

# Englist.me



## Vocabulary Builder Reference from...

Larry Lagerstrom: Einstein's miracle year | TED Talk  
[https://www.ted.com/talks/larry\\_lagerstrom\\_einsteins\\_miracle\\_year](https://www.ted.com/talks/larry_lagerstrom_einsteins_miracle_year)

### All Words

#### IMPORTANT

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## Session 1: Word List

### dawn

*n.* the time of day when the sun's light starts to show in the sky

*synonym*: daybreak, sunrise, advent

(1) the wan light of **dawn**, (2) crack of **dawn**

Missile assaults on the capital continued around **dawn**.

### soon-to-be

*adj.* used to describe someone or something that will soon become something else or will soon be in a different state or position

*synonym*: upcoming, imminent, future

(1) **soon-to-be** parents, (2) **soon-to-be** graduates

The **soon-to-be** bride was busy planning all the details of her upcoming wedding.

### academic

*adj.* associated with schools, colleges, and universities, especially studying and thinking, not with practical skills

*synonym*: educational, scholarly, theoretical

(1) **academic** probation, (2) an **academic** discussion

An excellent historian must possess an **academic** mentality.

### physicist

*n.* a scientist who specializes in the field of physics

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

Einstein was an outstanding and famous **physicist** of the 20th century.

## scoff

v. to laugh and talk about a person or idea in a way that makes it clear that you think they are stupid or silly

*synonym*: mock, gibe, jeer

(1) **scoff** at a rumor, (2) **scoff** at the idea

We tend to **scoff** at the education, habits, and tastes of people from very different cultures.

## servant

n. a person who performs duties for others, especially a person employed in a house on domestic duties or as a personal attendant

*synonym*: attendant, helper, assistant

(1) **servant** of God, (2) fellow **servant**

The faithful **servant** had been working for the family for many years and was well-trusted.

## contribute

v. to give something, especially money or goods, to provide or achieve something together with other people

*synonym*: donate, devote, commit

(1) **contribute** a large sum of money to the fund,

(2) **contribute** to society

Government workers cannot **contribute** to political campaigns.

## extraordinary

adj. exceptional, unexpected, very unusual; surpassing the ordinary or usual

*synonym*: exceptional, noteworthy, astonishing

(1) **extraordinary** ability, (2) **extraordinary** weather

He narrated the **extraordinary** story of his adventure.

## topic

n. a subject that is being discussed or written about

*synonym*: subject, theme, issue

(1) a serious **topic**, (2) the **topic** of the book

The **topic** of the discussion was the current state of the economy.

## destine

v. to determine or set the course of something in advance, often in a way that seems predetermined or inevitable;

to specify or choose someone or something for a particular fate or outcome

*synonym* : ordain, doom, predestine

(1) **destine** us to meet again, (2) be **destined** to become a great artist

Some people believe that we are all **destined** for greatness.

## transform

*v.* to change in outward structure or looks;

*synonym* : alter, convert, change

(1) **transform** an education system, (2) **transform** heat into power

My father's death **transformed** my life completely.

## 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.

## myth

*n.* an ancient story or set of stories accepted as history, especially explaining the worldview of a people

*synonym* : fable, legend, lore

(1) the **myth** of an old religion, (2) perpetuate a **myth**

With the financial bubble bursting, the **myth** of economic growth in investment banking collapsed.

## mathematics

*n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement

*synonym* : arithmetic, calculation, calculus

(1) a good grounding in **mathematics**, (2) **mathematics** competition

He has a flair for **mathematics**.

## calculus

*n.* a branch of mathematics that deals with rates of change and limits; the accumulation of hard mineral deposits

that can form in organs or ducts in the body, such as kidney stones or gallstones

*synonym*: mathematics, math, analysis

(1) **calculus** equations, (2) **calculus** disease

I needed help understanding the advanced **calculus** course material.

## polytechnic

*n.* a school or institution that offers instruction in a wide range of technical or professional subjects, often including both theoretical and practical components

*synonym*: technical college, trade school, vocational school

(1) **polytechnic** institute, (2) **polytechnic** education

My brother studies at a **polytechnic** university, which offers courses in various technical fields.

## physics

*n.* the science of matter and energy and their interactions

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

He studied the **physics** of radiation.

## diploma

*n.* a document showing the completion of a course of study or a portion of the education program; a course of study at a college or university

*synonym*: credential, certificate, degree

(1) university **diploma**, (2) **diploma** thesis

He completed his high school **diploma** via correspondence courses.

## skip

*v.* to move along lightly and quickly, making a step from one foot to the other with a hop or bounce; to intentionally fail to do something which would normally do

*synonym*: bounce, spring, neglect

(1) **skip** across the country, (2) **skip** breakfast

We **skipped** the topic because it was too complicated.

## 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**.

## neglect

*v.* to not give enough care or attention to something; to leave something undone

*synonym* : delinquency, carelessness, decay

(1) **neglect** to call, (2) **neglect** ethical issues

He **neglected** his health to make the project a success.

## deference

*n.* respectful or polite submission or yielding to the judgment, opinion, or wishes of another person or group; a show of respect or honor

*synonym* : respect, obedience, submission

(1) **deference** to authority, (2) pay **deference**

The student showed **deference** to their teacher by always being respectful in class.

## derail

*v.* to cause a train or tram to run off the tracks accidentally; to run off or leave the rails accidentally

*synonym* : crash, wreck, thwart

(1) **derail** the recovery, (2) **derail** an argument

The train **derailed** because a cow was standing on the tracks.

## intent

*n.* a strong determination or attention to do or achieve something; (adjective) having a strong determination to do or achieve something

*synonym* : purpose, aim, goal

(1) the **intent** of a question, (2) **intent** gaze

The designer's **intent** was to create a minimalist aesthetic for the interior of the building.

## assistant

*n.* someone who helps or supports someone else to do a job

*synonym* : aide, helper, associate

(1) an unwilling **assistant**, (2) **assistant** professor  
An executive **assistant** director administers each branch.

## settle

v. to reach an agreement of disagreement

*synonym*: inhabit, occupy, decide

(1) **settle** a dispute, (2) **settle** down in the town

I don't want to **settle** for second best.

## patent

n. a legal document that grants an inventor exclusive rights to their invention for a certain period of time; the invention or process for which a patent has been granted

*synonym*: copyright, trademark, license

(1) **patent** application, (2) **patent** law

The company has filed for a **patent** to protect its new invention.

## obtain

v. to get something, especially by making a great effort

*synonym*: accept, acquire, receive

(1) **obtain** a license, (2) **obtain** a bid

Where can I **obtain** the application form?

## clerk

n. a person who works in an office and is responsible for keeping records, writing letters, etc.; a person who works in a store and is responsible for serving customers

*synonym*: worker, record-keeper, letter-writer

(1) **clerk** job, (2) **clerk** position

The **clerk** at the store helped me find what I needed.

## discuss

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

*synonym*: talk about, converse, debate

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

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

## submit

*v.* to give or offer a document, proposal, etc. to a decision-maker for examination or consideration

*synonym*: hand in, present, propose

(1) agree to **submit** the bill, (2) **submit** an application

Please **submit** the assignment to me.

## shocking

*adj.* extremely or surprisingly bad, or causing a strong emotional response such as surprise or disgust

*synonym*: startling, surprising, astounding

(1) **shocking** response, (2) **shocking** revelation

The news of the accident was **shocking** and left many in shock.

## hypothesis

*n.* a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate

*synonym*: assumption, conjecture, theory

(1) test my **hypothesis**, (2) a bold **hypothesis**

This evidence supports the big-bang **hypothesis**.

## propose

*v.* to make a proposal, declare a plan for something

*synonym*: suggest, offer, recommend

(1) **propose** the amendment, (2) **propose** changes

I want to **propose** a toast in honor of our longstanding relationship.

## particle

*n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance

*synonym*: atom, grain, bit

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

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

## mysterious

*adj.* difficult to understand, explain, or identify; having an aura of secrecy, intrigue, or puzzlement

*synonym*: enigmatic, cryptic, puzzling

(1) **mysterious** object, (2) **mysterious** stranger

The **mysterious** disappearance of the ship remains unsolved.

## phenomenon

*n.* something that exists and can be perceptible, especially one that is not fully understood

*synonym*: marvel, wonder, splendor

(1) natural **phenomenon**, (2) historical **phenomenon**

A rainbow is a natural **phenomenon**.

## photoelectric

*adj.* relating to the effects of light on electrically charged particles, particularly in the production of electricity or other forms of energy through the use of photovoltaic cells or photoelectric devices

*synonym*: photoemissive, photovoltaic, photoconductive

(1) **photoelectric** effect, (2) **photoelectric** emission

The **photoelectric** cells on the roof convert sunlight into energy for the building.

## deride

*v.* to ridicule or mock someone or something, often contemptuously or scornfully; to criticize or attack severely

*synonym*: mock, ridicule, scorn

(1) **deride** the loser, (2) **deride** his opinion

She knew he would **deride** her for her unconventional beliefs, but she shared them anyway.

## dual

*adj.* having two parts, aspects, or elements

*synonym*: twofold, binary, double

(1) **dual** purpose, (2) **dual** nationality

This laptop has a **dual-core** processor, making it fast and efficient.

## slate

*n.* a flat piece of rock or stone that is typically used as a roofing or flooring material; a list of candidates for an election arranged in a specific order

*synonym*: chalkboard, blackboard, tablet

(1) **slate** tile, (2) **slate** roof



We need to add more names to the **slate** of candidates for the upcoming election.

## cornerstone

*n.* a fundamental or essential element or component of something; a basis or foundation upon which something is built or developed

*synonym*: foundation, basis, keystone

(1) **cornerstone** of democracy, (2) lay the **cornerstone**  
Effective communication is often considered the **cornerstone** of a successful team.

## quantum

*n.* the smallest amount or unit of something, especially (electromagnetic) energy

(1) probabilistic **quantum** theory, (2) laws of **quantum** mechanics

Big techs are now eager to develop **quantum** computers.

## revolution

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

*synonym*: coup, innovation, rebellion

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

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

## tackle

*v.* to try to deal with a complex problem or situation

*synonym*: deal with, dive into, work on

(1) **tackle** the issue, (2) help **tackle** climate change

The government is determined to **tackle** sharp inflation.

## atom

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

*synonym*: particle, element, fraction

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

The outermost electron shell of an **atom** determines its

chemical characteristics.

## invisible

*adj.* impossible or nearly impossible to see

*synonym* : hidden, imperceptible, unseen

(1) an **invisible** asset, (2) **invisible** stars

The phenomenon is **invisible** at optical wavelengths.

## prominent

*adj.* important, well-known, or noticeable

*synonym* : notable, distinguished, prominent

(1) **prominent** figure, (2) play a **prominent** role

The media frequently interviewed **prominent** scientists.

## fiction

*n.* the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true

*synonym* : fantasy, fable, invention

(1) stuff of science **fiction**, (2) non- **fiction** bestseller

Truth is stranger than **fiction**.

## ingenious

*adj.* showing inventiveness and ability or skill

*synonym* : creative, innovative, inventive

(1) **ingenious** device, (2) **ingenious** idea

I always look forward to reading his stories since they're so **ingenious**.

## argument

*n.* a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute

*synonym* : debate, discourse, discussion

(1) a blazing **argument**, (2) the **argument** against capital punishment

The **argument** between the two sides over the proposed policy was heated.

## random

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

*synonym* : incidental, arbitrary, unanticipated

(1) a **random** choice, (2) bombs fell at **random**  
To find drunk drivers, police conduct **random** tests.

## liquid

*n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas

*synonym* : fluid

(1) colorless **liquid**, (2) hazardous **liquid**

The sponge takes up the **liquid** well.

## precise

*adj.* sharply exact or accurate or delimited

*synonym* : accurate, exact, distinct

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

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

## predict

*v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience

*synonym* : forecast, anticipate, foresee

(1) **predict** the future, (2) **predict** when she will arrive

It's notoriously challenging to **predict** birth rates.

## collision

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

*synonym* : crash, impact, smash

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

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

## experiment

*n.* the scientific test conducted to observe what happens and gain new knowledge

*synonym* : experimentation, investigation

(1) **experiment** design, (2) series of **experiments**

His **experiments** showed highly positive results.

## confirm

*v.* to support or establish the truth or certainty of something previously believed or suspected to be the case

*synonym* : affirm, verify, assure

(1) **confirm** the diagnosis, (2) **confirm** a transaction

Please write to **confirm** your reservation.

## atomic

*adj.* of or relating to atom (= the smallest component of an element)

*synonym* : tiny, microscopic, nuclear

(1) **atomic** nucleus, (2) **atomic** bomb

Carbon has an **atomic** mass of 12.

## skeptic

*n.* a person who doubts or questions the truth of specific claims, beliefs, or doctrines, especially those in religion or the supernatural

*synonym* : doubter, disbeliever, questioner

(1) an ingrained **skeptic**, (2) climate **skeptic**

He was a **skeptic** who doubted the existence of supernatural phenomena.

## inconsistent

*adj.* not remaining constant or in agreement

*synonym* : conflicting, discrepant, contrary

(1) **inconsistent** results, (2) **inconsistent** with the roadmap

This lawsuit appears to be unfair and **inconsistent**.

## fundamental

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

*synonym* : basic, essential, entire

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

Human behavior has **fundamental** characteristics.

## principle

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

*synonym* : rule, creed, code

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

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

## relative

*adj.* considered and evaluated through comparison with something else

*synonym*: comparative, proximate, congeneric

(1) a remote **relative**, (2) **relative** factors

Most countries prohibit sexual activity between certain close **relatives**.

## absolute

*adj.* perfect or complete or to the most considerable degree possible

*synonym*: complete, infrangible, indisputable

(1) **absolute** loyalty, (2) an **absolute** must

Gandhi had an **absolute** zeal for nonviolence.

## define

*v.* to state or explain precisely the nature, scope, or meaning of something

*synonym*: characterize, depict, express

(1) **define** a word, (2) **define** my position

To advance this discussion, we must **define** "success" rigorously.

## electromagnetic

*adj.* of or relating to the magnetism produced by electric charge in motion

(1) **electromagnetic** radiation, (2) **electromagnetic** properties

His hypothesis concerns the role of an **electromagnetic** field in human health.

## assert

*v.* to state something firmly and confidently, often in a way that is intended to convince others that it is true

*synonym*: maintain, state, declare

(1) **assert** a free society, (2) **assert** a claim for unjust enrichment

She **asserted** that she was innocent, despite the evidence against her.

## discrepancy

*n.* a lack of consistency or agreement between two or more facts, figures, or sets of information; a disagreement, inconsistency, or divergence

*synonym*: inconsistency, difference, disparity

(1) significant **discrepancy**, (2) a **discrepancy** in the report  
There is a **discrepancy** between the study's findings and the collected data.

## resolve

*v.* to find a suitable answer to the problems or difficulty  
*synonym*: decide, determine, fix

(1) **resolve** a dispute, (2) **resolve** the computer error  
This company **resolves** its battery problem completely.

## psychic

*adj.* relating to or capable of extrasensory perception or paranormal phenomena; relating to the mind or mental processes

*synonym*: intuitive, clairvoyant, extrasensory

(1) **psychic** intuition, (2) **psychic** reading

She claimed to have **psychic** powers and could predict the future.

## mull

*v.* to think over carefully; to consider or ponder; to mix or stir thoroughly

*synonym*: ponder, contemplate, meditate

(1) **mull** ways to retaliate, (2) **mull** a decision

I need to **mull** over the job offer before making a decision.

## puzzle

*n.* a situation that is difficult to follow or solve; a game, problem, or toy that tests a person's ingenuity or knowledge; (verb) to cause someone to feel confused because of something difficult to understand

*synonym*: plight, maze, (verb) perplex

(1) crossword **puzzle**, (2) mathematical **puzzle**

This jigsaw **puzzle** is challenging because there are no pictures.

## contradiction

*n.* the assertion of the opposite of what has been said; opposition; denial

*synonym*: inconsistency, opposition, contravention

(1) **contradiction** of capitalism, (2) apparent **contradiction**

His statement was filled with **contradictions** that made it difficult to take seriously.

### constant

*adj.* happening repeatedly or all the time

*synonym* : ceaseless, stable, unchanging

(1) a **constant** wind, (2) a **constant** temperature

**Constant** dropping wears away the stone.

### regardless

*adv.* not paying attention or considering something or someone even if the situation is bad or there are difficulties

*synonym* : anyhow, nevertheless, still

(1) **regardless** of the difficulties, (2) **regardless** tread

People can pick out superior products **regardless** of the quality of the advertising.

### refer

*v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support

*synonym* : cite, allude, mention

(1) **refer** to a book, (2) **refer** to a map

Please **refer** to the instruction manual for further assistance.

### frame

*n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window

*synonym* : body, skeleton, scaffolding

(1) a picture **frame**, (2) the **frame** of the policy

The detective looked for fingerprints on the window **frame**.

### observer

*n.* a person who watches or notices someone or something but has no active part in it

*synonym* : spectator, onlooker, watcher

(1) a shrewd **observer**, (2) an **observer** in the region

According to the theory of relativity, time is different for each **observer**.

## pave

v. to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use

*synonym* : surface, coat, cover

(1) **pave** a new path, (2) **pave** a smoother road

They **paved** the courtyard with bricks, giving it a more polished appearance.

## accelerate

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

*synonym* : speed up, quicken, rev

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

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

## imply

v. to indicate the truth or existence of something without referring to it

*synonym* : hint, indicate, denote

(1) **imply** a strong correlation, (2) **imply** the presence of alien

The salespeople speak in technical terms to **imply** that they are more knowledgeable than the customer.

## mass

n. a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

*synonym* : abundance, crowd, mob

(1) a **mass** of molten rock, (2) critical **mass**

The **mass** of people who do not own property is politically impotent.

## apparently

*adv.* based on what you have heard or read

*synonym* : evidently, obviously, supposedly

(1) **apparently** simple, (2) **apparently** unrelated

The police **apparently** believed this explanation was plausible.



## **solid**

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

*synonym* : stable, reliable, hard

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

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

## **supposedly**

*adv.* according to what is generally assumed or believed without actually knowing for sure

*synonym* : seemingly, allegedly, purportedly

(1) **supposedly** identical, (2) neckless **supposedly** made of pure gold

He is **supposedly** nominated for a Nobel Prize.

## **ethereal**

*adj.* delicate, light, and airy; extremely refined or subtle; heavenly or spiritual

*synonym* : airy, delicate, celestial

(1) **ethereal** beauty, (2) **ethereal** light

The **ethereal** music created a dreamlike atmosphere in the concert hall.

## **equivalent**

*n.* having the same value, quality, meaning, purpose, etc.

*synonym* : equal, counterpart, match

(1) **equivalent** amounts, (2) **equivalent** in meaning

The European Central Bank is Europe's **equivalent** of the Federal Reserve.

## **relation**

*n.* the way two persons or groups of people feel and act toward one another

*synonym* : association, linkage, connection

(1) **relation** between cause and effect, (2) **relation** of inclusion

The industrial **relations** laws were passed with little to no alteration.

## **consequent**

*adj.* resulting or following as a result of something else;

(noun) something that is logical or naturally follows from something else

*synonym* : resulting, following, logical

(1) **consequent** increase, (2) the fallacy of affirming the **consequent**

The increase in demand for the product led to a **consequent** rise in its price.

## equation

*n.* the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by connecting them with the equals sign

(1) the **equation** of poverty with ignorance, (2) a chemical **equation**

In this class, you will learn how to solve quadratic **equations**.

## icon

*n.* a picture or statue of a holy person considered to be a sacred thing; a little icon on the screen of a computer or smartphone that denotes an application or a file

*synonym*: figure, hero, idol

(1) **icon** for young people, (2) television **icon**

Some comic book characters are considered gay **icons**.

## starlight

*n.* the light emitted or reflected by stars, often observed in the night sky; the radiant energy emitted by stars

*synonym*: twinkle, starshine, stardust

(1) **starlight** sky, (2) romantic **starlight**

The romantic couple had a picnic under the **starlight**.

## eclipse

*n.* an obscuring of one celestial body by another, often used to describe a lunar or solar eclipse; a period of obscurity or decline, often used to describe a decline in popularity or influence; (verb) to surpass, overshadow, or outshine someone or something

*synonym*: overshadow, blackout, decadence

(1) partial **eclipse**, (2) **eclipse** a competitor

People across the country gathered to watch the solar **eclipse** in wonder and amazement.

## celebrity

*n.* someone who is well-known, particularly in the entertainment industry

*synonym* : figure, star, VIP

(1) baseball **celebrity**, (2) **celebrity** known worldwide

The popularity of the show made her an instant **celebrity**.

## disappear

*v.* to cease to exist or be visible

*synonym* : fade, evaporate, vanish

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

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

## accomplished

*adj.* having completed a task or achieved a goal successfully; skilled or proficient at something

*synonym* : achieved, finished, completed

(1) **accomplished** at a very early age, (2) **accomplished** goal

She felt **accomplished** after finishing her book.

## miracle

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

*synonym* : wonder, marvel, phenomenon

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

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

## startling

*adj.* extremely surprising, astonishing, and sometimes worrying

*synonym* : alarming, astonishing, shocking

(1) **startling** earthquake shocks, (2) **startling** discovery

He describes the story with **startling** reality.

## unexpected

*adj.* not anticipated or regarded as likely to happen

*synonym* : surprising, unanticipated, incredible

(1) an **unexpected** visitor, (2) some **unexpected** events

The **unexpected** rainstorm caused the collapse of the corral.

## genius

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

*synonym* : brilliance, brainiac, acumen

(1) a person of **genius**, (2) a **genius** for music  
Mozart was a musical **genius**.

## Session 2: Spelling

1. sl\_\_e tile *n.* a flat piece of rock or stone that is typically used as a roofing or flooring material; a list of candidates for an election arranged in a specific order
2. sh\_\_\_\_\_ng revelation *adj.* extremely or surprisingly bad, or causing a strong emotional response such as surprise or disgust
3. co\_\_\_\_\_m the diagnosis *v.* to support or establish the truth or certainty of something previously believed or suspected to be the case
4. re\_\_r to a map *v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support
5. con\_\_\_\_\_te a large sum of money to the fund *v.* to give something, especially money or goods, to provide or achieve something together with other people
6. in\_\_\_\_\_us idea *adj.* showing inventiveness and ability or skill
7. 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
8. a dis\_\_\_\_\_cy in the report *n.* a lack of consistency or agreement between two or more facts, figures, or sets of information; a disagreement, inconsistency, or divergence

ANSWERS: 1. slate, 2. shocking, 3. confirm, 4. refer, 5. contribute, 6. ingenious, 7. universe, 8. discrepancy

9. p\_\_e a smoother road      *v.* to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use
10. beginning of the industrial rev\_\_\_\_\_on      *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
11. p\_\_e a new path      *v.* to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use
12. app\_\_\_\_\_ly simple      *adv.* based on what you have heard or read
13. significant dis\_\_\_\_\_cy      *n.* a lack of consistency or agreement between two or more facts, figures, or sets of information; a disagreement, inconsistency, or divergence
14. ps\_\_\_\_\_c reading      *adj.* relating to or capable of extrasensory perception or paranormal phenomena; relating to the mind or mental processes
15. critical m\_\_s      *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
16. stuff of science fi\_\_\_\_\_n      *n.* the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true
17. et\_\_\_\_\_al beauty      *adj.* delicate, light, and airy; extremely refined or subtle; heavenly or spiritual

ANSWERS: 9. pave, 10. revolution, 11. pave, 12. apparently, 13. discrepancy, 14. psychic, 15. mass, 16. fiction, 17. ethereal

18. di\_\_\_\_\_s solutions *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
19. a good grounding in mat\_\_\_\_\_cs *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
20. m\_\_l a decision *v.* to think over carefully; to consider or ponder; to mix or stir thoroughly
21. reg\_\_\_\_\_ss of the difficulties *adv.* not paying attention or considering something or someone even if the situation is bad or there are difficulties
22. a co\_\_\_\_\_nt wind *adj.* happening repeatedly or all the time
23. de\_\_\_e my position *v.* to state or explain precisely the nature, scope, or meaning of something
24. pr\_\_\_\_\_le of treatment *n.* a fundamental law or truth that explains or controls how something happens or works
25. inc\_\_\_\_\_ent with the roadmap *adj.* not remaining constant or in agreement
26. the in\_\_\_t of a question *n.* a strong determination or attention to do or achieve something; (adjective) having a strong determination to do or achieve something
27. hazardous li\_\_\_d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
28. sc\_\_f at a rumor *v.* to laugh and talk about a person or idea in a way that makes it clear that you think they are stupid or silly

ANSWERS: 18. discuss, 19. mathematics, 20. mull, 21. regardless, 22. constant, 23. define, 24. principle, 25. inconsistent, 26. intent, 27. liquid, 28. scoff

29. di\_\_\_\_\_a thesis *n.* a document showing the completion of a course of study or a portion of the education program; a course of study at a college or university
30. as\_\_\_\_\_nt professor *n.* someone who helps or supports someone else to do a job
31. ne\_\_\_\_\_t to call *v.* to not give enough care or attention to something; to leave something undone
32. bombs fell at ra\_\_\_m *adj.* made, done, or happening without method, conscious decision, or any regular pattern
33. mys\_\_\_\_\_us stranger *adj.* difficult to understand, explain, or identify; having an aura of secrecy, intrigue, or puzzlement
34. pho\_\_\_\_\_ric effect *adj.* relating to the effects of light on electrically charged particles, particularly in the production of electricity or other forms of energy through the use of photovoltaic cells or photoelectric devices
35. a ra\_\_\_m choice *adj.* made, done, or happening without method, conscious decision, or any regular pattern
36. romantic st\_\_\_\_\_ht *n.* the light emitted or reflected by stars, often observed in the night sky; the radiant energy emitted by stars
37. agree to su\_\_\_t the bill *v.* to give or offer a document, proposal, etc. to a decision-maker for examination or consideration

ANSWERS: 29. diploma, 30. assistant, 31. neglect, 32. random, 33. mysterious, 34. photoelectric, 35. random, 36. starlight, 37. submit



38. se\_\_\_e a dispute *v.* to reach an agreement of disagreement
39. baseball ce\_\_\_\_\_ty *n.* someone who is well-known, particularly in the entertainment industry
40. de\_\_\_e his opinion *v.* to ridicule or mock someone or something, often contemptuously or scornfully; to criticize or attack severely
41. mys\_\_\_\_\_us object *adj.* difficult to understand, explain, or identify; having an aura of secrecy, intrigue, or puzzlement
42. ext\_\_\_\_\_ary ability *adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual
43. a chemical eq\_\_\_\_\_on *n.* the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by connecting them with the equals sign
44. mathematical pu\_\_\_e *n.* a situation that is difficult to follow or solve; a game, problem, or toy that tests a person's ingenuity or knowledge; (verb) to cause someone to feel confused because of something difficult to understand
45. economic mi\_\_\_\_\_e *n.* an act or occurrence that is not explicable by natural or scientific laws and is therefore believed to be caused by God
46. equ\_\_\_\_\_nt in meaning *n.* having the same value, quality, meaning, purpose, etc.
47. an ingrained sk\_\_\_\_\_c *n.* a person who doubts or questions the truth of specific claims, beliefs, or doctrines, especially those in religion or the supernatural

ANSWERS: 38. settle, 39. celebrity, 40. deride, 41. mysterious, 42. extraordinary, 43. equation, 44. puzzle, 45. miracle, 46. equivalent, 47. skeptic

48. play a pr\_\_\_\_\_nt role *adj.* important, well-known, or noticeable
49. climate sk\_\_\_\_\_c *n.* a person who doubts or questions the truth of specific claims, beliefs, or doctrines, especially those in religion or the supernatural
50. an une\_\_\_\_\_ed visitor *adj.* not anticipated or regarded as likely to happen
51. pr\_\_\_\_\_e changes *v.* to make a proposal, declare a plan for something
52. television i\_\_n *n.* a picture or statue of a holy person considered to be a sacred thing; a little icon on the screen of a computer or smartphone that denotes an application or a file
53. an in\_\_\_\_\_le asset *adj.* impossible or nearly impossible to see
54. pr\_\_\_\_\_t when she will arrive *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
55. sup\_\_\_\_\_ly identical *adv.* according to what is generally assumed or believed without actually knowing for sure
56. d\_\_l purpose *adj.* having two parts, aspects, or elements
57. mat\_\_\_\_\_cs competition *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
58. 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

ANSWERS: 48. prominent, 49. skeptic, 50. unexpected, 51. propose, 52. icon, 53. invisible, 54. predict, 55. supposedly, 56. dual, 57. mathematics, 58. universe

59. acc\_\_\_\_\_hed goal *adj.* having completed a task or achieved a goal successfully; skilled or proficient at something
60. a political rev\_\_\_\_\_on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
61. natural phe\_\_\_\_\_on *n.* something that exists and can be perceptible, especially one that is not fully understood
62. sh\_\_\_\_\_ng response *adj.* extremely or surprisingly bad, or causing a strong emotional response such as surprise or disgust
63. pa\_\_\_\_t application *n.* a legal document that grants an inventor exclusive rights to their invention for a certain period of time; the invention or process for which a patent has been granted
64. as\_\_\_\_t a claim for unjust enrichment *v.* to state something firmly and confidently, often in a way that is intended to convince others that it is true
65. ele\_\_\_\_\_tic radiation *adj.* of or relating to the magnetism produced by electric charge in motion
66. the to\_\_c of the book *n.* a subject that is being discussed or written about
67. charged pa\_\_\_\_\_le *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
68. help ta\_\_\_\_e climate change *v.* to try to deal with a complex problem or situation

ANSWERS: 59. accomplished, 60. revolution, 61. phenomenon, 62. shocking, 63. patent, 64. assert, 65. electromagnetic, 66. topic, 67. particle, 68. tackle

69. pol\_\_\_\_\_ic institute *n.* a school or institution that offers instruction in a wide range of technical or professional subjects, often including both theoretical and practical components
70. exp\_\_\_\_\_nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
71. acc\_\_\_\_\_hed at a very early age *adj.* having completed a task or achieved a goal successfully; skilled or proficient at something
72. di\_\_\_\_\_s options *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
73. a picture fr\_\_e *n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
74. apparent con\_\_\_\_\_ion *n.* the assertion of the opposite of what has been said; opposition; denial
75. some une\_\_\_\_\_ed events *adj.* not anticipated or regarded as likely to happen
76. im\_\_y the presence of alien *v.* to indicate the truth or existence of something without referring to it
77. de\_\_\_e the loser *v.* to ridicule or mock someone or something, often contemptuously or scornfully; to criticize or attack severely
78. se\_\_\_\_\_t of God *n.* a person who performs duties for others, especially a person employed in a house on domestic duties or as a personal attendant

ANSWERS: 69. polytechnic, 70. experiment, 71. accomplished, 72. discuss, 73. frame, 74. contradiction, 75. unexpected, 76. imply, 77. deride, 78. servant

79. ext\_\_\_\_\_ary weather *adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual
80. at\_\_\_c bomb *adj.* of or relating to atom (= the smallest component of an element)
81. theoretical ph\_\_\_\_\_st *n.* a scientist who specializes in the field of physics
82. pr\_\_\_\_\_e analyses *adj.* sharply exact or accurate or delimited
83. di\_\_\_\_\_ar without a trace *v.* to cease to exist or be visible
84. neutral hydrogen a\_\_ms *n.* the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus
85. re\_\_r to a book *v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support
86. con\_\_\_\_\_ion of capitalism *n.* the assertion of the opposite of what has been said; opposition; denial
87. ps\_\_\_\_\_c intuition *adj.* relating to or capable of extrasensory perception or paranormal phenomena; relating to the mind or mental processes
88. crossword pu\_\_\_e *n.* a situation that is difficult to follow or solve; a game, problem, or toy that tests a person's ingenuity or knowledge; (verb) to cause someone to feel confused because of something difficult to understand
89. talented ph\_\_\_\_\_st *n.* a scientist who specializes in the field of physics

ANSWERS: 79. extraordinary, 80. atomic, 81. physicist, 82. precise, 83. disappear, 84. atom, 85. refer, 86. contradiction, 87. psychic, 88. puzzle, 89. physicist

90. pr\_\_\_\_\_nt figure *adj.* important, well-known, or noticeable
91. a remote re\_\_\_\_\_ve *adj.* considered and evaluated through comparison with something else
92. acc\_\_\_\_\_te a chemical reaction *v.* to make something faster or earlier; to cause to develop or progress more quickly
93. ec\_\_\_\_\_e a competitor *n.* an obscuring of one celestial body by another, often used to describe a lunar or solar eclipse; a period of obscurity or decline, often used to describe a decline in popularity or influence; (verb) to surpass, overshadow, or outshine someone or something
94. a person of ge\_\_\_\_s *n.* someone who has exceptional intellectual ability and originality
95. in\_\_\_\_\_us device *adj.* showing inventiveness and ability or skill
96. de\_\_\_\_\_e us to meet again *v.* to determine or set the course of something in advance, often in a way that seems predetermined or inevitable; to specify or choose someone or something for a particular fate or outcome
97. co\_\_\_\_\_on detection *n.* an instance of two or more objects or entities crashing into each other, usually resulting in damage, impact, or conflict
98. ne\_\_\_\_\_t ethical issues *v.* to not give enough care or attention to something; to leave something undone
99. historical phe\_\_\_\_\_on *n.* something that exists and can be perceptible, especially one that is not fully understood

ANSWERS: 90. prominent, 91. relative, 92. accelerate, 93. eclipse, 94. genius, 95. ingenious, 96. destine, 97. collision, 98. neglect, 99. phenomenon

100. ob\_\_\_n a license *v.* to get something, especially by making a great effort
101. d\_\_l nationality *adj.* having two parts, aspects, or elements
102. ab\_\_\_\_\_te loyalty *adj.* perfect or complete or to the most considerable degree possible
103. soo\_\_\_\_\_be parents *adj.* used to describe someone or something that will soon become something else or will soon be in a different state or position
104. so\_\_d ally *adj.* hard or firm; characterized by good substantial quality
105. st\_\_\_\_\_ng discovery *adj.* extremely surprising, astonishing, and sometimes worrying
106. tr\_\_\_\_\_rm heat into power *v.* to change in outward structure or looks;
107. mi\_\_\_\_\_e person *n.* an act or occurrence that is not explicable by natural or scientific laws and is therefore believed to be caused by God
108. come into co\_\_\_\_\_on with my friend *n.* an instance of two or more objects or entities crashing into each other, usually resulting in damage, impact, or conflict
109. lay the cor\_\_\_\_\_ne *n.* a fundamental or essential element or component of something; a basis or foundation upon which something is built or developed
110. de\_\_\_l an argument *v.* to cause a train or tram to run off the tracks accidentally; to run off or leave the rails accidentally

ANSWERS: 100. obtain, 101. dual, 102. absolute, 103. soon-to-be, 104. solid, 105. startling, 106. transform, 107. miracle, 108. collision, 109. cornerstone, 110. derail

111. as\_\_\_t a free society *v.* to state something firmly and confidently, often in a way that is intended to convince others that it is true
112. app\_\_\_\_\_ly unrelated *adv.* based on what you have heard or read
113. the fallacy of affirming the con\_\_\_\_\_nt *adj.* resulting or following as a result of something else; (noun) something that is logical or naturally follows from something else
114. de\_\_\_\_\_ce to authority *n.* respectful or polite submission or yielding to the judgment, opinion, or wishes of another person or group; a show of respect or honor
115. cl\_\_k job *n.* a person who works in an office and is responsible for keeping records, writing letters, etc.; a person who works in a store and is responsible for serving customers
116. probabilistic qu\_\_\_\_\_m theory *n.* the smallest amount or unit of something, especially (electromagnetic) energy
117. an unwilling as\_\_\_\_\_nt *n.* someone who helps or supports someone else to do a job
118. pr\_\_\_\_\_le in business *n.* a fundamental law or truth that explains or controls how something happens or works
119. ca\_\_\_\_\_us equations *n.* a branch of mathematics that deals with rates of change and limits; the accumulation of hard mineral deposits that can form in organs or ducts in the body, such as kidney stones or gallstones

ANSWERS: 111. assert, 112. apparently, 113. consequent, 114. deference, 115. clerk, 116. quantum, 117. assistant, 118. principle, 119. calculus



120. pay de\_\_\_\_\_ce *n.* respectful or polite submission or yielding to the judgment, opinion, or wishes of another person or group; a show of respect or honor
121. sl\_\_e roof *n.* a flat piece of rock or stone that is typically used as a roofing or flooring material; a list of candidates for an election arranged in a specific order
122. ac\_\_\_\_\_ic probation *adj.* associated with schools, colleges, and universities, especially studying and thinking, not with practical skills
123. inc\_\_\_\_\_ent results *adj.* not remaining constant or in agreement
124. a serious to\_\_c *n.* a subject that is being discussed or written about
125. ele\_\_\_\_\_tic properties *adj.* of or relating to the magnetism produced by electric charge in motion
126. sc\_\_f at the idea *v.* to laugh and talk about a person or idea in a way that makes it clear that you think they are stupid or silly
127. the fr\_\_e of the policy *n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
128. de\_\_\_e a word *v.* to state or explain precisely the nature, scope, or meaning of something
129. university di\_\_\_\_\_a *n.* a document showing the completion of a course of study or a portion of the education program; a course of study at a college or university

ANSWERS: 120. deference, 121. slate, 122. academic, 123. inconsistent, 124. topic, 125. electromagnetic, 126. scoff, 127. frame, 128. define, 129. diploma

130. pr\_\_\_\_\_t the future      *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
131. colorless li\_\_\_\_d      *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
132. pr\_\_\_\_\_e the amendment      *v.* to make a proposal, declare a plan for something
133. s\_\_p breakfast      *v.* to move along lightly and quickly, making a step from one foot to the other with a hop or bounce; to intentionally fail to do something which would normally do
134. reg\_\_\_\_\_ss tread      *adv.* not paying attention or considering something or someone even if the situation is bad or there are difficulties
135. cor\_\_\_\_\_ne of democracy      *n.* a fundamental or essential element or component of something; a basis or foundation upon which something is built or developed
136. pa\_\_\_\_\_le energy      *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
137. cl\_\_k position      *n.* a person who works in an office and is responsible for keeping records, writing letters, etc.; a person who works in a store and is responsible for serving customers
138. fun\_\_\_\_\_al rights      *adj.* forming an essential base or core from which everything else develops or is affected

ANSWERS: 130. predict, 131. liquid, 132. propose, 133. skip, 134. regardless, 135. cornerstone, 136. particle, 137. clerk, 138. fundamental

139. re\_\_\_\_\_on of inclusion *n.* the way two persons or groups of people feel and act toward one another
140. re\_\_\_\_\_e a dispute *v.* to find a suitable answer to the problems or difficulty
141. the m\_\_h of an old religion *n.* an ancient story or set of stories accepted as history, especially explaining the worldview of a people
142. in\_\_\_\_t gaze *n.* a strong determination or attention to do or achieve something; (adjective) having a strong determination to do or achieve something
143. medical l\_b *n.* a workplace for the conduct of scientific research; a laboratory
144. the eq\_\_\_\_\_on of poverty with ignorance *n.* the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by connecting them with the equals sign
145. ce\_\_\_\_\_ty known worldwide *n.* someone who is well-known, particularly in the entertainment industry
146. estimate pr\_\_\_\_\_e costs *adj.* sharply exact or accurate or delimited
147. a ge\_\_\_\_s for music *n.* someone who has exceptional intellectual ability and originality
148. ob\_\_\_\_n a bid *v.* to get something, especially by making a great effort
149. de\_\_\_\_l the recovery *v.* to cause a train or tram to run off the tracks accidentally; to run off or leave the rails accidentally

ANSWERS: 139. relation, 140. resolve, 141. myth, 142. intent, 143. lab, 144. equation, 145. celebrity, 146. precise, 147. genius, 148. obtain, 149. derail

150. pho\_\_\_\_\_ric emission *adj.* relating to the effects of light on electrically charged particles, particularly in the production of electricity or other forms of energy through the use of photovoltaic cells or photoelectric devices
151. ca\_\_\_\_\_us disease *n.* a branch of mathematics that deals with rates of change and limits; the accumulation of hard mineral deposits that can form in organs or ducts in the body, such as kidney stones or gallstones
152. tr\_\_\_\_\_m an education system *v.* to change in outward structure or looks;
153. nuclear ph\_\_\_\_\_s *n.* the science of matter and energy and their interactions
154. a m\_\_s of molten rock *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
155. crack of d\_\_n *n.* the time of day when the sun's light starts to show in the sky
156. an ac\_\_\_\_\_ic discussion *adj.* associated with schools, colleges, and universities, especially studying and thinking, not with practical skills
157. pa\_\_\_t law *n.* a legal document that grants an inventor exclusive rights to their invention for a certain period of time; the invention or process for which a patent has been granted

ANSWERS: 150. photoelectric, 151. calculus, 152. transform, 153. physics, 154. mass, 155. dawn, 156. academic, 157. patent

158. st\_\_\_\_\_ng earthquake shocks *adj.* extremely surprising, astonishing, and sometimes worrying
159. at\_\_\_c nucleus *adj.* of or relating to atom (= the smallest component of an element)
160. con\_\_\_\_\_nt increase *adj.* resulting or following as a result of something else; (noun) something that is logical or naturally follows from something else
161. re\_\_\_\_\_e the computer error *v.* to find a suitable answer to the problems or difficulty
162. fun\_\_\_\_\_al education *adj.* forming an essential base or core from which everything else develops or is affected
163. ta\_\_\_e the issue *v.* to try to deal with a complex problem or situation
164. a bold hyp\_\_\_\_\_is *n.* a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate
165. oxygen a\_\_m *n.* the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus
166. con\_\_\_\_\_te to society *v.* to give something, especially money or goods, to provide or achieve something together with other people
167. the ar\_\_\_\_\_nt against capital punishment *n.* a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute

ANSWERS: 158. startling, 159. atomic, 160. consequent, 161. resolve, 162. fundamental, 163. tackle, 164. hypothesis, 165. atom, 166. contribute, 167. argument

168. fellow se\_\_\_\_\_t *n.* a person who performs duties for others, especially a person employed in a house on domestic duties or as a personal attendant
169. pol\_\_\_\_\_ic education *n.* a school or institution that offers instruction in a wide range of technical or professional subjects, often including both theoretical and practical components
170. laws of qu\_\_\_\_\_m mechanics *n.* the smallest amount or unit of something, especially (electromagnetic) energy
171. be de\_\_\_\_\_ed to become a great artist *v.* to determine or set the course of something in advance, often in a way that seems predetermined or inevitable; to specify or choose someone or something for a particular fate or outcome
172. partial ec\_\_\_\_\_e *n.* an obscuring of one celestial body by another, often used to describe a lunar or solar eclipse; a period of obscurity or decline, often used to describe a decline in popularity or influence; (verb) to surpass, overshadow, or outshine someone or something
173. a co\_\_\_\_\_nt temperature *adj.* happening repeatedly or all the time
174. se\_\_\_\_\_e down in the town *v.* to reach an agreement of disagreement
175. soo\_\_\_\_\_be graduates *adj.* used to describe someone or something that will soon become something else or will soon be in a different state or position

ANSWERS: 168. servant, 169. polytechnic, 170. quantum, 171. destine, 172. eclipse, 173. constant, 174. settle, 175. soon-to-be

176. neckless sup\_\_\_\_\_ly made of pure gold  
*adv.* according to what is generally assumed or believed without actually knowing for sure
177. in\_\_\_\_\_le stars  
*adj.* impossible or nearly impossible to see
178. acc\_\_\_\_\_te the car  
*v.* to make something faster or earlier; to cause to develop or progress more quickly
179. perpetuate a m\_\_h  
*n.* an ancient story or set of stories accepted as history, especially explaining the worldview of a people
180. im\_\_y a strong correlation  
*v.* to indicate the truth or existence of something without referring to it
181. di\_\_\_\_\_ar after a week  
*v.* to cease to exist or be visible
182. so\_\_d employment measures  
*adj.* hard or firm; characterized by good substantial quality
183. m\_\_l ways to retaliate  
*v.* to think over carefully; to consider or ponder; to mix or stir thoroughly
184. an ab\_\_\_\_\_te must  
*adj.* perfect or complete or to the most considerable degree possible
185. l\_b instrument  
*n.* a workplace for the conduct of scientific research; a laboratory
186. a blazing ar\_\_\_\_\_nt  
*n.* a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute
187. co\_\_\_\_\_m a transaction  
*v.* to support or establish the truth or certainty of something previously believed or suspected to be the case

ANSWERS: 176. supposedly, 177. invisible, 178. accelerate, 179. myth, 180. imply, 181. disappear, 182. solid, 183. mull, 184. absolute, 185. lab, 186. argument, 187. confirm

188. st\_\_\_\_\_ht sky *n.* the light emitted or reflected by stars, often observed in the night sky; the radiant energy emitted by stars
189. re\_\_\_\_\_ve factors *adj.* considered and evaluated through comparison with something else
190. su\_\_\_\_t an application *v.* to give or offer a document, proposal, etc. to a decision-maker for examination or consideration
191. test my hyp\_\_\_\_\_is *n.* a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate
192. non-fi\_\_\_\_\_n bestseller *n.* the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true
193. s\_\_p across the country *v.* to move along lightly and quickly, making a step from one foot to the other with a hop or bounce; to intentionally fail to do something which would normally do
194. i\_\_n for young people *n.* a picture or statue of a holy person considered to be a sacred thing; a little icon on the screen of a computer or smartphone that denotes an application or a file
195. et\_\_\_\_\_al light *adj.* delicate, light, and airy; extremely refined or subtle; heavenly or spiritual
196. equ\_\_\_\_\_nt amounts *n.* having the same value, quality, meaning, purpose, etc.

ANSWERS: 188. starlight, 189. relative, 190. submit, 191. hypothesis, 192. fiction, 193. skip, 194. icon, 195. ethereal, 196. equivalent



197. an ob\_\_\_\_er in the region *n.* a person who watches or notices someone or something but has no active part in it
198. re\_\_\_\_on between cause and effect *n.* the way two persons or groups of people feel and act toward one another
199. the wan light of d\_\_n *n.* the time of day when the sun's light starts to show in the sky
200. a shrewd ob\_\_\_\_er *n.* a person who watches or notices someone or something but has no active part in it
201. series of exp\_\_\_\_nts *n.* the scientific test conducted to observe what happens and gain new knowledge
202. laws of ph\_\_\_\_s *n.* the science of matter and energy and their interactions

ANSWERS: 197. observer, 198. relation, 199. dawn, 200. observer, 201. experiment, 202. physics

## Session 3: Fill in the Blanks

1. He studied the \_\_\_\_\_ of radiation.  
*n.* the science of matter and energy and their interactions
2. The \_\_\_\_\_ by the citizen resulted in a redistribution of wealth.  
*n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
3. The faithful \_\_\_\_\_ had been working for the family for many years and was well-trusted.  
*n.* a person who performs duties for others, especially a person employed in a house on domestic duties or as a personal attendant
4. The designer's \_\_\_\_\_ was to create a minimalist aesthetic for the interior of the building.  
*n.* a strong determination or attention to do or achieve something; (adjective) having a strong determination to do or achieve something
5. Most countries prohibit sexual activity between certain close \_\_\_\_\_.  
*adj.* considered and evaluated through comparison with something else
6. My brother studies at a \_\_\_\_\_ university, which offers courses in various technical fields.  
*n.* a school or institution that offers instruction in a wide range of technical or professional subjects, often including both theoretical and practical components
7. The \_\_\_\_\_ at the store helped me find what I needed.  
*n.* a person who works in an office and is responsible for keeping records, writing letters, etc.; a person who works in a store and is responsible for serving customers

ANSWERS: 1. physics, 2. revolution, 3. servant, 4. intent, 5. relatives, 6. polytechnic, 7. clerk

8. We need to \_\_\_\_\_ the next steps for the project during our meeting tomorrow.
- v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
9. Please write to \_\_\_\_\_ your reservation.
- v.* to support or establish the truth or certainty of something previously believed or suspected to be the case
10. The media frequently interviewed \_\_\_\_\_ scientists.
- adj.* important, well-known, or noticeable
11. This evidence supports the big-bang \_\_\_\_\_.
- n.* a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate
12. The detective looked for fingerprints on the window \_\_\_\_\_.
- n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
13. Missile assaults on the capital continued around \_\_\_\_\_.
- n.* the time of day when the sun's light starts to show in the sky
14. People across the country gathered to watch the solar \_\_\_\_\_ in wonder and amazement.
- n.* an obscuring of one celestial body by another, often used to describe a lunar or solar eclipse; a period of obscurity or decline, often used to describe a decline in popularity or influence; (verb) to surpass, overshadow, or outshine someone or something
15. The \_\_\_\_\_ of people who do not own property is politically impotent.
- n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

ANSWERS: 8. discuss, 9. confirm, 10. prominent, 11. hypothesis, 12. frame, 13. dawn, 14. eclipse, 15. mass

16. The increase in demand for the product led to a \_\_\_\_\_ rise in its price.  
*adj.* resulting or following as a result of something else; (noun) something that is logical or naturally follows from something else
17. The student showed \_\_\_\_\_ to their teacher by always being respectful in class.  
*n.* respectful or polite submission or yielding to the judgment, opinion, or wishes of another person or group; a show of respect or honor
18. In this class, you will learn how to solve quadratic \_\_\_\_\_.  
*n.* the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by connecting them with the equals sign
19. The European Central Bank is Europe's \_\_\_\_\_ of the Federal Reserve.  
*n.* having the same value, quality, meaning, purpose, etc.
20. This lawsuit appears to be unfair and \_\_\_\_\_.  
*adj.* not remaining constant or in agreement
21. The government tried to \_\_\_\_\_ the commercialization of this development.  
*v.* to make something faster or earlier; to cause to develop or progress more quickly
22. The \_\_\_\_\_ between the two sides over the proposed policy was heated.  
*n.* a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute
23. This company \_\_\_\_\_ its battery problem completely.  
*v.* to find a suitable answer to the problems or difficulty

ANSWERS: 16. consequent, 17. deference, 18. equations, 19. equivalent, 20. inconsistent, 21. accelerate, 22. argument, 23. resolves

24. She \_\_\_\_\_ that she was innocent, despite the evidence against her.
- v.* to state something firmly and confidently, often in a way that is intended to convince others that it is true
25. His statement was filled with \_\_\_\_\_ that made it difficult to take seriously.
- n.* the assertion of the opposite of what has been said; opposition; denial
26. To find drunk drivers, police conduct \_\_\_\_\_ tests.
- adj.* made, done, or happening without method, conscious decision, or any regular pattern
27. The \_\_\_\_\_ of tectonic plates can result in new mountain ranges, such as the Himalayas or the Alps.
- n.* an instance of two or more objects or entities crashing into each other, usually resulting in damage, impact, or conflict
28. His \_\_\_\_\_ showed highly positive results.
- n.* the scientific test conducted to observe what happens and gain new knowledge
29. The popularity of the show made her an instant \_\_\_\_\_.
- n.* someone who is well-known, particularly in the entertainment industry
30. My father's death \_\_\_\_\_ my life completely.
- v.* to change in outward structure or looks;
31. \_\_\_\_\_ dropping wears away the stone.
- adj.* happening repeatedly or all the time

ANSWERS: 24. asserted, 25. contradictions, 26. random, 27. collision, 28. experiments, 29. celebrity, 30. transformed, 31. Constant

32. This laptop has a \_\_\_\_\_ processor, making it fast and efficient.  
*adj.* having two parts, aspects, or elements
33. I needed help understanding the advanced \_\_\_\_\_ course material.  
*n.* a branch of mathematics that deals with rates of change and limits; the accumulation of hard mineral deposits that can form in organs or ducts in the body, such as kidney stones or gallstones
34. They \_\_\_\_\_ the courtyard with bricks, giving it a more polished appearance.  
*v.* to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use
35. He has a flair for \_\_\_\_\_.  
*n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
36. The \_\_\_\_\_ of the discussion was the current state of the economy.  
*n.* a subject that is being discussed or written about
37. The government is determined to \_\_\_\_\_ sharp inflation.  
*v.* to try to deal with a complex problem or situation
38. The phenomenon is \_\_\_\_\_ at optical wavelengths.  
*adj.* impossible or nearly impossible to see
39. An executive \_\_\_\_\_ director administers each branch.  
*n.* someone who helps or supports someone else to do a job
40. The \_\_\_\_\_ bride was busy planning all the details of her upcoming wedding.  
*adj.* used to describe someone or something that will soon become something else or will soon be in a different state or position

ANSWERS: 32. dual-core, 33. calculus, 34. paved, 35. mathematics, 36. topic, 37. tackle, 38. invisible, 39. assistant, 40. soon-to-be

41. Government workers cannot \_\_\_\_\_ to political campaigns.
- v. to give something, especially money or goods, to provide or achieve something together with other people
42. The news of the accident was \_\_\_\_\_ and left many in shock.
- adj. extremely or surprisingly bad, or causing a strong emotional response such as surprise or disgust
43. The \_\_\_\_\_ cells on the roof convert sunlight into energy for the building.
- adj. relating to the effects of light on electrically charged particles, particularly in the production of electricity or other forms of energy through the use of photovoltaic cells or photoelectric devices
44. Some comic book characters are considered gay \_\_\_\_\_.
- n. a picture or statue of a holy person considered to be a sacred thing; a little icon on the screen of a computer or smartphone that denotes an application or a file
45. Human behavior has \_\_\_\_\_ characteristics.
- adj. forming an essential base or core from which everything else develops or is affected
46. He \_\_\_\_\_ his health to make the project a success.
- v. to not give enough care or attention to something; to leave something undone
47. Some people believe that we are all \_\_\_\_\_ for greatness.
- v. to determine or set the course of something in advance, often in a way that seems predetermined or inevitable; to specify or choose someone or something for a particular fate or outcome

ANSWERS: 41. contribute, 42. shocking, 43. photoelectric, 44. icons, 45. fundamental, 46. neglected, 47. destined

48. It's notoriously challenging to \_\_\_\_\_ birth rates.
- v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
49. There is a \_\_\_\_\_ between the study's findings and the collected data.
- n.* a lack of consistency or agreement between two or more facts, figures, or sets of information; a disagreement, inconsistency, or divergence
50. Einstein was an outstanding and famous \_\_\_\_\_ of the 20th century.
- n.* a scientist who specializes in the field of physics
51. The \_\_\_\_\_ disappearance of the ship remains unsolved.
- adj.* difficult to understand, explain, or identify; having an aura of secrecy, intrigue, or puzzlement
52. Mozart was a musical \_\_\_\_\_.
- n.* someone who has exceptional intellectual ability and originality
53. The police \_\_\_\_\_ believed this explanation was plausible.
- adv.* based on what you have heard or read
54. The doctors said that her recovery was a \_\_\_\_\_.
- n.* an act or occurrence that is not explicable by natural or scientific laws and is therefore believed to be caused by God
55. Please \_\_\_\_\_ to the instruction manual for further assistance.
- v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support

ANSWERS: 48. predict, 49. discrepancy, 50. physicist, 51. mysterious, 52. genius, 53. apparently, 54. miracle, 55. refer



56. Carbon has an \_\_\_\_\_ mass of 12.

*adj.* of or relating to atom (= the smallest component of an element)

57. The Prime Minister will pay a courtesy visit to the Nobel laureate's \_\_\_\_\_.

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

58. He is \_\_\_\_\_ nominated for a Nobel Prize.

*adv.* according to what is generally assumed or believed without actually knowing for sure

59. His hypothesis concerns the role of an \_\_\_\_\_ field in human health.

*adj.* of or relating to the magnetism produced by electric charge in motion

60. An excellent historian must possess an \_\_\_\_\_ mentality.

*adj.* associated with schools, colleges, and universities, especially studying and thinking, not with practical skills

61. Gandhi had an \_\_\_\_\_ zeal for nonviolence.

*adj.* perfect or complete or to the most considerable degree possible

62. He describes the story with \_\_\_\_\_ reality.

*adj.* extremely surprising, astonishing, and sometimes worrying

63. Truth is stranger than \_\_\_\_\_.

*n.* the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true

64. I need to \_\_\_\_\_ over the job offer before making a decision.

*v.* to think over carefully; to consider or ponder; to mix or stir thoroughly

ANSWERS: 56. atomic, 57. lab, 58. supposedly, 59. electromagnetic, 60. academic, 61. absolute, 62. startling, 63. fiction, 64. mull

65. 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
66. The salespeople speak in technical terms to \_\_\_\_\_ that they are more knowledgeable than the customer.
- v.* to indicate the truth or existence of something without referring to it
67. He was a \_\_\_\_\_ who doubted the existence of supernatural phenomena.
- n.* a person who doubts or questions the truth of specific claims, beliefs, or doctrines, especially those in religion or the supernatural
68. According to the theory of relativity, time is different for each \_\_\_\_\_.
- n.* a person who watches or notices someone or something but has no active part in it
69. A rainbow is a natural \_\_\_\_\_.
- n.* something that exists and can be perceptible, especially one that is not fully understood
70. The train \_\_\_\_\_ because a cow was standing on the tracks.
- v.* to cause a train or tram to run off the tracks accidentally; to run off or leave the rails accidentally
71. We \_\_\_\_\_ the topic because it was too complicated.
- v.* to move along lightly and quickly, making a step from one foot to the other with a hop or bounce; to intentionally fail to do something which would normally do
72. The content is \_\_\_\_\_ and informative for me.
- adj.* sharply exact or accurate or delimited

ANSWERS: 65. universe, 66. imply, 67. skeptic, 68. observer, 69. phenomenon, 70. derailed, 71. skipped, 72. precise

73. The company has filed for a \_\_\_\_\_ to protect its new invention.  
*n.* a legal document that grants an inventor exclusive rights to their invention for a certain period of time; the invention or process for which a patent has been granted
74. She claimed to have \_\_\_\_\_ powers and could predict the future.  
*adj.* relating to or capable of extrasensory perception or paranormal phenomena; relating to the mind or mental processes
75. He narrated the \_\_\_\_\_ story of his adventure.  
*adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual
76. Big techs are now eager to develop \_\_\_\_\_ computers.  
*n.* the smallest amount or unit of something, especially (electromagnetic) energy
77. Where can I \_\_\_\_\_ the application form?  
*v.* to get something, especially by making a great effort
78. The romantic couple had a picnic under the \_\_\_\_\_.  
*n.* the light emitted or reflected by stars, often observed in the night sky; the radiant energy emitted by stars
79. The industrial \_\_\_\_\_ laws were passed with little to no alteration.  
*n.* the way two persons or groups of people feel and act toward one another
80. Effective communication is often considered the \_\_\_\_\_ of a successful team.  
*n.* a fundamental or essential element or component of something; a basis or foundation upon which something is built or developed

ANSWERS: 73. patent, 74. psychic, 75. extraordinary, 76. quantum, 77. obtain, 78. starlight, 79. relations, 80. cornerstone

81. Please \_\_\_\_\_ the assignment to me.

- v.* to give or offer a document, proposal, etc. to a decision-maker for examination or consideration

82. I don't want to \_\_\_\_\_ for second best.

- v.* to reach an agreement of disagreement

83. Efficiency isn't an essential \_\_\_\_\_ here; fairness is.

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

84. She felt \_\_\_\_\_ after finishing her book.

- adj.* having completed a task or achieved a goal successfully; skilled or proficient at something

85. We need to add more names to the \_\_\_\_\_ of candidates for the upcoming election.

- n.* a flat piece of rock or stone that is typically used as a roofing or flooring material; a list of candidates for an election arranged in a specific order

86. The \_\_\_\_\_ of water is called ice.

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

87. We tend to \_\_\_\_\_ at the education, habits, and tastes of people from very different cultures.

- v.* to laugh and talk about a person or idea in a way that makes it clear that you think they are stupid or silly

88. They watched the train \_\_\_\_\_ into the distance.

- v.* to cease to exist or be visible

ANSWERS: 81. submit, 82. settle, 83. principle, 84. accomplished, 85. slate, 86. solid-state, 87. scoff, 88. disappear

89. The \_\_\_\_\_ rainstorm caused the collapse of the corral.

*adj.* not anticipated or regarded as likely to happen

90. This jigsaw \_\_\_\_\_ is challenging because there are no pictures.

*n.* a situation that is difficult to follow or solve; a game, problem, or toy that tests a person's ingenuity or knowledge; (verb) to cause someone to feel confused because of something difficult to understand

91. I always look forward to reading his stories since they're so \_\_\_\_\_.

*adj.* showing inventiveness and ability or skill

92. The \_\_\_\_\_ music created a dreamlike atmosphere in the concert hall.

*adj.* delicate, light, and airy; extremely refined or subtle; heavenly or spiritual

93. With the financial bubble bursting, the \_\_\_\_\_ of economic growth in investment banking collapsed.

*n.* an ancient story or set of stories accepted as history, especially explaining the worldview of a people

94. She knew he would \_\_\_\_\_ her for her unconventional beliefs, but she shared them anyway.

*v.* to ridicule or mock someone or something, often contemptuously or scornfully; to criticize or attack severely

95. To advance this discussion, we must \_\_\_\_\_ "success" rigorously.

*v.* to state or explain precisely the nature, scope, or meaning of something

96. I want to \_\_\_\_\_ a toast in honor of our longstanding relationship.

*v.* to make a proposal, declare a plan for something

ANSWERS: 89. unexpected, 90. puzzle, 91. ingenious, 92. ethereal, 93. myth, 94. deride, 95. define, 96. propose

97. We can calculate the position of the \_\_\_\_\_ statistically.
- n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
98. He completed his high school \_\_\_\_\_ via correspondence courses.
- n.* a document showing the completion of a course of study or a portion of the education program; a course of study at a college or university
99. People can pick out superior products \_\_\_\_\_ of the quality of the advertising.
- adv.* not paying attention or considering something or someone even if the situation is bad or there are difficulties
100. The sponge takes up the \_\_\_\_\_ well.
- n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
101. The outermost electron shell of an \_\_\_\_\_ determines its chemical characteristics.
- n.* the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus

ANSWERS: 97. particles, 98. diploma, 99. regardless, 100. liquid, 101. atom