

# Englist.me



## Vocabulary Builder Reference from...

*Fabio Pacucci: Whoever builds something here will be rich beyond measure | TED Talk*

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### All Words

#### IMPORTANT

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## Session 1: Word List

### 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.

### satellite

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

*synonym* : orbiter, asteroid, moon

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

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

### government

*n.* the group of people with authority to control a country or state

*synonym* : administration, regime, state

(1) **government** bureaucracy, (2) **government** funding

The federal **government** is planning to increase taxes for the next fiscal year.

## institute

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

*synonym*: academy, university, college

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

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

## vast

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

*synonym*: expansive, extended, boundless

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

A **vast** audience viewed the broadcast.

## expanse

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

*synonym*: stretch, field, spread

(1) vast **expanse**, (2) large **expanses**

She looked over the immense **expanse** of the sea.

## celestial

*adj.* relating to the sky or the heavens; of or like the sky or the heavens

*synonym*: heavenly, divine, ethereal

(1) **celestial** bliss, (2) **celestial** navigation

The **celestial** bodies in the night sky were beautiful to behold.

## dot

*n.* a very small circular mark, especially one that is printed

*synonym*: drop, dab, fleck

(1) connecting the **dots**, (2) **dot** blot method

The wallpaper had a pattern of pink **dots** on a white surface.

## 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**.

## deduce

*v.* to arrive at an answer, a conclusion, or a decision by reasoning

*synonym*: conclude, infer, suppose

(1) **deduce** facts from the evidence, (2) **deduce** the meaning of a word

The researcher **deduced** the momentum of the particles from meteoritic velocities.

## equilibrium

*n.* a state in which opposing forces or influences are balanced

*synonym*: balance, stability, harmony

(1) **equilibrium** point, (2) political **equilibrium**

The company struggled to maintain an **equilibrium** between its profits and social responsibilities.

## constantly

*adv.* all the time

*synonym*: continuously, always, frequently

(1) a **constantly** innovative enterprise, (2) a **constantly** varying mind

The mobile application industry is **constantly** changing.

## shifting

*adj.* constantly changing or moving

*synonym*: unfirm, shifty, fluctuating

(1) **shifting** balance, (2) continuously **shifting** landscape

Trends in the fashion industry are so **shifting** that it is challenging to keep up with them.

## 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.

## exert

*v.* to put forth effort; to put into action; to bring into play

*synonym*: exert, apply, use

(1) **exert** control, (2) **exert** influence  
He **exerted** himself to lift the heavyweight.

## 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.

## orbit

*n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity; (of medicine) the bony cavity in the skull that houses the eyeball and its associated structures, like muscles, nerves, and blood vessels

*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**.

## gravity

*n.* the force that attracts a body towards the center of the earth or towards any other physical body having mass; a manner that is solemn

*synonym* : heaviness, attraction, weight

(1) the attraction of **gravity**, (2) preserve my **gravity**

The astronaut felt weightless in space due to the absence of **gravity**.

## apparent

*adj.* able to see or understand easily or clearly

*synonym* : obvious, clear, conspicuous

(1) heir **apparent**, (2) **apparent** contradiction

This star is **apparent** to the naked eye.

## determinant

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

*synonym* : cause, factor, element

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

yields

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

## balance

*n.* a condition in which everything has the same weight or force; something left after other parts have been taken away

*synonym*: equilibrium, counterpoise, remainder

(1) the **balance** of power, (2) asset on the company's **balance** sheet

Try to keep a **balance** between work and off.

## 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**.

## 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.

## maintain

*v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true

*synonym*: preserve, uphold, sustain

(1) **maintain** order, (2) **maintain** good health

I need to **maintain** my car regularly to prevent any major mechanical issues.

## 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.

## 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.

## massive

*adj.* enormous amount; very heavy and solid

*synonym* : enormous, giant, immense

(1) **massive** amounts, (2) **massive** stars

The recent economic downturn has resulted in **massive** layoffs.

## essentially

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

*synonym* : fundamentally, basically, virtually

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

**Essentially**, a society is an organism.

## fuel

*n.* a substance that is typically burned to generate heat or energy

*synonym* : energy, power, gas

(1) biomass **fuel**, (2) smokeless **fuel**

The **fuel** scarcity most severely impacted the manufacturing sector

## spot

*n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it

*synonym* : dot, mark, place

(1) beauty **spot**, (2) a **spot** on his honor

This remote **spot** is rarely visited.

## planet

*n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

*synonym* : earth, world, globe

(1) **planet** like the Earth, (2) save the **planet**  
Mercury is the closest **planet** to the sun.

## locate

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

*synonym* : discover, find, place

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

## unstable

*adj.* lacking solidity, persistence, or firmness and therefore not strong, safe, or likely to continue; lacking control of one's emotions

*synonym* : shaky, unbalanced, inconsistent

(1) mentally **unstable**, (2) **unstable** weather  
The tower proved to be **unstable** in the high wind.

## exclusive

*adj.* not divided or shared with others

*synonym* : sole, deluxe, limited

(1) **exclusive** authority, (2) **exclusive** clubs  
The condo offers **exclusive** access to the beach.

## beg

*v.* to ask for something urgently or earnestly; to appeal to someone to do something

*synonym* : plead, implore, entreat

(1) **beg** the question, (2) **beg** for help  
She **begged** her parents to let her go to the concert.

## panoramic

*adj.* relating to an unobstructed and wide view of an extensive area; all-encompassing

*synonym* : expansive, wide-ranging, scenic

(1) **panoramic** landscape, (2) **panoramic** camera  
We hiked to the top of the hill for a **panoramic** view of the city below.

## unobstructed

*adj.* not blocked or hindered; free from obstacles or impediments

*synonym*: clear, unrestricted, unblocked

(1) **unobstructed** airflow, (2) **unobstructed** path

The hiker enjoyed the **unobstructed** view from the top of the mountain.

## shadow

*n.* a dark area or shape cast by an object blocking the passage of light; an area in darkness or shade; a reflected image or copy of something; a person, activity, or influence that follows or accompanies someone or something closely and persistently, often in a secretive or ominous manner

*synonym*: shade, silhouette, outline

(1) **shadow** cast, (2) **shadow** puppetry

The tree cast a **shadow** over the picnic area, providing relief from the sun.

## solar

*adj.* of, from, or relating to the sun

(1) the **solar** system, (2) a **solar** eclipse

**Solar** panels have greatly improved not only in performance but also in durability.

## shield

*n.* a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves

*synonym*: guard, protection, safeguard

(1) a heat **shield**, (2) a **shield** for protecting against a bullet  
Lead is an effective **shield** against X-rays, gamma rays, and other harmful radiation.

## observe

*v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion

*synonym*: watch, monitor, scrutinize

(1) **observe** a tradition, (2) **observe** wildlife



It is important to **observe** safety procedures in the workplace to prevent accidents.

## 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.

## occupy

*v.* to consume all of someone's space, attention, or time  
*synonym*: inhabit, settle, populate

(1) **occupy** his time, (2) **occupy** a position  
The young prince will soon **occupy** the throne.

## fraction

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

*synonym*: piece, part, fragment

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

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

## 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.

## frequent

*adj.* happening constantly

*synonym*: periodic, recurring, routine

(1) **frequent** absence, (2) **frequent** use

His heartaches are less **frequent** now.

## 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**.

## sibling

*n.* a brother or sister; member of a family born to the same parents

*synonym*: brother, sister, relative

(1) have a **sibling** quarrel, (2) play with my **siblings**

Children often copy their parents or elder **siblings**.

## slightly

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

*synonym*: barely, narrowly, scarcely

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

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

## drift

*v.* to move smoothly and slowly in water or air, especially as a result of outside forces, with no control over the direction

*synonym*: float, wander, freewheel

(1) **drift** down the stream, (2) **drift** away on a raft

I **drifted** around for years in Europe before going to university.

## energetic

*adj.* possessing or exerting or displaying energy

*synonym*: active, animated, lively

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

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

## stability

*n.* the quality or attribute of being firm and steadfast

*synonym*: resilience, solidity, steadiness

(1) **stability** pact, (2) fiscal **stability** pact

The policy should increase the country's monetary **stability**.

## vary

*v.* to become different in terms of size, shape, etc.

*synonym*: alter, contrast, differ

(1) **vary** according to the age, (2) **vary** directly with the price

Maximum heart rates **vary** a lot for each individual.

## relevance

*n.* the state or degree of being closely connected or appropriate to the matter at hand

*synonym* : pertinence, applicability, connection

(1) have no **relevance**, (2) **relevance** category

The **relevance** of this information to the current situation needs to be investigated.

## stable

*adj.* firm and steady; not easily moved, disturbed, or changed

*synonym* : sturdy, unmoving, durable

(1) in **stable** condition, (2) have a **stable** job

Relations between the two countries have been relatively **stable** due to the summit meeting.

## naturally

*adv.* as might be expected; by natural manners

*synonym* : by nature, inherently, intrinsically

(1) **naturally** arising, (2) **naturally** regenerated forest

He was **naturally** gifted.

## accumulate

*v.* to collect or acquire a large number of things over a long period of time

*synonym* : amass, stash, earn

(1) **accumulate** cash value, (2) **accumulate** evidence

He has **accumulated** his wealth through real estate investments.

## asteroid

*n.* a small rocky body orbiting the sun, typically in the region between Mars and Jupiter

*synonym* : minor planet, planetoid, rocky planetesimal

(1) **asteroid** mining, (2) **asteroid** explorer

Scientists are studying the composition and origins of the **asteroid** belt to understand the early solar system better.

## quirk

*n.* a peculiar behavior, habit, or characteristic that is distinctive to an individual or group

*synonym*: eccentricity, idiosyncrasy, peculiarity

(1) personality **quirk**, (2) a **quirk** of fate

One of her **quirks** is that she always wears mismatched socks.

## scavenge

*v.* to search for or gather useful material, particularly food or other resources, from discarded waste or other sources

*synonym*: search, scrounge, rummage

(1) **scavenge** for food, (2) **scavenge** for iron scraps

The raccoon **scavenged** through the garbage cans in search of food.

## construct

*v.* to build or create something; to assemble or combine different parts to form something whole

*synonym*: build, assemble, create

(1) **construct** a 3D image, (2) **construct** a dam

He **constructs** hypotheses that no mathematician has ever imagined before.

## colony

*n.* a country or an area that is governed by a more powerful country that is often far away

*synonym*: settlement, territory, plantation

(1) plant a **colony**, (2) a **colony** of bacteria

The **colony** declared its independence and became a republic.

## advance

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

*synonym*: progress, boost, come along

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

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

## technological

*adj.* based on scientific and industrial progress

*synonym* : specialized, technical

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

**Technological** advances have disrupted many industries.

## achievement

*n.* a thing that someone has accomplished, primarily through their effort and ability

*synonym* : accomplishment, attainment, triumph

(1) student **achievement**, (2) a remarkable **achievement**

This **achievement** has never been formally accepted.

## Session 2: Spelling

- |                            |  |
|----------------------------|--|
| 1. ma_____in good health   | <i>v.</i> to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true  |
| 2. in st___e condition     | <i>adj.</i> firm and steady; not easily moved, disturbed, or changed   |
| 3. mat_____cs competition  | <i>n.</i> the science dealing with the logic of quantities, shapes, spaces, and arrangement  |
| 4. student ach_____nt      | <i>n.</i> a thing that someone has accomplished, primarily through their effort and ability  |
| 5. b_g the question        | <i>v.</i> to ask for something urgently or earnestly; to appeal to someone to do something   |
| 6. as_____id explorer      | <i>n.</i> a small rocky body orbiting the sun, typically in the region between Mars and Jupiter  |
| 7. ap_____nt contradiction | <i>adj.</i> able to see or understand easily or clearly  |
| 8. large ex_____es         | <i>n.</i> a substance, such as water or oil, that flows freely and is neither a solid nor a gas  |
| 9. in_____te a lawsuit     | <i>n.</i> an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something |

ANSWERS: 1. maintain, 2. stable, 3. mathematics, 4. achievement, 5. beg, 6. asteroid, 7. apparent, 8. expanse, 9. institute

- |                                     |   |
|-------------------------------------|---|
| 10. b_g for help                    | <i>v.</i> to ask for something urgently or earnestly; to appeal to someone to do something  |
| 11. ma____e amounts                 | <i>adj.</i> enormous amount; very heavy and solid   |
| 12. connecting the d_ts             | <i>n.</i> a very small circular mark, especially one that is printed  |
| 13. play with my si____gs           | <i>n.</i> a brother or sister; member of a family born to the same parents  |
| 14. ex____ve clubs                  | <i>adj.</i> not divided or shared with others   |
| 15. dr__t away on a raft            | <i>v.</i> to move smoothly and slowly in water or air, especially as a result of outside forces, with no control over the direction |
| 16. have a si____g quarrel          | <i>n.</i> a brother or sister; member of a family born to the same parents  |
| 17. ex__t control                   | <i>v.</i> to put forth effort; to put into action; to bring into play   |
| 18. en____ic density                | <i>adj.</i> possessing or exerting or displaying energy   |
| 19. gov____nt bureaucracy           | <i>n.</i> the group of people with authority to control a country or state  |
| 20. continuously sh____ng landscape | <i>adj.</i> constantly changing or moving   |
| 21. beauty s__t                     | <i>n.</i> a particular location or place; a small round or roundish area, differing in color or feels from the surface around it    |
| 22. a co____nt temperature          | <i>adj.</i> happening repeatedly or all the time  |
| 23. na____ly regenerated forest     | <i>adv.</i> as might be expected; by natural manners  |

ANSWERS: 10. beg, 11. massive, 12. dot, 13. sibling, 14. exclusive, 15. drift, 16. sibling, 17. exert, 18. energetic, 19. government, 20. shifting, 21. spot, 22. constant, 23. naturally

24. 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
25. v\_\_t desert  
*adj.* enormous in size, number, amount, or quantity
26. uno\_\_\_\_\_ted airflow  
*adj.* not blocked or hindered; free from obstacles or impediments
27. en\_\_\_\_\_ic dog  
*adj.* possessing or exerting or displaying energy
28. mys\_\_\_\_\_us stranger  
*adj.* difficult to understand, explain, or identify; having an aura of secrecy, intrigue, or puzzlement
29. 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
30. research in\_\_\_\_\_tes  
*n.* an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something
31. become ess\_\_\_\_\_ly same  
*adv.* relating to the essential features or concepts of anything
32. environmental det\_\_\_\_\_nt  
*n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
33. 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: 24. fiction, 25. vast, 26. unobstructed, 27. energetic, 28. mysterious, 29. universe, 30. institute, 31. essentially, 32. determinant, 33. distance



34. v\_\_y according to the age      *v.* to become different in terms of size, shape, etc.
35. as\_\_\_\_id mining      *n.* a small rocky body orbiting the sun, typically in the region between Mars and Jupiter
36. smokeless f\_\_l      *n.* a substance that is typically burned to generate heat or energy
37. v\_\_t majority      *adj.* enormous in size, number, amount, or quantity
38. ex\_\_t influence      *v.* to put forth effort; to put into action; to bring into play
39. ma\_\_\_\_e stars      *adj.* enormous amount; very heavy and solid
40. 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
41. asset on the company's ba\_\_\_\_e sheet      *n.* a condition in which everything has the same weight or force; something left after other parts have been taken away
42. 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
43. sh\_\_\_\_w puppetry      *n.* a dark area or shape cast by an object blocking the passage of light; an area in darkness or shade; a reflected image or copy of something; a person, activity, or influence that follows or accompanies someone or something closely and persistently, often in a secretive or ominous manner

ANSWERS: 34. vary, 35. asteroid, 36. fuel, 37. vast, 38. exert, 39. massive, 40. distance, 41. balance, 42. fiction, 43. shadow

44. personality qu\_\_k *n.* a peculiar behavior, habit, or characteristic that is distinctive to an individual or group
45. biomass f\_\_l *n.* a substance that is typically burned to generate heat or energy
46. look through a te\_\_\_\_\_pe *n.* a device like a tube in shape containing lenses used to magnify and observe distant objects
47. de\_\_\_e facts from the evidence *v.* to arrive at an answer, a conclusion, or a decision by reasoning
48. pa\_\_\_\_\_ic landscape *adj.* relating to an unobstructed and wide view of an extensive area; all-encompassing
49. 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
50. ob\_\_\_\_\_e a tradition *v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
51. the ba\_\_\_\_\_e of power *n.* a condition in which everything has the same weight or force; something left after other parts have been taken away
52. 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

ANSWERS: 44. quirk, 45. fuel, 46. telescope, 47. deduce, 48. panoramic, 49. mass, 50. observe, 51. balance, 52. mass

53. ce\_\_\_\_\_al navigation *adj.* relating to the sky or the heavens; of or like the sky or the heavens
54. a remote re\_\_\_\_\_ve *adj.* considered and evaluated through comparison with something else
55. de\_\_\_e the meaning of a word *v.* to arrive at an answer, a conclusion, or a decision by reasoning
56. a numerator in a fr\_\_\_\_\_on *n.* a small part or item forming a piece of a whole; the quotient of two rational numbers
57. a remarkable ach\_\_\_\_\_nt *n.* a thing that someone has accomplished, primarily through their effort and ability
58. pl\_\_\_t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
59. fr\_\_\_\_\_nt use *adj.* happening constantly
60. heir ap\_\_\_\_\_nt *adj.* able to see or understand easily or clearly
61. sh\_\_\_\_\_ng balance *adj.* constantly changing or moving
62. dr\_\_t down the stream *v.* to move smoothly and slowly in water or air, especially as a result of outside forces, with no control over the direction
63. a qu\_\_k of fate *n.* a peculiar behavior, habit, or characteristic that is distinctive to an individual or group
64. 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; (of medicine) the bony cavity in the skull that houses the eyeball and its associated structures, like muscles, nerves, and blood vessels

ANSWERS: 53. celestial, 54. relative, 55. deduce, 56. fraction, 57. achievement, 58. planet, 59. frequent, 60. apparent, 61. shifting, 62. drift, 63. quirk, 64. orbit

65. re\_\_\_\_ve factors *adj.* considered and evaluated through comparison with something else
66. the attraction of gr\_\_\_\_y *n.* the force that attracts a body towards the center of the earth or towards any other physical body having mass; a manner that is solemn
67. 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; (of medicine) the bony cavity in the skull that houses the eyeball and its associated structures, like muscles, nerves, and blood vessels
68. 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
69. ob\_\_\_\_e wildlife *v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
70. ce\_\_\_\_al bliss *adj.* relating to the sky or the heavens; of or like the sky or the heavens
71. un\_\_\_\_le weather *adj.* lacking solidity, persistence, or firmness and therefore not strong, safe, or likely to continue; lacking control of one's emotions
72. sc\_\_\_\_ge for iron scraps *v.* to search for or gather useful material, particularly food or other resources, from discarded waste or other sources

ANSWERS: 65. relative, 66. gravity, 67. orbit, 68. launch, 69. observe, 70. celestial, 71. unstable, 72. scavenge

73. lo\_\_\_e a tumor *v.* to specify or determine the exact position of someone or something
74. ad\_\_\_\_\_e the technology *v.* to go or move forward; to develop in a positive way
75. uno\_\_\_\_\_ted path *adj.* not blocked or hindered; free from obstacles or impediments
76. fiscal st\_\_\_\_\_ty pact *n.* the quality or attribute of being firm and steadfast
77. gra\_\_\_\_\_nal waves *adj.* relating to or caused by gravity (= the force that attracts objects towards one another)
78. vast ex\_\_\_\_\_e *n.* a substance, such as water or oil, that flows freely and is neither a solid nor a gas
79. mys\_\_\_\_\_us object *adj.* difficult to understand, explain, or identify; having an aura of secrecy, intrigue, or puzzlement
80. a good grounding in mat\_\_\_\_\_cs *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
81. lo\_\_\_e a missing pet *v.* to specify or determine the exact position of someone or something
82. have no re\_\_\_\_\_ce *n.* the state or degree of being closely connected or appropriate to the matter at hand
83. tec\_\_\_\_\_cal policy *adj.* based on scientific and industrial progress
84. ess\_\_\_\_\_ly correct *adv.* relating to the essential features or concepts of anything

ANSWERS: 73. locate, 74. advance, 75. unobstructed, 76. stability, 77. gravitational, 78. expanse, 79. mysterious, 80. mathematics, 81. locate, 82. relevance, 83. technological, 84. essentially

85. tec\_\_\_\_\_cal advancement      *adj.* based on scientific and industrial progress
86. sc\_\_\_\_\_ge for food      *v.* to search for or gather useful material, particularly food or other resources, from discarded waste or other sources
87. plant a co\_\_\_\_y      *n.* a country or an area that is governed by a more powerful country that is often far away
88. a binocular te\_\_\_\_\_pe      *n.* a device like a tube in shape containing lenses used to magnify and observe distant objects
89. co\_\_\_\_\_ct a dam      *v.* to build or create something; to assemble or combine different parts to form something whole
90. 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
91. preserve my gr\_\_\_\_\_y      *n.* the force that attracts a body towards the center of the earth or towards any other physical body having mass; a manner that is solemn
92. ad\_\_\_\_\_e a cooperative relationship      *v.* to go or move forward; to develop in a positive way
93. v\_\_y directly with the price      *v.* to become different in terms of size, shape, etc.
94. fr\_\_\_\_\_nt absence      *adj.* happening constantly
95. have a st\_\_\_\_e job      *adj.* firm and steady; not easily moved, disturbed, or changed

ANSWERS: 85. technological, 86. scavenge, 87. colony, 88. telescope, 89. construct, 90. launch, 91. gravity, 92. advance, 93. vary, 94. frequent, 95. stable

96. co\_\_\_\_\_ct a 3D image  
*v.* to build or create something; to assemble or combine different parts to form something whole
97. save the pl\_\_\_\_t  
*n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
98. equ\_\_\_\_\_um point  
*n.* a state in which opposing forces or influences are balanced
99. gra\_\_\_\_\_nal energy  
*adj.* relating to or caused by gravity (= the force that attracts objects towards one another)
100. a GPS sa\_\_\_\_\_te  
*n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
101. sl\_\_\_\_ly alkaline soils  
*adv.* in a small degree or extent; a little
102. a co\_\_\_\_y of bacteria  
*n.* a country or an area that is governed by a more powerful country that is often far away
103. the so\_\_r system  
*adj.* of, from, or relating to the sun
104. ma\_\_\_\_\_in order  
*v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
105. a con\_\_\_\_\_ly varying mind  
*adv.* all the time
106. a fr\_\_\_\_onal share of the vote  
*n.* a small part or item forming a piece of a whole; the quotient of two rational numbers

ANSWERS: 96. construct, 97. planet, 98. equilibrium, 99. gravitational, 100. satellite, 101. slightly, 102. colony, 103. solar, 104. maintain, 105. constantly, 106. fraction

107. oc\_\_\_y a position *v.* to consume all of someone's space, attention, or time
108. st\_\_\_\_\_ty pact *n.* the quality or attribute of being firm and steadfast
109. a s\_\_t on his honor *n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
110. mentally un\_\_\_\_\_le *adj.* lacking solidity, persistence, or firmness and therefore not strong, safe, or likely to continue; lacking control of one's emotions
111. gov\_\_\_\_\_nt funding *n.* the group of people with authority to control a country or state
112. 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
113. political equ\_\_\_\_\_um *n.* a state in which opposing forces or influences are balanced
114. a sh\_\_\_d for protecting against a bullet *n.* a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves
115. re\_\_\_\_\_ce category *n.* the state or degree of being closely connected or appropriate to the matter at hand
116. acc\_\_\_\_\_te cash value *v.* to collect or acquire a large number of things over a long period of time
117. a co\_\_\_\_\_nt wind *adj.* happening repeatedly or all the time

ANSWERS: 107. occupy, 108. stability, 109. spot, 110. unstable, 111. government, 112. universe, 113. equilibrium, 114. shield, 115. relevance, 116. accumulate, 117. constant



118. pa\_\_\_\_\_ic camera *adj.* relating to an unobstructed and wide view of an extensive area; all-encompassing
119. increase sl\_\_\_\_\_ly *adv.* in a small degree or extent; a little
120. a heat sh\_\_\_\_\_d *n.* a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves
121. d\_t blot method *n.* a very small circular mark, especially one that is printed
122. a det\_\_\_\_\_nt of crop yields *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
123. ex\_\_\_\_\_ve authority *adj.* not divided or shared with others
124. acc\_\_\_\_\_te evidence *v.* to collect or acquire a large number of things over a long period of time
125. oc\_\_\_y his time *v.* to consume all of someone's space, attention, or time
126. sh\_\_\_w cast *n.* a dark area or shape cast by an object blocking the passage of light; an area in darkness or shade; a reflected image or copy of something; a person, activity, or influence that follows or accompanies someone or something closely and persistently, often in a secretive or ominous manner
127. na\_\_\_\_\_ly arising *adv.* as might be expected; by natural manners

ANSWERS: 118. panoramic, 119. slightly, 120. shield, 121. dot, 122. determinant, 123. exclusive, 124. accumulate, 125. occupy, 126. shadow, 127. naturally

128. a meteorological sa\_\_\_\_\_te                      *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
129. a con\_\_\_\_\_ly innovative enterprise            *adv.* all the time
130. a so\_\_r eclipse    *adj.* of, from, or relating to the sun

ANSWERS: 128. satellite, 129. constantly, 130. solar

## Session 3: Fill in the Blanks

1. Scientific knowledge will \_\_\_\_\_ significantly with the power of AI.  
*v.* to go or move forward; to develop in a positive way
2. The \_\_\_\_\_ disappearance of the ship remains unsolved.  
*adj.* difficult to understand, explain, or identify; having an aura of secrecy, intrigue, or puzzlement
3. One \_\_\_\_\_ of success is having a positive attitude and a strong work ethic.  
*n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
4. The \_\_\_\_\_ bodies in the night sky were beautiful to behold.  
*adj.* relating to the sky or the heavens; of or like the sky or the heavens
5. 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
6. It is important to \_\_\_\_\_ safety procedures in the workplace to prevent accidents.  
*v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
7. The hiker enjoyed the \_\_\_\_\_ view from the top of the mountain.  
*adj.* not blocked or hindered; free from obstacles or impediments

ANSWERS: 1. advance, 2. mysterious, 3. determinant, 4. celestial, 5. fiction, 6. observe, 7. unobstructed

8. The policy should increase the country's monetary \_\_\_\_\_.
- n.* the quality or attribute of being firm and steadfast
9. He moved his body \_\_\_\_\_ to the left.
- adv.* in a small degree or extent; a little
10. The tree cast a \_\_\_\_\_ over the picnic area, providing relief from the sun.
- n.* a dark area or shape cast by an object blocking the passage of light; an area in darkness or shade; a reflected image or copy of something; a person, activity, or influence that follows or accompanies someone or something closely and persistently, often in a secretive or ominous manner
11. He spent only a \_\_\_\_\_ of his earnings.
- n.* a small part or item forming a piece of a whole; the quotient of two rational numbers
12. She looked over the immense \_\_\_\_\_ of the sea.
- n.* a substance, such as water or oil, that flows freely and is neither a solid nor a gas
13. This remote \_\_\_\_\_ is rarely visited.
- n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
14. The astronaut felt weightless in space due to the absence of \_\_\_\_\_.
- n.* the force that attracts a body towards the center of the earth or towards any other physical body having mass; a manner that is solemn
15. A \_\_\_\_\_ audience viewed the broadcast.
- adj.* enormous in size, number, amount, or quantity

ANSWERS: 8. stability, 9. slightly, 10. shadow, 11. fraction, 12. expanse, 13. spot, 14. gravity, 15. vast

16. \_\_\_\_\_ panels have greatly improved not only in performance but also in durability.

*adj.* of, from, or relating to the sun

17. This star is \_\_\_\_\_ to the naked eye.

*adj.* able to see or understand easily or clearly

18. Launching an artificial \_\_\_\_\_ contributed to the technological development of our country.

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

19. The mobile application industry is \_\_\_\_\_ changing.

*adv.* all the time

20. He has a flair for \_\_\_\_\_.

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

21. This \_\_\_\_\_ has never been formally accepted.

*n.* a thing that someone has accomplished, primarily through their effort and ability

22. 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; (of medicine) the bony cavity in the skull that houses the eyeball and its associated structures, like muscles, nerves, and blood vessels

23. The researcher \_\_\_\_\_ the momentum of the particles from meteoritic velocities.

*v.* to arrive at an answer, a conclusion, or a decision by reasoning

ANSWERS: 16. Solar, 17. apparent, 18. satellite, 19. constantly, 20. mathematics, 21. achievement, 22. orbit, 23. deduced

24. We hiked to the top of the hill for a \_\_\_\_\_ view of the city below.  
*adj.* relating to an unobstructed and wide view of an extensive area;  
all-encompassing
25. I \_\_\_\_\_ around for years in Europe before going to university.  
*v.* to move smoothly and slowly in water or air, especially as a result of outside forces, with no control over the direction
26. The \_\_\_\_\_ of this information to the current situation needs to be investigated.  
*n.* the state or degree of being closely connected or appropriate to the matter at hand
27. Trends in the fashion industry are so \_\_\_\_\_ that it is challenging to keep up with them.  
*adj.* constantly changing or moving
28. He has \_\_\_\_\_ his wealth through real estate investments.  
*v.* to collect or acquire a large number of things over a long period of time
29. The young prince will soon \_\_\_\_\_ the throne.  
*v.* to consume all of someone's space, attention, or time
30. The robot can accurately \_\_\_\_\_ construction material.  
*v.* to specify or determine the exact position of someone or something
31. The recent economic downturn has resulted in \_\_\_\_\_ layoffs.  
*adj.* enormous amount; very heavy and solid

ANSWERS: 24. panoramic, 25. drifted, 26. relevance, 27. shifting, 28. accumulated, 29. occupy, 30. locate, 31. massive

32. Most countries prohibit sexual activity between certain close \_\_\_\_\_.  
*adj.* considered and evaluated through comparison with something else
33. 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
34. Scientists are studying the composition and origins of the \_\_\_\_\_ belt to understand the early solar system better.  
*n.* a small rocky body orbiting the sun, typically in the region between Mars and Jupiter
35. This region has many \_\_\_\_\_ offering higher education.  
*n.* an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something
36. Mercury is the closest \_\_\_\_\_ to the sun.  
*n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
37. The wallpaper had a pattern of pink \_\_\_\_\_ on a white surface.  
*n.* a very small circular mark, especially one that is printed
38. The condo offers \_\_\_\_\_ access to the beach.  
*adj.* not divided or shared with others
39. 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

ANSWERS: 32. relatives, 33. distance, 34. asteroid, 35. institutes, 36. planet, 37. dots, 38. exclusive, 39. telescope

40. He was \_\_\_\_\_ gifted.

*adv.* as might be expected; by natural manners

41. This process caused an \_\_\_\_\_ chemical reaction.

*adj.* possessing or exerting or displaying energy

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

*adj.* based on scientific and industrial progress

43. Relations between the two countries have been relatively \_\_\_\_\_ due to the summit meeting.

*adj.* firm and steady; not easily moved, disturbed, or changed

44. The tower proved to be \_\_\_\_\_ in the high wind.

*adj.* lacking solidity, persistence, or firmness and therefore not strong, safe, or likely to continue; lacking control of one's emotions

45. His heartaches are less \_\_\_\_\_ now.

*adj.* happening constantly

46. 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

47. The \_\_\_\_\_ declared its independence and became a republic.

*n.* a country or an area that is governed by a more powerful country that is often far away

ANSWERS: 40. naturally, 41. energetic, 42. Technological, 43. stable, 44. unstable, 45. frequent, 46. launch, 47. colony



48. 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
49. She \_\_\_\_\_ her parents to let her go to the concert.  
*v.* to ask for something urgently or earnestly; to appeal to someone to do something
50. \_\_\_\_\_ a society is an organism.  
*adv.* relating to the essential features or concepts of anything
51. 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
52. \_\_\_\_\_ dropping wears away the stone.  
*adj.* happening repeatedly or all the time
53. Children often copy their parents or elder \_\_\_\_\_.  
*n.* a brother or sister; member of a family born to the same parents
54. One of her \_\_\_\_\_ is that she always wears mismatched socks.  
*n.* a peculiar behavior, habit, or characteristic that is distinctive to an individual or group
55. The federal \_\_\_\_\_ is planning to increase taxes for the next fiscal year.  
*n.* the group of people with authority to control a country or state
56. He \_\_\_\_\_ himself to lift the heavyweight.  
*v.* to put forth effort; to put into action; to bring into play

ANSWERS: 48. mass, 49. begged, 50. Essentially, 51. universe, 52. Constant, 53. siblings, 54. quirks, 55. government, 56. exerted

57. The \_\_\_\_\_ scarcity most severely impacted the manufacturing sector
- n.* a substance that is typically burned to generate heat or energy
58. I need to \_\_\_\_\_ my car regularly to prevent any major mechanical issues.
- v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
59. Lead is an effective \_\_\_\_\_ against X-rays, gamma rays, and other harmful radiation.
- n.* a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves
60. 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)
61. Maximum heart rates \_\_\_\_\_ a lot for each individual.
- v.* to become different in terms of size, shape, etc.
62. The company struggled to maintain an \_\_\_\_\_ between its profits and social responsibilities.
- n.* a state in which opposing forces or influences are balanced
63. He \_\_\_\_\_ hypotheses that no mathematician has ever imagined before.
- v.* to build or create something; to assemble or combine different parts to form something whole
64. Try to keep a \_\_\_\_\_ between work and off.
- n.* a condition in which everything has the same weight or force; something left after other parts have been taken away

ANSWERS: 57. fuel, 58. maintain, 59. shield, 60. gravitational, 61. vary, 62. equilibrium, 63. constructs, 64. balance

65. The raccoon \_\_\_\_\_ through the garbage cans in search of food.

- v. to search for or gather useful material, particularly food or other resources, from discarded waste or other sources

ANSWERS: 65. scavenged