign substance

ANSWERS: 161. await, 162. cheerful, 163. variable, 164. tender, 165. orbit, 166. commemorate, 167. lighthouse, 168. balloon, 169. fleck

170. or___e predictions *n.* a person or agency regarded as a source of wisdom, knowledge, or prophecy; an utterance, often ambiguous or obscure, that is considered to have prophetic or wise significance
171. ya_____ck comparison *n.* a long, narrow strip of wood or metal that is marked with measurements, typically used to measure or compare the length, height, or width of something; a standard against which something can be compared or judged
172. a narrative p__m *n.* a piece of writing that emphasizes the expression of feelings and ideas by paying particular attention to diction (sometimes rhyme), rhythm, and imagery
173. di_____ct difference *adj.* noticeable from something else of a similar type
174. narrow fu___w *n.* a long and narrow groove or trench, typically made in the ground by a plow or a person's fingers; a wrinkle or groove on a person's face
175. dogged per_____nce *n.* steadfastness in doing something despite difficulty or delay in achieving success
176. mo__t a counterattack *v.* to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone

ANSWERS: 170. oracle, 171. yardstick, 172. poem, 173. distinct, 174. furrow, 175. perseverance, 176. mount

177. a dependent va_____le
adj. likely to change or vary often; (noun) a symbol, like x or y , that is used in mathematical or logical expressions to represent a value that may be changed
178. fiber op_____s
n. the academic study of vision and light
179. tre_____us amount
adj. very great in degree or extent or amount or impact; extremely good
180. or_____ry annual revenue
adj. not different, exceptional, or unexpected in any way, especially in quality, ability, size, or degree
181. a b_w wave
v. to bend your knee or body, or lower your head; (noun) a weapon made of a curved piece of wood or other flexible material, strung with a cord and used to shoot arrows
182. com_____nd instructions
v. to understand the nature or meaning of something fully
183. en_____us amount
adj. extremely large or great
184. pe__h of a bird of prey
v. to sit, stand, or rest on something, particularly a narrow or elevated surface; to position oneself confidently or dominantly; to place something in a high or elevated position; (noun) a branch or other elevated place where a bird can rest or roost
185. sp____l staircase
n. a curve that coils around a central point and gets progressively farther away from it as it goes around
186. n__a explosion
n. a star that suddenly becomes brighter, typically because of an explosion in its interior; a sudden increase or burst of activity or growth

ANSWERS: 177. variable, 178. optics, 179. tremendous, 180. ordinary, 181. bow, 182. comprehend, 183. enormous, 184. perch, 185. spiral, 186. nova

187. the b__w of a hill *n.* the ridge over the eye sockets; the forehead
188. b_w and greet *v.* to bend your knee or body, or lower your head; (noun) a weapon made of a curved piece of wood or other flexible material, strung with a cord and used to shoot arrows
189. 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
190. su____ly attacked by an enemy *adv.* quickly and unexpectedly
191. pho_____ph album *n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
192. sin_____ded victory *adj.* done or accomplished by one person alone
193. wei_____ss flight *adj.* having no weight or feeling as if one has no weight, often related to zero gravity or outer space
194. 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
195. a planetary or__t *n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity.

ANSWERS: 187. brow, 188. bow, 189. struggle, 190. suddenly, 191. photograph, 192. single-handed, 193. weightless, 194. prelude, 195. orbit

196. an_____e your real motives *v.* to think about in-depth and evaluate to discover essential features or meaning
197. an or_____ry school *adj.* not different, exceptional, or unexpected in any way, especially in quality, ability, size, or degree
198. ve__e play *n.* a type of poetry that is characterized by a metrical structure and often a rhyme scheme
199. a cl_____r of stars *n.* a group of similar things or people close together, often forming a distinct mass or unit
200. enforce rev_____ary justice *adj.* relating to or characterized by a complete or dramatic change
201. 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
202. ca_____g card *n.* a complete list of items, often including technical details and prices

ANSWERS: 196. analyze, 197. ordinary, 198. verse, 199. cluster, 200. revolutionary, 201. prelude, 202. catalog

Session 3: Fill in the Blanks

1. The newborn baby was swaddled in a soft and _____ blanket.
adj. gentle and delicate; showing care and consideration for others; easily injured or hurt; offering a bid or proposal in the process of negotiation
2. The _____ detective noticed the smallest details that helped solve the crime.
adj. paying careful attention to details and surroundings; quick to notice things and circumstances; mindful of social norms and customs
3. I found an old _____ of my grandparents from their wedding day.
n. a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
4. Her _____ personality brightened up the room.
adj. happy and positive; causing feelings of happiness or optimism; marked by or expressing joy or optimism
5. She used the online _____ to find the perfect pair of earrings for her sister's birthday.
n. a complete list of items, often including technical details and prices
6. The farmer plowed deep _____ in the field before planting his crops.
n. a long and narrow groove or trench, typically made in the ground by a plow or a person's fingers; a wrinkle or groove on a person's face
7. You don't have to be _____.
adj. feeling guilt, embarrassment, or remorse about something because of something you have done

ANSWERS: 1. tender, 2. observant, 3. photograph, 4. cheerful, 5. catalog, 6. furrows, 7. ashamed

8. Despite facing numerous setbacks and obstacles, his _____ and determination led him to success.
- n.* steadfastness in doing something despite difficulty or delay in achieving success
9. 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
10. She was left _____ after her long-term partner ended their relationship.
- adj.* deeply upset, distressed, or emotionally hurt, especially as a result of a failed relationship, betrayal, or loss of a loved one
11. The country _____ the war heroes on Memorial Day.
- v.* to honor the memory of someone or something by ceremony or tribute
12. He stepped on the gas pedal, and the engine released a loud ____.
- n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
13. The _____ makes use of the local dialect.
- n.* a person who tells a story, especially in a book or film
14. This machine is too difficult to _____ for me.
- v.* to work in a particular way; to supervise something
15. The satellite _____ slowly ascended into the sky.
- n.* a small bag made of thin rubber or other light material that can be inflated with air or gas, used as a toy or as a decoration; (verb) to become inflated

ANSWERS: 8. perseverance, 9. instrument, 10. broken-hearted, 11. commemorated, 12. rev, 13. narrator, 14. operate, 15. balloon

16. I need to _____ these rumors before they spread any further.
- v.* to put an end to or stop something from happening or continuing; to prevent, hinder or restrain something or someone from doing or achieving something; (noun, Scotch) things or people from Scotland, which is a country located in the United Kingdom
17. He studied the _____ of radiation.
- n.* the science of matter and energy and their interactions
18. A great _____ is a fountain forever overflowing with the waters of wisdom and delight.
- n.* a piece of writing that emphasizes the expression of feelings and ideas by paying particular attention to diction (sometimes rhyme), rhythm, and imagery
19. 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
20. The _____ had distinctly defined gender roles.
- n.* a social group made up of members who live together, sharing the same language, culture, religion, etc., especially those who do not live in towns or cities
21. It is essential to keep these two issues _____.
- adj.* noticeable from something else of a similar type
22. The spaceship began to burn up as it approached the Earth's _____.
- n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

ANSWERS: 16. scotch, 17. physics, 18. poem, 19. surgeon, 20. tribe, 21. distinct, 22. atmosphere

23. The astronaut felt _____ as she floated inside the International Space Station.
- adj.* having no weight or feeling as if one has no weight, often related to zero gravity or outer space
24. Tourists gathered at the _____ base to take photos and admire the view.
- n.* a tower or other structure that is equipped with a powerful light designed to guide ships safely to harbor or warn them of impending danger
25. The sunlight made the water in the pool _____ like diamonds.
- v.* to shine with a soft, flickering light; to reflect light in a wavering or twinkling way; to glimmer or glisten
26. Using test scores as a _____ to measure intelligence is only sometimes reliable.
- n.* a long, narrow strip of wood or metal that is marked with measurements, typically used to measure or compare the length, height, or width of something; a standard against which something can be compared or judged
27. The Earth is a nearly _____ planet.
- adj.* having the shape of a sphere; round, spherical, or ball-shaped in appearance
28. The bird _____ on the branch, watching the world below.
- v.* to sit, stand, or rest on something, particularly a narrow or elevated surface; to position oneself confidently or dominantly; to place something in a high or elevated position; (noun) a branch or other elevated place where a bird can rest or roost
29. It was the first time for her, but she _____ the role of Priest.
- v.* to meet the requirements or expectations; to achieve or realize

ANSWERS: 23. weightless, 24. lighthouse's, 25. shimmer, 26. yardstick, 27. spherical, 28. perched, 29. fulfilled

30. He had a deep passion for extragalactic _____ and spent hours observing the night sky.

n. the scientific study of objects and matter outside the Earth's atmosphere, especially the positions, motions, and evolution of celestial bodies

31. We had a _____ time yesterday.

adj. very great in degree or extent or amount or impact; extremely good

32. That astronomical _____ stands at the top of the mountain.

n. a building designed and equipped to observe the planets, the stars, the weather, etc.

33. The words were _____ in pencil.

v. to write or draw carelessly and in a hurry

34. The University _____ the most recalcitrant demonstrators.

v. to stop something from continuing or being in force or effect, either temporarily or permanently; to hang something freely

35. The traffic jam _____ the road and caused a significant delay in the journey.

v. to obstruct or block something, usually a passage or opening, in a way that prevents normal flow or access

36. The lighthouse served as a _____ to guide ships safely into port.

n. a light or other visible object serving as a signal, guide, or warning

37. The galactic _____ was a beautiful sight through the telescope, with its vibrant colors and swirling clouds.

n. a cloud of gas and dust in space, visible in the night sky, typically as a diffuse light source

ANSWERS: 30. astronomy, 31. tremendous, 32. observatory, 33. scribbled, 34. suspended, 35. occluded, 36. beacon, 37. nebula

38. She _____ to the audience after her performance.

- v.* to bend your knee or body, or lower your head; (noun) a weapon made of a curved piece of wood or other flexible material, strung with a cord and used to shoot arrows

39. The shocking _____ embarrassed the administration.

- n.* a fact that has been disclosed to others, especially a surprising one; the act of revealing or telling the fact or truth to others; communication of knowledge to humans by a divine or supernatural agency

40. Shakespeare's output of poetry was _____.

- adj.* extremely large or great

41. The leaves of the fern were arranged in a _____ pattern.

- n.* a curve that coils around a central point and gets progressively farther away from it as it goes around

42. 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

43. We _____ the results of the election with bated breath.

- v.* to wait or stay ready for something; to expect or anticipate something

44. He _____ in the dazzling sunlight.

- v.* to shut and open the eyes quickly; to gleam or glow in a regular or intermittent way

45. Canada _____ on the United States.

- v.* to move forward by leaps and bounds; to form the boundary of something

ANSWERS: 38. bowed, 39. revelation, 40. enormous, 41. spiral, 42. prelude, 43. await, 44. blinked, 45. bounds

46. The politician's words didn't _____ with his previous statements, making people question his honesty.
- v.* to be in agreement; to fit together smoothly; (noun) a taunting or insulting remark; an action that is in accord or agreement with something else
47. She decided to _____ the kitchen floor to remove all the dirt and grime.
- v.* to clean something thoroughly, typically with a brush and soap or detergent
48. The astronomer spent months studying the _____ light spectrum to learn more about its properties.
- n.* a star that suddenly becomes brighter, typically because of an explosion in its interior; a sudden increase or burst of activity or growth
49. 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
50. The _____ academy was known for its strict discipline and training.
- adj.* relating to or characteristic of members of the armed forces; of or relating to war or warfare
51. 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
52. The rocket engine is used to put the satellite into _____.
- n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity.
53. The statue was built as a _____ to the soldiers who died in the war.
- n.* a payment, gift, or other forms of recognition made in honor of or submission to another person or entity

ANSWERS: 46. jibe, 47. scrub, 48. nova's, 49. composed, 50. military, 51. struggle, 52. orbit, 53. tribute

54. The _____ will repair my telephone tomorrow morning.
- n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
55. The teacher attempted to _____ the root cause of our mistake.
- v.* to think about in-depth and evaluate to discover essential features or meaning
56. The new homeowners decided to _____ the living room with new furniture.
- v.* to provide a room or building with furniture and fittings; to provide something useful or necessary
57. I was able to _____ the moment on film.
- v.* to catch a person or an animal and confine them in an area which they cannot escape
58. This operation requires both patience and _____.
- n.* the quality or condition of being exact and accurate
59. The Milky Way _____ has numerous water-bearing planets.
- n.* an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
60. The audience _____ when the magician made the rabbit disappear from the hat.
- v.* to inhale sharply and audibly, often in response to strong emotion or sensation; to catch one's breath suddenly, often due to shock or surprise
61. The company is set to _____ its new product line next month.
- v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time

ANSWERS: 54. engineer, 55. analyze, 56. furnish, 57. capture, 58. precision, 59. galaxy, 60. gasped, 61. launch

62. The camera's focus was off, and the image was a _____ of colors and shapes.
n. a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision
63. 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
64. The _____ texture of the old book was delicate to the touch.
adj. having the texture, appearance, or thinness of paper; brittle or fragile like paper
65. A _____ of grapes hung from the vine.
n. a group of similar things or people close together, often forming a distinct mass or unit
66. The long _____ to the air tarnished the antique tableware.
n. the state of being in a particular situation or place where there is no protection from or guarantee to something harmful; the disclosure of something secret
67. A small _____ of red wine ruined the white shirt.
n. a small patch, spot, or discoloration, often caused by dirt, grime, or a foreign substance
68. The poet recited a _____ from her latest collection.
n. a type of poetry that is characterized by a metrical structure and often a rhyme scheme
69. I only trust certified mechanics from _____ auto shops to work on my car.
adj. having a good reputation or standing; trustworthy, reliable, or respected

ANSWERS: 62. blur, 63. universe, 64. papery, 65. cluster, 66. exposure, 67. fleck, 68. verse, 69. reputable

70. There is a strong _____ between education level and income.
n. a statistical relationship between two variables in which one variable is affected by the other; a reciprocal relation between two or more facts, numbers, etc.
71. Any theorem relies on both _____ fact and assumption.
adj. that can be noticed or seen
72. Rainfall in the tropics is highly _____.
adj. likely to change or vary often; (noun) a symbol, like x or y, that is used in mathematical or logical expressions to represent a value that may be changed
73. The Nobel _____ delivered an inspiring speech to the graduating class.
n. a person who has been awarded an honor or a prize for achievement in a particular field, especially in literature or academia; a poet who is honored for achieving the highest level of excellence in a competition or for producing a lifetime body of work
74. The marathon runner covered a long _____ in a short amount of time.
n. the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance
75. This patient must undergo _____ surgery.
n. an alternative road, channel, pipe, or connection that allows flow while the main one is closed or obstructed; (verb) to go past or round
76. The government established by the coup was more _____ than before.
adj. relating to the essential aspects of anything; far beyond the norm, mainly used of opinions and actions

ANSWERS: 70. correlation, 71. observable, 72. variable, 73. laureate, 74. distance, 75. bypass, 76. radical

77. This facility has the largest astronomical _____ in the country.
n. a device like a tube in shape containing lenses used to magnify and observe distant objects
78. The _____ session of the Diet opened.
adj. not different, exceptional, or unexpected in any way, especially in quality, ability, size, or degree
79. Who answers _____ knows little.
adv. quickly and unexpectedly
80. She struggled to _____ complex math problems.
v. to understand the nature or meaning of something fully
81. Stock prices _____ daily based on market demand and supply.
v. to rise and fall irregularly or unexpectedly; to vary or change often and unpredictably
82. She wiped the sweat from her _____ after finishing the marathon.
n. the ridge over the eye sockets; the forehead
83. _____ longitude is measured in degrees east or west of the Prime Meridian.
adj. of or relating to the Earth; relating to or inhabiting the land or the ground as opposed to the sea or air
84. He _____ the memories of his traumatic childhood.
v. to restrain or control by force; to suppress feelings or memories

ANSWERS: 77. telescope, 78. ordinary, 79. suddenly, 80. comprehend, 81. fluctuate, 82. brow, 83. Terrestrial, 84. repressed

85. The ship's hull was _____ from years of use in rough seas.

- v.* to twist or bend out of shape, especially as a result of being heated; to distort or twist the meaning or sense of something

86. Einstein's new _____ theory transformed traditional scientific notions about light.

- n.* the academic study of vision and light

87. He started a _____ project to earn additional money.

- adj.* done or accomplished by one person alone

88. The cherry blossoms in the park were in full _____.

- n.* a flower, especially one having showy or colorful parts; the best time of youth

89. She is a talented _____ who has been recognized for her work.

- n.* a person who writes poetry

90. The ocean's depths are still _____ territory for many scientists.

- adj.* unable to be understood or measured; too deep or mysterious to be fully grasped or explored

91. The _____ runner fell to the ground and gasped.

- adj.* extremely tired

92. The company's CEO was considered the _____ of strategic decision-making, with a track record of successful business moves.

- n.* a person or agency regarded as a source of wisdom, knowledge, or prophecy; an utterance, often ambiguous or obscure, that is considered to have prophetic or wise significance

ANSWERS: 85. warped, 86. optics, 87. single-handed, 88. bloom, 89. poet, 90. unfathomed, 91. exhausted, 92. oracle

93. He had long suffered from inflammation of a tendon _____.
- n.* a close-fitting cover to protect something such as the blade of a knife, sword, or other sharp objects
94. The _____ launch platform is visible from this hill.
- n.* a large tube-shaped object that moves very first by a stream of gases let out behind it, used for space travel or as a weapon
95. The _____ leader inspired others to join the fight for freedom and democracy.
- adj.* relating to or characterized by a complete or dramatic change
96. Her sudden _____ drew everyone's attention.
- n.* a sudden outcry or shout, especially one expressing strong emotion
97. The younger _____ has different values and beliefs than the older one.
- n.* all the people born and living at about the same time, regarded collectively; the production of heat or electricity
98. They _____ pictures on the paper in preparation for the birthday card.
- v.* to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone
99. The _____ attack left the victim with serious injuries.
- adj.* harsh or cruel
100. Her research team made an important _____.
- n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

ANSWERS: 93. sheath, 94. rocket, 95. revolutionary, 96. exclamation, 97. generation, 98. mounted, 99. brutal, 100. discovery

101. The _____ force of the black hole was so strong that nothing, not even light, could escape.

adj. relating to or caused by gravity (= the force that attracts objects towards one another)

ANSWERS: 101. gravitational