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Vocabulary Builder Reference from...

Arvind Gupta: Turning trash into toys for learning | TED Talk

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

Advanced Words Only

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Session 1: Word List

revolting

adj. causing strong disgust or repugnance; obscene, offensive, or morally unappealing

synonym : disgusting, repulsive, nauseating

(1) **revolting** sight, (2) **revolting** behavior

The sight and smell of the rotting garbage were **revolting**.

jolt

v. to move or cause to move with a sudden jerky motion; to disturb someone's composure); (noun) a sudden, sharp movement or shock

synonym : shock, jar, bump

(1) **jolt** entire social systems, (2) **jolt** of excitement

The news of the unexpected announcement **jolted** the stock market.

churning

n. the process of mixing or stirring something vigorously, often to create a frothy or creamy texture; a state of upheaval or turbulence, often referring to the stock market or economy

synonym : agitation, turmoil, commotion

(1) butter **churning**, (2) **churning** emotions

The **churning** of the waves on the beach made it difficult to swim.

unleash

v. to suddenly release a strong force, emotion, etc. that cannot be controlled

synonym : discharge, free, release

(1) **unleash** a hound, (2) **unleash** her anger

The general was still reluctant to **unleash** his troops in pursuit of an enemy.

resigned

adj. having accepted something unpleasant or difficult, particularly a job or situation, without complaint or resistance; accepting one's fate or circumstances

synonym : submissive, acquiescent, passive

(1) with a **resigned** voice, (2) **resigned** to their fate

She had a **resigned** look on her face when she realized that she had lost the race.

revitalization

n. the process of giving new life or energy to something

synonym : renewal, reactivation, rejuvenation

(1) **revitalization** project, (2) **revitalization** of humanity

The **revitalization** of the downtown area brought new life to the community.

slogan

n. a short, catchy phrase or motto that is used by a person, organization, or company to promote a particular product, cause, or idea

synonym : catchphrase, tagline, motto

(1) catchy **slogan**, (2) advertising **slogan**

The company spent months researching and testing different brand **slogans** before finally settling on 'Just Do It' as their new tagline.

bazaar

n. marketplace, especially one in the Middle East

synonym : market, fair, trading post

(1) a charity **bazaar**, (2) a church **bazaar**

The **bazaar** market was filled with colorful stalls selling goods from all over the world.

matchstick

n. a small, thin stick made of wood or cardboard, typically coated with a combustible substance on one end, used for lighting fires or as a component of a match

(1) burning **matchstick**, (2) **matchstick** figure

She carved the carrot into **matchstick-sized** pieces for the salad.

obtuse

adj. lacking in sharpness or quickness of mind; blunt or dull-witted; (of mathematics) an angle that measures greater than 90 degrees but less than 180 degrees

synonym: dense, stupid, insensitive

(1) **obtuse** angle, (2) **obtuse** remarks

His **obtuse** reasoning made it difficult for me to understand his point of view.

pentagon

n. a flat geometric shape with five straight sides and five angles; a building in Washington, D.C., that houses the U.S. Department of Defense and is the headquarters of the U.S. military

synonym: five-sided shape, quinquangle

(1) equilateral **pentagon**, (2) **pentagon** building

The shape of the building is a distinctive five-sided **pentagon**.

hexagon

n. a six-sided polygon with six angles and six sides of equal length

synonym: hexahedron, six-sided figure, six-gon

(1) **hexagon** head bolt, (2) **hexagon** pattern

The honeycomb structure of a beehive is made up of **hexagons**.

polygon

n. a closed plane figure bounded by three or more straight sides that meet at the same number of angles (vertices)

synonym: shape, figure, form

(1) regular **polygon**, (2) closed **polygon**

The garden had a complex **polygon** shape with many angles and corners.

ameba

n. a single-celled organism that typically has the shape of a small, round blob and moves by means of temporary projections called pseudopodia

synonym : protozoan, single-celled organism, unicellular organism

(1) **ameba** culture, (2) **ameba** movement

The pathogenetic **ameba** moved by extending and retracting its pseudopodia.

rectangle

n. a four-sided geometric shape with four right angles, where opposite sides are parallel and of equal length

synonym : oblong, square, quadrangle

(1) orthogonal **rectangle**, (2) **rectangle** box

The living room had a **rectangle-shaped** coffee table in the center of it.

parallelogram

n. a four-sided geometric shape with opposite sides parallel to each other, characterized by its angles, sides, and area

synonym : rectangle, quadrangle, oblong

(1) base of **parallelogram**, (2) opposite angles of a **parallelogram**

In geometry class, we learned how to calculate the area of a **parallelogram**.

trapezoid

n. (also "trapezium") a four-sided polygon with two parallel sides and two non-parallel sides; (in North America) a quadrilateral with at least one pair of parallel sides

synonym : trapezium, trapeze

(1) the area of a **trapezoid**, (2) isosceles **trapezoid**

The building's windows were arranged in **trapezoid** shapes, giving it a modern look.

isosceles

adj. referring to a triangle that has two sides of equal length

synonym : equilateral

(1) **isosceles** theorem, (2) **isosceles** base

The students were learning about the properties of **isosceles** triangles in their geometry class.

prim

adj. excessively proper or formal in behavior, appearance, or dress; precise or meticulous in a fastidious or overbearing manner

synonym : neat, proper, demure

(1) **prim** etiquette, (2) **prim** behavior

She always wears **prim** and proper attire to important business meetings.

rhombus

n. a quadrilateral (= a four-sided polygon) with all four sides of equal length, whose opposite angles are equal, but the adjacent angles are not right angles

synonym : diamond, parallelogram

(1) geometric **rhombus**, (2) a small **rhombus**

The **rhombus-shaped** sign indicated that we were entering a construction zone.

kite

n. a toy made of a light frame covered with cloth or plastic and joined to a long string that you fly in the air

(1) **kite** string, (2) a picture on a **kite**

Benjamin Franklin proved that lightning is electricity through experiments with **kites**.

jig

n. a lively dance with a fast tempo and typically involving hopping movements; a device or tool used for guiding or directing a cutting or drilling tool

synonym : dance, reel, minuet

(1) dancing a **jig**, (2) **jig** grinding machine

The traditional Irish **jig** is a lively folk dance involving much footwork.

triangular

adj. having three angles or sides; forming or shaped like a triangle (= a three-sided polygon)

synonym : three-cornered, trilateral

(1) a **triangular** alliance, (2) **triangular** form

The **triangular** shape of the pyramid was an important architectural feature.

poke

v. to push or prod with a sharp object or the finger

synonym : prod, jab, push

(1) **poke** around the desk, (2) **poke** a fire

They **poked** fun at each other's jokes, laughing and teasing.

tetrahedron

n. a solid geometric figure with four triangular faces, typically used in 3d geometry

synonym : triangular pyramid, four-faced solid

(1) regular **tetrahedron**, (2) **tetrahedron** molecule

In chemistry and physics, the **tetrahedron** shape describes the geometry of certain molecules and crystals.

icosahedron

n. a three-dimensional geometric shape or polyhedron with 20 identical triangular faces and 12 vertices (= corner points)

synonym : twenty-faced figure, polyhedron

(1) **icosahedron** shape, (2) **icosahedron** structure

The science exhibit had a display featuring an intricately designed **icosahedron**.

igloo

n. a dome-shaped snow house or shelter commonly used by indigenous people of the Arctic regions, such as the Inuit, traditionally constructed with blocks of compacted snow or ice

synonym : snow house, snow hut

(1) **igloo** construction, (2) **igloo** village

During the winter months, the Inuit people of the Arctic often lived inside an **igloo** to survive the harsh climate.

methane

n. a chemical compound with the chemical formula CH₄ with no smell or color, often used as a fuel

(1) atmospheric **methane**, (2) reduce **methane** emissions

The ignition of **methane** gas in the plant killed five employees.

ivy

n. an evergreen climbing or ground-creeping woody plant that often grows up trees or buildings

(1) poison **ivy**, (2) **ivy** plant

The overgrown **ivy** cleaved to the ruined castle walls.

gleam

v. to reflect light in a way that creates a shining or bright and attractive appearance; to become visible or apparent

synonym: glitter, shimmer, shine

(1) **gleam** in eyes, (2) **gleam** like honey

The diamond ring **gleamed** in the sunlight, catching everyone's eye.

inflate

v. to fill something with air or gas so that it becomes bigger and rounder

synonym: blow up, expand, puff up

(1) **inflate** a tire, (2) **inflate** expense reports

She **inflated** the balloons for the party.

provocative

adj. arousing anger, interest, or another strong reaction, especially deliberately

synonym: instigating, provoking, inciting

(1) **provocative** questions, (2) a **provocative** smile

His **provocative** style frequently sparked controversies.

snug

adj. comfortably warm and cozy; fitting tightly and comfortably; compact and efficient in design

synonym: cozy, comfortable, kempt

(1) **snug** blanket, (2) **snug** little house

The baby was fast asleep in his **snug** cot, swaddled in soft, warm blankets.

sprinkler

n. a device that sprays water over a large area used especially for watering crops or gardens or for firefighting

synonym: sprayer, irrigation system

(1) road **sprinkler**, (2) **sprinkler** irrigation

The **sprinkler** system kept the lawn green and healthy.

centrifuge

n. a machine that uses centrifugal force (= a type of inertial force that appears to act on an object moving in a circular path and is directed away from the center) to separate substances of different densities, especially to separate liquids from solids

synonym: separator, extractor, spinner

(1) **centrifuge** tube, (2) ultra-high-speed **centrifuges**

The laboratory technician placed the blood samples in the **centrifuge** to separate the different components.

Arthurian

adj. relating to king Arthur and the tales and legends associated with him

(1) the **Arthurian** cycle, (2) **Arthurian** romances

The **Arthurian** legends of King Arthur and the knights of the Round Table are popular literary motifs.

photocopy

n. a duplicate of a document or image made by a process involving the use of light and photosensitive material; a copy made by a photocopier

synonym: duplicate, reproduction

(1) **photocopy** machine, (2) color **photocopy**

I need to make a **photocopy** of this document before I send it out.

fascinate

v. to attract and hold the attention of someone deeply and irresistibly

synonym: captivate, intrigue, mesmerize

(1) **fascinate** the public, (2) **fascinate** the young

The magic tricks **fascinated** the children.

collide

v. to hit something violently when moving

synonym: clash, slam, contradict

(1) **collide** head-on, (2) **collide** in midair

The interests of the two countries **collide**.

coalesce

v. to come together or merge into a single group, mass, or whole; to blend or combine elements or ideas into a

unified whole

synonym : merge, combine, unite

(1) **coalesce** ideas, (2) **coalesce** with the other

The various departments of the company will **coalesce** into one cohesive unit.

Newtonian

adj. relating to Sir Isaac Newton or his laws of motion and universal gravitation

synonym : classical, physics, mechanics

(1) **Newtonian** physics, (2) **Newtonian** mechanics

The motion of planets can be described using **Newtonian** mechanics.

donkey

n. a domesticated mammal related to the horse, similar in appearance but with longer ears and a shorter mane; a foolish or stupid person

synonym : horse, burro, mule

(1) male **donkey**, (2) **donkey** ride

The little boy rode the **donkey** at the county fair.

muck

n. dense, wet, and dirty matter or waste, often found in soil or on the ground; animal waste

synonym : dirt, mud, droppings

(1) construction **muck**, (2) **muck** on clothes

The horses waded through the **muck** in the field after the rainstorm.

spit

v. to eject saliva or other liquid from the mouth

synonym : expectorate, saliva, spew

(1) **spit** a bullet, (2) **spit** a mouthful of saliva

She tried to **spit** out the gum that she had been chewing.

oppress

v. to treat people in a cruel and authoritarian way, especially by denying them the same freedoms, rights, etc. as other people

synonym : antagonize, distress, burden

(1) **oppress** the minority, (2) **oppress** the people with force
Historically, many countries have often **oppressed** certain religions to gain the support of the majority of the population.

tetragonal

adj. of or relating to a crystal system characterized by three axes, two of which are of equal length and perpendicular to a third, longer axis

synonym : rectangular, quadrate

(1) **tetragonal** structure, (2) **tetragonal** prism

The **tetragonal** symmetry of the molecule plays an important role in its chemical properties

fused

adj. joined together or combined into one; blended or integrated in a way that creates a new entity

synonym : merged, blended, united

(1) **fused** glass, (2) **fused** bones

The **fused** wires in the electrical circuit caused a power outage.

choke

v. to prevent or obstruct the normal breathing or swallowing of someone or something

synonym : strangle, suffocate, clog

(1) **choke** with anger, (2) **choke** off the blood supply

The baby started to **choke** on a piece of apple.

seabird

n. a bird species that spends much of its life on or near the sea, often feeding on fish and other marine animals

synonym : seafowl, oceanic bird

(1) **seabird** migration, (2) **seabird** nesting

The fishermen were alarmed to see a flock of **seabirds** circling above the water.

recycle

v. to sort and collect things to process them and produce valuable materials that can be used again

synonym : reclaim, reuse, reprocess

(1) **recycle** the cardboard boxes, (2) **recycle** milk packaging

into new paper

We largely **recycle** the circuit board of cell phones because they contain a lot of valuable metals.

platonic

adj. (of relationship or emotion) friendly or affectionate but not sexual

synonym: nonphysical, nonsexual, spiritual

(1) **platonic** relationship, (2) **platonic** love

His relationship with her was completely **platonic**.

crocodile

n. a large, carnivorous reptile with powerful jaws and a long, scaly body; native to tropical regions and often found in rivers and freshwater habitats

synonym: alligator, gator, croc

(1) **crocodile** hide, (2) saltwater **crocodile**

The **crocodile** attack left the villagers in a state of shock and fear

honk

n. a loud, harsh sound made by a vehicle's horn to signal a warning or attract attention

synonym: beep, toot, blare

(1) **honk** sound, (2) **honk** for attention

The incessant **honk** of the car's horn woke me from sleep.

envy

v. to experience a feeling of jealousy or resentment towards someone because of their possessions, qualities, or achievements; to desire to have something that someone else has; (noun) a feeling of resentment or jealousy towards someone else's perceived advantage or success

synonym: covet, resent, grudge

(1) **envy** his success, (2) feeling **envy** toward him

I can't help but **envy** my friend's ability to stay calm in stressful situations.

vibrate

v. to move or cause anything to move fast and in small increments from side to side

synonym : oscillate, convulse, jerk

(1) **vibrate** at a regular frequency, (2) **vibrate** with anger
During the flight, the wings of the plane **vibrate**.

crank

n. a mechanical device that converts rotary motion into linear motion or vice versa; an eccentric or unpredictable person

synonym : eccentric, oddball, kook

(1) **crank** handle, (2) **crank** caller

The fishing reel had a **crank** that made it easy to reel in the catch.

boon

n. something that is helpful or beneficial for the quality of life

synonym : benefit, favor, blessing

(1) a **boon** companion, (2) prove a great **boon**

The increased demand for semiconductors worldwide has been a significant **boon** for the country's economy.

pulley

n. a wheel or set of wheels with a grooved rim around which a cord or rope runs, used to change the direction or point of application of a force, especially to lift heavy objects

synonym : block and tackle, hoist, lift

(1) **pulley** system, (2) movable **pulley**

The construction worker used a fixed **pulley** to lift the heavy equipment to the top floor.

twirl

v. to rotate rapidly around a central point; to spin or whirl around in a circular or spiral motion

synonym : spin, swirl, rotate

(1) **twirl** a ribbon, (2) **twirl** a hula hoop

She **twirled** her hair absentmindedly as she listened to the conversation.

regalia

n. the decorative or symbolic clothing, emblems, or accessories typically worn by royalty or other

high-ranking officials; ceremonial dress or insignia

synonym: emblems, symbols, ceremonial dress

(1) royal **regalia**, (2) traditional **regalia**

The queen's **regalia** was on full display during the coronation ceremony.

firefighter

n. a person whose job is to extinguish fires

(1) forest **firefighter**, (2) decided to be a **firefighter**

The **firefighter** broke into the house bravely to rescue the children.

adventurer

n. a person who enjoys or seeks dangerous and exciting experiences

synonym: explorer, entrepreneur, daredevil

(1) daredevil **adventurer**, (2) outdoor **adventurers**

The ocean **adventurer** holds the record for the oldest solo Pacific Ocean crossing by a sailboat.

catapult

n. a device used to hurl an object a long distance

synonym: launcher, trebuchet, slingshot

(1) powerful **catapult**, (2) **catapult** mechanism

The army used a **catapult** to launch large rocks over the castle walls.

slap

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

synonym: smack, hit, whack

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

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

aft

adj. (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle

(1) **aft** cabin, (2) **aft** view

The **aft** section of the ship suffered significant damage after

the collision with the reef.

Session 2: Spelling

1. with a re____ed voice *adj.* having accepted something unpleasant or difficult, particularly a job or situation, without complaint or resistance; accepting one's fate or circumstances
2. isosceles tr____id *n.* (also "trapezium") a four-sided polygon with two parallel sides and two non-parallel sides; (in North America) a quadrilateral with at least one pair of parallel sides
3. tw__l a hula hoop *v.* to rotate rapidly around a central point; to spin or whirl around in a circular or spiral motion
4. ph____py machine *n.* a duplicate of a document or image made by a process involving the use of light and photosensitive material; a copy made by a photocopier
5. re____ng behavior *adj.* causing strong disgust or repugnance; obscene, offensive, or morally unappealing
6. s__p on the back *v.* to strike something or someone with an open palm or flat object, producing a sharp sound or sensation; to place something firmly, suddenly, or unexpectedly
7. ch__e off the blood supply *v.* to prevent or obstruct the normal breathing or swallowing of someone or something

ANSWERS: 1. resigned, 2. trapezoid, 3. twirl, 4. photocopy, 5. revolting, 6. slap, 7. choke

8. j__t of excitement *v.* to move or cause to move with a sudden jerky motion; to disturb someone's composure); (noun) a sudden, sharp movement or shock
9. am__a culture *n.* a single-celled organism that typically has the shape of a small, round blob and moves by means of temporary projections called pseudopodia
10. poison i_y *n.* an evergreen climbing or ground-creeping woody plant that often grows up trees or buildings
11. cen_____ge tube *n.* a machine that uses centrifugal force (= a type of inertial force that appears to act on an object moving in a circular path and is directed away from the center) to separate substances of different densities, especially to separate liquids from solids
12. p__e around the desk *v.* to push or prod with a sharp object or the finger
13. un_____h her anger *v.* to suddenly release a strong force, emotion, etc. that cannot be controlled
14. co_____ce with the other *v.* to come together or merge into a single group, mass, or whole; to blend or combine elements or ideas into a unified whole
15. the Ar_____an cycle *adj.* relating to king Arthur and the tales and legends associated with him
16. vi_____e with anger *v.* to move or cause anything to move fast and in small increments from side to side

ANSWERS: 8. jolt, 9. ameba, 10. ivy, 11. centrifuge, 12. poke, 13. unleash, 14. coalesce, 15. Arthurian, 16. vibrate

17. orthogonal re_____le *n.* a four-sided geometric shape with four right angles, where opposite sides are parallel and of equal length
18. pu___y system *n.* a wheel or set of wheels with a grooved rim around which a cord or rope runs, used to change the direction or point of application of a force, especially to lift heavy objects
19. fu__d glass *adj.* joined together or combined into one; blended or integrated in a way that creates a new entity
20. ob___e angle *adj.* lacking in sharpness or quickness of mind; blunt or dull-witted; (of mathematics) an angle that measures greater than 90 degrees but less than 180 degrees
21. saltwater cr_____le *n.* a large, carnivorous reptile with powerful jaws and a long, scaly body; native to tropical regions and often found in rivers and freshwater habitats
22. s__t a bullet *v.* to eject saliva or other liquid from the mouth
23. un_____h a hound *v.* to suddenly release a strong force, emotion, etc. that cannot be controlled
24. outdoor adv_____ers *n.* a person who enjoys or seeks dangerous and exciting experiences
25. sp_____er irrigation *n.* a device that sprays water over a large area used especially for watering crops or gardens or for firefighting

ANSWERS: 17. rectangle, 18. pulley, 19. fused, 20. obtuse, 21. crocodile, 22. spit, 23. unleash, 24. adventurer, 25. sprinkler

26. male do___y *n.* a domesticated mammal related to the horse, similar in appearance but with longer ears and a shorter mane; a foolish or stupid person
27. daredevil adv_____er *n.* a person who enjoys or seeks dangerous and exciting experiences
28. op_____s the minority *v.* to treat people in a cruel and authoritarian way, especially by denying them the same freedoms, rights, etc. as other people
29. is_____es base *adj.* referring to a triangle that has two sides of equal length
30. road sp_____er *n.* a device that sprays water over a large area used especially for watering crops or gardens or for firefighting
31. se_____d migration *n.* a bird species that spends much of its life on or near the sea, often feeding on fish and other marine animals
32. tet_____al prism *adj.* of or relating to a crystal system characterized by three axes, two of which are of equal length and perpendicular to a third, longer axis
33. geometric rh_____s *n.* a quadrilateral (= a four-sided polygon) with all four sides of equal length, whose opposite angles are equal, but the adjacent angles are not right angles
34. feeling e__y toward him *v.* to experience a feeling of jealousy or resentment towards someone because of their possessions, qualities, or achievements; to desire to have something that someone else has; (noun) a feeling of resentment or jealousy towards someone else's perceived advantage or success

ANSWERS: 26. donkey, 27. adventurer, 28. oppress, 29. isosceles, 30. sprinkler, 31. seabird, 32. tetragonal, 33. rhombus, 34. envy

35. mat_____ck figure *n.* a small, thin stick made of wood or cardboard, typically coated with a combustible substance on one end, used for lighting fires or as a component of a match
36. base of par_____ram *n.* a four-sided geometric shape with opposite sides parallel to each other, characterized by its angles, sides, and area
37. fa_____te the young *v.* to attract and hold the attention of someone deeply and irresistibly
38. cr_____le hide *n.* a large, carnivorous reptile with powerful jaws and a long, scaly body; native to tropical regions and often found in rivers and freshwater habitats
39. ultra-high-speed cen_____ges *n.* a machine that uses centrifugal force (= a type of inertial force that appears to act on an object moving in a circular path and is directed away from the center) to separate substances of different densities, especially to separate liquids from solids
40. tet_____al structure *adj.* of or relating to a crystal system characterized by three axes, two of which are of equal length and perpendicular to a third, longer axis
41. p__m behavior *adj.* excessively proper or formal in behavior, appearance, or dress; precise or meticulous in a fastidious or overbearing manner

ANSWERS: 35. matchstick, 36. parallelogram, 37. fascinate, 38. crocodile, 39. centrifuge, 40. tetragonal, 41. prim

42. gl__m in eyes *v.* to reflect light in a way that creates a shining or bright and attractive appearance; to become visible or apparent
43. movable pu___y *n.* a wheel or set of wheels with a grooved rim around which a cord or rope runs, used to change the direction or point of application of a force, especially to lift heavy objects
44. rev_____ion of humanity *n.* the process of giving new life or energy to something
45. burning mat_____ck *n.* a small, thin stick made of wood or cardboard, typically coated with a combustible substance on one end, used for lighting fires or as a component of a match
46. forest fir_____er *n.* a person whose job is to extinguish fires
47. s__p a heavy fine *v.* to strike something or someone with an open palm or flat object, producing a sharp sound or sensation; to place something firmly, suddenly, or unexpectedly
48. Ar_____an romances *adj.* relating to king Arthur and the tales and legends associated with him
49. butter ch_____ng *n.* the process of mixing or stirring something vigorously, often to create a frothy or creamy texture; a state of upheaval or turbulence, often referring to the stock market or economy

ANSWERS: 42. gleam, 43. pulley, 44. revitalization, 45. matchstick, 46. firefighter, 47. slap, 48. Arthurian, 49. churning

50. a_t view *adj.* (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle
51. prove a great b__n *n.* something that is helpful or beneficial for the quality of life
52. tet_____on molecule *n.* a solid geometric figure with four triangular faces, typically used in 3d geometry
53. pro_____ve questions *adj.* arousing anger, interest, or another strong reaction, especially deliberately
54. cr__k handle *n.* a mechanical device that converts rotary motion into linear motion or vice versa; an eccentric or unpredictable person
55. in_____e a tire *v.* to fill something with air or gas so that it becomes bigger and rounder
56. am__a movement *n.* a single-celled organism that typically has the shape of a small, round blob and moves by means of temporary projections called pseudopodia
57. reduce me_____e emissions *n.* a chemical compound with the chemical formula CH₄ with no smell or color, often used as a fuel
58. ico_____on shape *n.* a three-dimensional geometric shape or polyhedron with 20 identical triangular faces and 12 vertices (= corner points)
59. Ne_____an physics *adj.* relating to Sir Isaac Newton or his laws of motion and universal gravitation
60. vi_____e at a regular frequency *v.* to move or cause anything to move fast and in small increments from side to side

ANSWERS: 50. aft, 51. boon, 52. tetrahedron, 53. provocative, 54. crank, 55. inflate, 56. ameba, 57. methane, 58. icosahedron, 59. Newtonian, 60. vibrate

61. co____ce ideas *v.* to come together or merge into a single group, mass, or whole; to blend or combine elements or ideas into a unified whole
62. pl____ic love *adj.* (of relationship or emotion) friendly or affectionate but not sexual
63. re_____le box *n.* a four-sided geometric shape with four right angles, where opposite sides are parallel and of equal length
64. regular tet_____on *n.* a solid geometric figure with four triangular faces, typically used in 3d geometry
65. j__t entire social systems *v.* to move or cause to move with a sudden jerky motion; to disturb someone's composure); (noun) a sudden, sharp movement or shock
66. e__y his success *v.* to experience a feeling of jealousy or resentment towards someone because of their possessions, qualities, or achievements; to desire to have something that someone else has; (noun) a feeling of resentment or jealousy towards someone else's perceived advantage or success
67. a pro_____ve smile *adj.* arousing anger, interest, or another strong reaction, especially deliberately
68. fu__d bones *adj.* joined together or combined into one; blended or integrated in a way that creates a new entity
69. a church ba____r *n.* marketplace, especially one in the Middle East

ANSWERS: 61. coalesce, 62. platonic, 63. rectangle, 64. tetrahedron, 65. jolt, 66. envy, 67. provocative, 68. fused, 69. bazaar

70. gl__m like honey *v.* to reflect light in a way that creates a shining or bright and attractive appearance; to become visible or apparent
71. powerful ca_____lt *n.* a device used to hurl an object a long distance
72. op_____s the people with force *v.* to treat people in a cruel and authoritarian way, especially by denying them the same freedoms, rights, etc. as other people
73. fa_____te the public *v.* to attract and hold the attention of someone deeply and irresistibly
74. tri_____ar form *adj.* having three angles or sides; forming or shaped like a triangle (= a three-sided polygon)
75. decided to be a fir_____er *n.* a person whose job is to extinguish fires
76. Ne_____an mechanics *adj.* relating to Sir Isaac Newton or his laws of motion and universal gravitation
77. catchy sl___n *n.* a short, catchy phrase or motto that is used by a person, organization, or company to promote a particular product, cause, or idea
78. i_y plant *n.* an evergreen climbing or ground-creeping woody plant that often grows up trees or buildings
79. a_t cabin *adj.* (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle
80. h__k for attention *n.* a loud, harsh sound made by a vehicle's horn to signal a warning or attract attention

ANSWERS: 70. gleam, 71. catapult, 72. oppress, 73. fascinate, 74. triangular, 75. firefighter, 76. Newtonian, 77. slogan, 78. ivy, 79. aft, 80. honk

81. ch____ng emotions *n.* the process of mixing or stirring something vigorously, often to create a frothy or creamy texture; a state of upheaval or turbulence, often referring to the stock market or economy
82. ca____lt mechanism *n.* a device used to hurl an object a long distance
83. pl____ic relationship *adj.* (of relationship or emotion) friendly or affectionate but not sexual
84. ch__e with anger *v.* to prevent or obstruct the normal breathing or swallowing of someone or something
85. s__t a mouthful of saliva *v.* to eject saliva or other liquid from the mouth
86. ico____on structure *n.* a three-dimensional geometric shape or polyhedron with 20 identical triangular faces and 12 vertices (= corner points)
87. p__m etiquette *adj.* excessively proper or formal in behavior, appearance, or dress; precise or meticulous in a fastidious or overbearing manner
88. re____e the cardboard boxes *v.* to sort and collect things to process them and produce valuable materials that can be used again
89. ig__o construction *n.* a dome-shaped snow house or shelter commonly used by indigenous people of the Arctic regions, such as the Inuit, traditionally constructed with blocks of compacted snow or ice

ANSWERS: 81. churning, 82. catapult, 83. platonic, 84. choke, 85. spit, 86. icosahedron, 87. prim, 88. recycle, 89. igloo

90. atmospheric me____e *n.* a chemical compound with the chemical formula CH₄ with no smell or color, often used as a fuel
91. do____y ride *n.* a domesticated mammal related to the horse, similar in appearance but with longer ears and a shorter mane; a foolish or stupid person
92. se____d nesting *n.* a bird species that spends much of its life on or near the sea, often feeding on fish and other marine animals
93. j_g grinding machine *n.* a lively dance with a fast tempo and typically involving hopping movements; a device or tool used for guiding or directing a cutting or drilling tool
94. equilateral pe____on *n.* a flat geometric shape with five straight sides and five angles; a building in Washington, D.C., that houses the U.S. Department of Defense and is the headquarters of the U.S. military
95. ig__o village *n.* a dome-shaped snow house or shelter commonly used by indigenous people of the Arctic regions, such as the Inuit, traditionally constructed with blocks of compacted snow or ice
96. k__e string *n.* a toy made of a light frame covered with cloth or plastic and joined to a long string that you fly in the air
97. co____e in midair *v.* to hit something violently when moving
98. s__g little house *adj.* comfortably warm and cozy; fitting tightly and comfortably; compact and efficient in design

ANSWERS: 90. methane, 91. donkey, 92. seabird, 93. jig, 94. pentagon, 95. igloo, 96. kite, 97. collide, 98. snug

99. a tri_____ar alliance *adj.* having three angles or sides; forming or shaped like a triangle (= a three-sided polygon)
100. re_____e milk packaging into new paper *v.* to sort and collect things to process them and produce valuable materials that can be used again
101. a picture on a k__e *n.* a toy made of a light frame covered with cloth or plastic and joined to a long string that you fly in the air
102. rev_____ion project *n.* the process of giving new life or energy to something
103. a b__n companion *n.* something that is helpful or beneficial for the quality of life
104. m__k on clothes *n.* dense, wet, and dirty matter or waste, often found in soil or on the ground; animal waste
105. closed po_____n *n.* a closed plane figure bounded by three or more straight sides that meet at the same number of angles (vertices)
106. he_____n pattern *n.* a six-sided polygon with six angles and six sides of equal length
107. the area of a tr_____id *n.* (also "trapezium") a four-sided polygon with two parallel sides and two non-parallel sides; (in North America) a quadrilateral with at least one pair of parallel sides
108. cr__k caller *n.* a mechanical device that converts rotary motion into linear motion or vice versa; an eccentric or unpredictable person

ANSWERS: 99. triangular, 100. recycle, 101. kite, 102. revitalization, 103. boon, 104. muck, 105. polygon, 106. hexagon, 107. trapezoid, 108. crank

109. advertising sl___n *n.* a short, catchy phrase or motto that is used by a person, organization, or company to promote a particular product, cause, or idea
110. a charity ba___r *n.* marketplace, especially one in the Middle East
111. h__k sound *n.* a loud, harsh sound made by a vehicle's horn to signal a warning or attract attention
112. a small rh____s *n.* a quadrilateral (= a four-sided polygon) with all four sides of equal length, whose opposite angles are equal, but the adjacent angles are not right angles
113. p__e a fire *v.* to push or prod with a sharp object or the finger
114. construction m__k *n.* dense, wet, and dirty matter or waste, often found in soil or on the ground; animal waste
115. regular po____n *n.* a closed plane figure bounded by three or more straight sides that meet at the same number of angles (vertices)
116. color ph____py *n.* a duplicate of a document or image made by a process involving the use of light and photosensitive material; a copy made by a photocopier
117. opposite angles of a
par_____ram *n.* a four-sided geometric shape with opposite sides parallel to each other, characterized by its angles, sides, and area

ANSWERS: 109. slogan, 110. bazaar, 111. honk, 112. rhombus, 113. poke, 114. muck, 115. polygon, 116. photocopy, 117. parallelogram

118. in_____e expense reports *v.* to fill something with air or gas so that it becomes bigger and rounder
119. pe_____on building *n.* a flat geometric shape with five straight sides and five angles; a building in Washington, D.C., that houses the U.S. Department of Defense and is the headquarters of the U.S. military
120. dancing a j_g *n.* a lively dance with a fast tempo and typically involving hopping movements; a device or tool used for guiding or directing a cutting or drilling tool
121. ob_____e remarks *adj.* lacking in sharpness or quickness of mind; blunt or dull-witted; (of mathematics) an angle that measures greater than 90 degrees but less than 180 degrees
122. re_____ed to their fate *adj.* having accepted something unpleasant or difficult, particularly a job or situation, without complaint or resistance; accepting one's fate or circumstances
123. co_____e head-on *v.* to hit something violently when moving
124. royal re_____a *n.* the decorative or symbolic clothing, emblems, or accessories typically worn by royalty or other high-ranking officials; ceremonial dress or insignia
125. is_____es theorem *adj.* referring to a triangle that has two sides of equal length
126. he_____n head bolt *n.* a six-sided polygon with six angles and six sides of equal length

ANSWERS: 118. inflate, 119. pentagon, 120. jig, 121. obtuse, 122. resigned, 123. collide, 124. regalia, 125. isosceles, 126. hexagon

127. re_____ng sight

adj. causing strong disgust or repugnance; obscene, offensive, or morally unappealing

128. traditional re_____a

n. the decorative or symbolic clothing, emblems, or accessories typically worn by royalty or other high-ranking officials; ceremonial dress or insignia

129. tw__l a ribbon

v. to rotate rapidly around a central point; to spin or whirl around in a circular or spiral motion

130. s__g blanket

adj. comfortably warm and cozy; fitting tightly and comfortably; compact and efficient in design

ANSWERS: 127. revolting, 128. regalia, 129. twirl, 130. snug

Session 3: Fill in the Blanks

1. The _____ market was filled with colorful stalls selling goods from all over the world.
n. marketplace, especially one in the Middle East
2. The news of the unexpected announcement _____ the stock market.
v. to move or cause to move with a sudden jerky motion; to disturb someone's composure); (noun) a sudden, sharp movement or shock
3. The fishermen were alarmed to see a flock of _____ circling above the water.
n. a bird species that spends much of its life on or near the sea, often feeding on fish and other marine animals
4. His _____ reasoning made it difficult for me to understand his point of view.
adj. lacking in sharpness or quickness of mind; blunt or dull-witted; (of mathematics) an angle that measures greater than 90 degrees but less than 180 degrees
5. The politician tried to _____ down the rumors about his personal life.
v. to strike something or someone with an open palm or flat object, producing a sharp sound or sensation; to place something firmly, suddenly, or unexpectedly
6. I can't help but _____ my friend's ability to stay calm in stressful situations.
v. to experience a feeling of jealousy or resentment towards someone because of their possessions, qualities, or achievements; to desire to have something that someone else has; (noun) a feeling of resentment or jealousy towards someone else's perceived advantage or success
7. She had a _____ look on her face when she realized that she had lost the race.
adj. having accepted something unpleasant or difficult, particularly a job or situation, without complaint or resistance; accepting one's fate or circumstances

ANSWERS: 1. bazaar, 2. jolted, 3. seabirds, 4. obtuse, 5. slap, 6. envy, 7. resigned

8. In chemistry and physics, the _____ shape describes the geometry of certain molecules and crystals.
n. a solid geometric figure with four triangular faces, typically used in 3d geometry
9. The ocean _____ holds the record for the oldest solo Pacific Ocean crossing by a sailboat.
n. a person who enjoys or seeks dangerous and exciting experiences
10. The little boy rode the _____ at the county fair.
n. a domesticated mammal related to the horse, similar in appearance but with longer ears and a shorter mane; a foolish or stupid person
11. His relationship with her was completely _____.
adj. (of relationship or emotion) friendly or affectionate but not sexual
12. The ____ section of the ship suffered significant damage after the collision with the reef.
adj. (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle
13. His _____ style frequently sparked controversies.
adj. arousing anger, interest, or another strong reaction, especially deliberately
14. The various departments of the company will _____ into one cohesive unit.
v. to come together or merge into a single group, mass, or whole; to blend or combine elements or ideas into a unified whole
15. The _____ system kept the lawn green and healthy.
n. a device that sprays water over a large area used especially for watering crops or gardens or for firefighting

ANSWERS: 8. tetrahedron, 9. adventurer, 10. donkey, 11. platonic, 12. aft, 13. provocative, 14. coalesce, 15. sprinkler

16. The garden had a complex _____ shape with many angles and corners.
n. a closed plane figure bounded by three or more straight sides that meet at the same number of angles (vertices)
17. She tried to _____ out the gum that she had been chewing.
v. to eject saliva or other liquid from the mouth
18. The pathogenetic _____ moved by extending and retracting its pseudopodia.
n. a single-celled organism that typically has the shape of a small, round blob and moves by means of temporary projections called pseudopodia
19. She _____ her hair absentmindedly as she listened to the conversation.
v. to rotate rapidly around a central point; to spin or whirl around in a circular or spiral motion
20. The army used a _____ to launch large rocks over the castle walls.
n. a device used to hurl an object a long distance
21. The traditional Irish _____ is a lively folk dance involving much footwork.
n. a lively dance with a fast tempo and typically involving hopping movements; a device or tool used for guiding or directing a cutting or drilling tool
22. The overgrown _____ cleaved to the ruined castle walls.
n. an evergreen climbing or ground-creeping woody plant that often grows up trees or buildings
23. The sight and smell of the rotting garbage were _____.
adj. causing strong disgust or repugnance; obscene, offensive, or morally unappealing

ANSWERS: 16. polygon, 17. spit, 18. ameba, 19. twirled, 20. catapult, 21. jig, 22. ivy, 23. revolting

24. The _____ of the downtown area brought new life to the community.
n. the process of giving new life or energy to something
25. The diamond ring _____ in the sunlight, catching everyone's eye.
v. to reflect light in a way that creates a shining or bright and attractive appearance; to become visible or apparent
26. She always wears _____ and proper attire to important business meetings.
adj. excessively proper or formal in behavior, appearance, or dress; precise or meticulous in a fastidious or overbearing manner
27. The increased demand for semiconductors worldwide has been a significant _____ for the country's economy.
n. something that is helpful or beneficial for the quality of life
28. She _____ the balloons for the party.
v. to fill something with air or gas so that it becomes bigger and rounder
29. The shape of the building is a distinctive five-sided _____.
n. a flat geometric shape with five straight sides and five angles; a building in Washington, D.C., that houses the U.S. Department of Defense and is the headquarters of the U.S. military
30. The honeycomb structure of a beehive is made up of _____.
n. a six-sided polygon with six angles and six sides of equal length
31. We largely _____ the circuit board of cell phones because they contain a lot of valuable metals.
v. to sort and collect things to process them and produce valuable materials that can be used again

ANSWERS: 24. revitalization, 25. gleamed, 26. prim, 27. boon, 28. inflated, 29. pentagon, 30. hexagons, 31. recycle

32. The baby started to _____ on a piece of apple.
- v.* to prevent or obstruct the normal breathing or swallowing of someone or something
33. The queen's _____ was on full display during the coronation ceremony.
- n.* the decorative or symbolic clothing, emblems, or accessories typically worn by royalty or other high-ranking officials; ceremonial dress or insignia
34. During the flight, the wings of the plane _____.
- v.* to move or cause anything to move fast and in small increments from side to side
35. The _____ wires in the electrical circuit caused a power outage.
- adj.* joined together or combined into one; blended or integrated in a way that creates a new entity
36. The fishing reel had a _____ that made it easy to reel in the catch.
- n.* a mechanical device that converts rotary motion into linear motion or vice versa; an eccentric or unpredictable person
37. Benjamin Franklin proved that lightning is electricity through experiments with _____.
- n.* a toy made of a light frame covered with cloth or plastic and joined to a long string that you fly in the air
38. The _____ sign indicated that we were entering a construction zone.
- n.* a quadrilateral (= a four-sided polygon) with all four sides of equal length, whose opposite angles are equal, but the adjacent angles are not right angles
39. The magic tricks _____ the children.
- v.* to attract and hold the attention of someone deeply and irresistibly

ANSWERS: 32. choke, 33. regalia, 34. vibrate, 35. fused, 36. crank, 37. kites, 38. rhombus-shaped, 39. fascinated

40. The company spent months researching and testing different brand _____ before finally settling on 'Just Do It' as their new tagline.
- n.* a short, catchy phrase or motto that is used by a person, organization, or company to promote a particular product, cause, or idea
41. The construction worker used a fixed _____ to lift the heavy equipment to the top floor.
- n.* a wheel or set of wheels with a grooved rim around which a cord or rope runs, used to change the direction or point of application of a force, especially to lift heavy objects
42. The building's windows were arranged in _____ shapes, giving it a modern look.
- n.* (also "trapezium") a four-sided polygon with two parallel sides and two non-parallel sides; (in North America) a quadrilateral with at least one pair of parallel sides
43. The general was still reluctant to _____ his troops in pursuit of an enemy.
- v.* to suddenly release a strong force, emotion, etc. that cannot be controlled
44. During the winter months, the Inuit people of the Arctic often lived inside an _____ to survive the harsh climate.
- n.* a dome-shaped snow house or shelter commonly used by indigenous people of the Arctic regions, such as the Inuit, traditionally constructed with blocks of compacted snow or ice
45. The _____ broke into the house bravely to rescue the children.
- n.* a person whose job is to extinguish fires
46. The horses waded through the _____ in the field after the rainstorm.
- n.* dense, wet, and dirty matter or waste, often found in soil or on the ground; animal waste

ANSWERS: 40. slogans, 41. pulley, 42. trapezoid, 43. unleash, 44. igloo, 45. firefighter, 46. muck

47. The incessant _____ of the car's horn woke me from sleep.
n. a loud, harsh sound made by a vehicle's horn to signal a warning or attract attention
48. The students were learning about the properties of _____ triangles in their geometry class.
adj. referring to a triangle that has two sides of equal length
49. The motion of planets can be described using _____ mechanics.
adj. relating to Sir Isaac Newton or his laws of motion and universal gravitation
50. The _____ of the waves on the beach made it difficult to swim.
n. the process of mixing or stirring something vigorously, often to create a frothy or creamy texture; a state of upheaval or turbulence, often referring to the stock market or economy
51. The interests of the two countries _____.
v. to hit something violently when moving
52. The _____ attack left the villagers in a state of shock and fear
n. a large, carnivorous reptile with powerful jaws and a long, scaly body; native to tropical regions and often found in rivers and freshwater habitats
53. The _____ legends of King Arthur and the knights of the Round Table are popular literary motifs.
adj. relating to king Arthur and the tales and legends associated with him
54. She carved the carrot into _____ pieces for the salad.
n. a small, thin stick made of wood or cardboard, typically coated with a combustible substance on one end, used for lighting fires or as a component of a match

ANSWERS: 47. honk, 48. isosceles, 49. Newtonian, 50. churning, 51. collide, 52. crocodile, 53. Arthurian, 54. matchstick-sized

55. I need to make a _____ of this document before I send it out.
- n.* a duplicate of a document or image made by a process involving the use of light and photosensitive material; a copy made by a photocopier
56. Historically, many countries have often _____ certain religions to gain the support of the majority of the population.
- v.* to treat people in a cruel and authoritarian way, especially by denying them the same freedoms, rights, etc. as other people
57. The _____ symmetry of the molecule plays an important role in its chemical properties
- adj.* of or relating to a crystal system characterized by three axes, two of which are of equal length and perpendicular to a third, longer axis
58. The _____ shape of the pyramid was an important architectural feature.
- adj.* having three angles or sides; forming or shaped like a triangle (= a three-sided polygon)
59. The science exhibit had a display featuring an intricately designed _____.
- n.* a three-dimensional geometric shape or polyhedron with 20 identical triangular faces and 12 vertices (= corner points)
60. The living room had a _____ coffee table in the center of it.
- n.* a four-sided geometric shape with four right angles, where opposite sides are parallel and of equal length
61. In geometry class, we learned how to calculate the area of a _____.
- n.* a four-sided geometric shape with opposite sides parallel to each other, characterized by its angles, sides, and area

ANSWERS: 55. photocopy, 56. oppressed, 57. tetragonal, 58. triangular, 59. icosahedron, 60. rectangle-shaped, 61. parallelogram

62. The ignition of _____ gas in the plant killed five employees.

- n.* a chemical compound with the chemical formula CH₄ with no smell or color, often used as a fuel

63. They _____ fun at each other's jokes, laughing and teasing.

- v.* to push or prod with a sharp object or the finger

64. The baby was fast asleep in his _____ cot, swaddled in soft, warm blankets.

- adj.* comfortably warm and cozy; fitting tightly and comfortably; compact and efficient in design

65. The laboratory technician placed the blood samples in the _____ to separate the different components.

- n.* a machine that uses centrifugal force (= a type of inertial force that appears to act on an object moving in a circular path and is directed away from the center) to separate substances of different densities, especially to separate liquids from solids

ANSWERS: 62. methane, 63. poked, 64. snug, 65. centrifuge