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Vocabulary Builder Reference from...

Haaziq Kazi: A 13-year-old's plan for removing plastic from the oceans | TED Talk

https://www.ted.com/talks/haaziq_kazi_a_13_year_of_d_s_plan_for_removing_plastic_from_the_oceans

All Words

IMPORTANT

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Session 1: Word List

id

n. a part of the psyche that represents the unconscious desires and instincts of an individual; in psychoanalytic theory, it is believed to be the most basic and primal part of the human psyche; (also ID, short for identification) a document or card that proves a person's identity, such as a driver's license, passport, or national ID card

synonym : identity, ego, persona

(1) the **id** ego, (2) **ID** card

I forgot my **ID** at home and needed it to enter the club.

integral

adj. necessary to make a whole complete; essential, or fundamental; combining with something else to form a whole; (noun, of mathematics) a fundamental concept in calculus that represents the area under a curve between two points on a graph

synonym : essential, fundamental, indispensable

(1) **integral** function, (2) **integral** component

Effective communication is an **integral** part of any successful team.

inherit

v. to receive money, property, or a title from someone after they have died

synonym : obtain, gain, acquire

(1) **inherit** estate, (2) **inherit** ancestral property
After his death, his sons **inherited** his business.

debt

n. something, especially money, goods, or services owed by one person to another; the state of owing something
synonym: liability, obligation, deficit

(1) **debt** ceiling, (2) corporate **debt**
He became in **debt** after losing his job.

roughly

adv. approximately but not precisely; with a violent manner
synonym: approximately, more or less, around

(1) **roughly** explain my idea, (2) **roughly** speaking
Five miles is **roughly** similar to eight kilometers.

cycle

n. an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
synonym: revolution, rotation, bike

(1) the **cycle** of the seasons, (2) go to the workplace by **cycle**
The food chain causes a material **cycle**.

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.

accord

n. an official agreement or treaty between two organizations, countries, etc.; (verb) allow to have
synonym: alliance, pact, agreement

(1) **accord** with public opinion, (2) binational **accord**
The organization finally signed a peace **accord**.

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.

astound

v. to surprise or shock someone with wonder very much
synonym: amaze, astonish, surprise

(1) **astound** everyone, (2) **astound** the viewer

The final result was nothing short of **astounding**.

lifetime

n. the duration of someone's life or something's existence;
synonym: lifespan, duration

(1) **lifetime** benefits, (2) **lifetime** ban from the sport

She had lived through two world wars in her **lifetime**.

dispose

v. to put things or people in a particular manner or position;
to incline someone towards a specific activity or mood;
throw or cast away

synonym: get rid of, arrange, set

(1) **dispose** battleships for a battle, (2) **dispose** of a used product

Generally speaking, the child is innately **disposed** to learn a language.

consume

v. to spend something, especially fuel, energy, or time, in a large amount

synonym: absorb, ingest, use up

(1) **consume** a large of alcohol, (2) **consume** electricity

A smaller car will **consume** less fuel.

vicious

adj. having or showing a desire to cause harm to others;
having the nature of vice

synonym: malicious, spiteful, malevolent

(1) **vicious** attack, (2) **vicious** deflationary spiral

The **vicious** dog barked and growled at anyone who came near its territory.

karma

n. a concept that originated in Hinduism and Buddhism and referred to the idea that a person's actions in the present moment will affect their future experiences and circumstances

synonym : destiny, fate, providence

(1) bad **karma**, (2) **karma** yoga

Some people believe that if you do good deeds, you will accumulate positive **karma** that will benefit you in the future.

magnitude

n. the extent, level, importance, or amount of something

synonym : size, extent, level

(1) a star of the first **magnitude**, (2) the **magnitude** of the disaster

The **magnitude** of the earthquake was measured at 7.8 on the Richter scale.

inspire

v. to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

synonym : boost, encourage, enlighten

(1) **inspire** a feeling of curiosity, (2) **inspire** him to write a novel

The unique style of this martial arts **inspired** many action film producers.

invention

n. the creation of a new device or process resulting from study and experimentation; the act of inventing

synonym : creation, design, innovation

(1) the **invention** of new techniques, (2) common **invention**

Necessity is the mother of **invention**.

intelligent

adj. having the capacity for thought and reason, especially to a high degree

synonym : brilliant, clever, competent

(1) an **intelligent** person, (2) **intelligent** assisting system

Intelligent robots that can cooperate with humans have limited motor output for safety.

documentary

n. a film or a radio or television program that gives facts and information about a subject; of or derived from official documents

synonym : film, broadcast, doco

(1) a **documentary** film, (2) **documentary** proof

He won an award for that short **documentary**.

slat

n. a narrow, thin strip of wood, metal, or plastic, typically used as part of a larger structure or object

synonym : strip, bar, blade

(1) **slat** of light, (2) wooden **slat**

She opened the **slats** of the blinds to let some sunlight in.

sink

v. to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else

synonym : descend, drop, plummet

(1) **sink** a lot of capital, (2) **sink** a buzzer-beater

The abandoned ship slowly began to **sink** into the murky waters of the harbor.

dirt

n. soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock

synonym : filth, grime, muck

(1) **dirt** road, (2) **dirt** track

The garden was filled with **dirt** and needed to be tilled before planting.

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.

whirlpool

n. a rapidly rotating mass of water or air, especially one in a river or sea, causing a suction or vortex

synonym : maelstrom, vortex, eddy

(1) **whirlpool** effect, (2) **whirlpool** bathtub

The river had several dangerous **whirlpools** that were difficult to navigate.

drain

v. to empty or dry something by removing the liquid from it

synonym : draw off, bleed

(1) **drain** water from the swamp, (2) **drain** excess liquid

Push the button and let the water **drain** away.

rough

adj. not quite exact or correct; having or caused by an irregular surface

synonym : inelegant, coarse, barbarian

(1) **rough** and tough, (2) **rough** estimation

The vehicle bounced along the **rough** mountain road.

circular

adj. shaped like a circle; having a round form

synonym : round, loopy, oblique

(1) **circular** economy, (2) non- **circular** orbit

The **circular** shape of the planet makes it difficult to determine which direction is north.

saucer

n. a small, shallow dish with a slightly raised edge or rim used for holding a cup or as a decorative object; a flying object that is often associated with UFO sightings

synonym : dish, plate, salver

(1) tea **saucer**, (2) flying **saucer**

She sipped her tea from a delicate **saucer**.

attach

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

synonym : fix, fasten, bind

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

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

futurist

n. a person who studies or predicts trends and developments, particularly in science, technology, or social systems, to anticipate what the future may hold

synonym: foreseer, prophet, fortune-teller

(1) **futurist** architecture, (2) **futurist** ideas

The radical **futurist** predicted that virtual reality would become a standard in everyday life.

enterprise

n. a business or company; a purposeful or industrious undertaking, especially one that requires effort

synonym: business, company, industry

(1) undertake an **enterprise**, (2) his business **enterprise**

A growing **enterprise** requires a bold leader.

trek

n. a long and difficult journey, typically on foot

synonym: journey, expedition, hike

(1) horseback **trek**, (2) **trek** expedition

He was preparing for a long **trek** through the mountains.

draft

n. a preliminary version of something that is not yet in its final form

synonym: blueprint, outline, rough drawing

(1) a working **draft**, (2) write the first **draft**

During debates in the legislature, the **draft** of the law caused a lot of controversies.

propeller

n. a device with rotating blades or vanes used for propulsion or creating lift, typically used on boats or aircraft

synonym: prop, rotor, fan

(1) **propeller** design, (2) **propeller** aircraft

The boat's **propeller** stopped working in the middle of the lake.

automated

adj. carried out by machines or computers to replace or decrease human labor

synonym : computerized, mechanical, laborsaving

(1) **automated** manual transmission, (2) **automated** way

The plant will continue operating through an **automated** system 24 hours a day.

vision

n. the ability to think about or see the future with imagination and intelligence; the faculty of being able to see

synonym : sight, image, concept

(1) a prodigious **vision**, (2) telescopic **vision**

Driving is difficult for me because of my poor **vision**.

guzzle

v. to drink something quickly, greedily, and usually in large amounts.

synonym : gobble, carouse, quaff

(1) **guzzle** beer, (2) **guzzle** their food

They **guzzled** the cheap vodka.

innumerable

adj. too many to be counted

synonym : many, infinite, countless

(1) **innumerable** stars, (2) give **innumerable** interviews

We have overcome **innumerable** difficulties since our founding.

exhaustive

adj. comprehensive and thorough; totally complete; leaving no stone unturned

synonym : thorough, complete, comprehensive

(1) **exhaustive** study, (2) **exhaustive** review

The team conducted an **exhaustive** search for the missing hiker, but unfortunately, she was never found.

achieve

v. to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do

synonym : accomplish, attain, reach

(1) **achieve** success, (2) **achieve** milestones

I will work hard to **achieve** my goals and realize my dreams.

analyze

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

synonym: explore, examine, investigate

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

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

disposed

adj. inclined or willing to do something

synonym: prepared, inclined, apt

(1) he is evilly **disposed**, (2) **disposed** of without being eaten

I'm **disposed** to agree with your opinion.

efficient

adj. performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials

synonym: productive, effective, competent

(1) **efficient** operation, (2) energy- **efficient** appliances

The new washing machine is much more **efficient** than the old one.

redesign

v. to design something again, especially in a different or modified form; (noun) the process of designing something again

synonym: revamp, rework, remodel

(1) **redesign** project, (2) **redesign** of lifestyle

The company is planning to **redesign** its website.

hydrodynamics

n. the scientific study of the motion and behavior of fluids, especially liquids, and the forces that act on them

synonym: fluid dynamics, liquid mechanics, hydrology

(1) **hydrodynamics** research, (2) marine **hydrodynamics**

My research involves studying the **hydrodynamics** of submarine canyons.

engineer

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

synonym : architect, creator, builder

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

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

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.

renewable

adj. capable of being renewed, extended, or replaced

synonym : sustainable, replaceable

(1) **renewable** energy, (2) **renewable** subscriptions

The production of **renewable** fuels requires massive volumes of fresh water.

compartment

n. a separate section or part of a larger enclosed space, such as a train carriage or a ship's cabin

synonym : section, part, subdivision

(1) **compartment** door, (2) a watertight **compartment**

The train's **compartment** was small but comfortable.

surrounding

adj. that is near or around, or closely encircling something

synonym : circumferent, encircling, neighboring

(1) **surrounding** areas, (2) a fence **surrounding** a castle

The **surrounding** mountains make the city difficult to be invaded.

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**.

tube

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

synonym: pipe, hose, duct

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

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

chamber

n. a large room used for a formal, public, or particular purpose; one of the parts of a parliament

synonym: association, cabin, legislature

(1) a gas **chamber**, (2) the lower **chamber**

The surgeon made an incision in the **chambers** of the patient's heart.

medium

adj. of a size, amount, or level that is average or intermediate; (noun) a means or instrumentality for storing or communicating information

synonym: average, intermediate, (noun) channel

(1) **medium** color, (2) an advertising **medium**

The **medium** size shirt fits him perfectly.

micro

n. extremely small in scale or scope; one millionth

(1) **micro** bubble, (2) **micro** force sensor

This approach employs both **micro** and macro analysis methods.

gigantic

adj. extremely large

synonym: huge, enormous, immense

(1) **gigantic** proportions, (2) **gigantic** monsters

He was so hungry from the long journey that he had a **gigantic** appetite.

vacuum

n. a space empty of matter; a device or tool used for cleaning or removing debris by creating suction

synonym : void, emptiness, gap

(1) **vacuum** cleaner, (2) **vacuum** packing

Please use the **vacuum** to clean up the mess on the floor.

segregate

v. to separate or set apart from others, often based on race, gender, or some other characteristic

synonym : isolate, separate, divide

(1) **segregate** by race, (2) **segregate** boys and girls

The school board decided to **segregate** students by the ability to meet their needs better.

compact

adj. closely and firmly united or packed together, using very little space; smaller than is usual

synonym : packed, tight, consolidated

(1) a **compact** camera, (2) extremely **compact** device

Two countries acted together as if by **compact**.

pump

v. to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities

synonym : drain, inject, send

(1) **pump** a secret out of success, (2) **pump** blood throughout the body

He was alert and could not **pump** any critical information out of him.

filter

n. any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light

synonym : strainer

(1) gas **filter**, (2) clogged **filter**

Ozone is a primary **filter** to protect Earth's surface from harmful UV rays.

marine

adj. relating to the sea and the creatures and plants that live there

synonym : sea-dwelling, maritime, aquatic

(1) **marine** insurance, (2) variety of **marine** life

Seals and whales are **marine** animals beloved by the people.

process

n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

synonym : procedure, method, system

(1) **process** improvement, (2) decision-making **process**

The **process** for applying for a visa can be lengthy and complicated.

contribution

n. the act of giving something, especially money, to a particular cause or organization; a voluntary gift as of money or service or ideas made to some worthwhile cause

synonym : donation, gift, offering

(1) make a positive **contribution**, (2) **contribution** to society

His **contribution** to the charity was a generous donation of money.

Session 2: Spelling

- | | |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. give inn_____le interviews | <i>adj.</i> too many to be counted |
| 2. a gas ch_____r | <i>n.</i> a large room used for a formal, public, or particular purpose; one of the parts of a parliament |
| 3. p__p blood throughout the body | <i>v.</i> to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities |
| 4. ci_____ar economy | <i>adj.</i> shaped like a circle; having a round form |
| 5. the cy__e of the seasons | <i>n.</i> an interval during which a recurring sequence of events occurs; a bicycle or motorcycle |
| 6. d__t track | <i>n.</i> soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock |
| 7. in_____al component | <i>adj.</i> necessary to make a whole complete; essential, or fundamental; combining with something else to form a whole; (noun, of mathematics) a fundamental concept in calculus that represents the area under a curve between two points on a graph |
| 8. the ma_____de of the disaster | <i>n.</i> the extent, level, importance, or amount of something |

ANSWERS: 1. innumerable, 2. chamber, 3. pump, 4. circular, 5. cycle, 6. dirt, 7. integral, 8. magnitude

9. d__t road *n.* soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock
10. se_____te by race *v.* to separate or set apart from others, often based on race, gender, or some other characteristic
11. an_____e a chemical compound *v.* to think about in-depth and evaluate to discover essential features or meaning
12. write the first dr__t *n.* a preliminary version of something that is not yet in its final form
13. ac_____e milestones *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
14. gu___e beer *v.* to drink something quickly, greedily, and usually in large amounts.
15. ess_____ly correct *adv.* relating to the essential features or concepts of anything
16. in_____t estate *v.* to receive money, property, or a title from someone after they have died
17. become ess_____ly same *adv.* relating to the essential features or concepts of anything
18. variety of ma___e life *adj.* relating to the sea and the creatures and plants that live there
19. a star of the first ma_____de *n.* the extent, level, importance, or amount of something
20. va___m packing *n.* a space empty of matter; a device or tool used for cleaning or removing debris by creating suction

ANSWERS: 9. dirt, 10. segregate, 11. analyze, 12. draft, 13. achieve, 14. guzzle, 15. essentially, 16. inherit, 17. essentially, 18. marine, 19. magnitude, 20. vacuum

21. in_____e him to write a novel *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
22. ac____d with public opinion *n.* an official agreement or treaty between two organizations, countries, etc.; (verb) allow to have
23. li_____me ban from the sport *n.* the duration of someone's life or something's existence;
24. pr_____s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
25. 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
26. en_____er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
27. decision-making pr_____s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

ANSWERS: 21. inspire, 22. accord, 23. lifetime, 24. process, 25. gravity, 26. engineer, 27. process

28. flying sa____r *n.* a small, shallow dish with a slightly raised edge or rim used for holding a cup or as a decorative object; a flying object that is often associated with UFO sightings
29. he is evilly di____ed *adj.* inclined or willing to do something
30. hyd____ics research *n.* the scientific study of the motion and behavior of fluids, especially liquids, and the forces that act on them
31. gu____e their food *v.* to drink something quickly, greedily, and usually in large amounts.
32. p__p a secret out of success *v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities
33. exh____ve review *adj.* comprehensive and thorough; totally complete; leaving no stone unturned
34. a working dr__t *n.* a preliminary version of something that is not yet in its final form
35. 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
36. re____e the cardboard boxes *v.* to sort and collect things to process them and produce valuable materials that can be used again
37. gi____ic monsters *adj.* extremely large

ANSWERS: 28. saucer, 29. disposed, 30. hydrodynamics, 31. guzzle, 32. pump, 33. exhaustive, 34. draft, 35. planet, 36. recycle, 37. gigantic

38. co____e a large of alcohol *v.* to spend something, especially fuel, energy, or time, in a large amount
39. at____h a file to an e-mail *v.* to fasten, join, or connect one thing to another
40. clogged fi____r *n.* any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light
41. undertake an ent____se *n.* a business or company; a purposeful or industrious undertaking, especially one that requires effort
42. as____d the viewer *v.* to surprise or shock someone with wonder very much
43. d__t ceiling *n.* something, especially money, goods, or services owed by one person to another; the state of owing something
44. wh____ol effect *n.* a rapidly rotating mass of water or air, especially one in a river or sea, causing a suction or vortex
45. an int____nt person *adj.* having the capacity for thought and reason, especially to a high degree
46. di____ed of without being eaten *adj.* inclined or willing to do something
47. marine hyd____ics *n.* the scientific study of the motion and behavior of fluids, especially liquids, and the forces that act on them
48. s__t of light *n.* a narrow, thin strip of wood, metal, or plastic, typically used as part of a larger structure or object

ANSWERS: 38. consume, 39. attach, 40. filter, 41. enterprise, 42. astound, 43. debt, 44. whirlpool, 45. intelligent, 46. disposed, 47. hydrodynamics, 48. slat

49. va___m cleaner *n.* a space empty of matter; a device or tool used for cleaning or removing debris by creating suction
50. energy-ef_____nt appliances *adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
51. in_____t ancestral property *v.* to receive money, property, or a title from someone after they have died
52. ID card *n.* a part of the psyche that represents the unconscious desires and instincts of an individual; in psychoanalytic theory, it is believed to be the most basic and primal part of the human psyche; (also ID, short for identification) a document or card that proves a person's identity, such as a driver's license, passport, or national ID card
53. ma___e insurance *adj.* relating to the sea and the creatures and plants that live there
54. as_____d everyone *v.* to surprise or shock someone with wonder very much
55. wooden s__t *n.* a narrow, thin strip of wood, metal, or plastic, typically used as part of a larger structure or object
56. the in_____on of new techniques *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
57. s__k a buzzer-beater *v.* to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else

ANSWERS: 49. vacuum, 50. efficient, 51. inherit, 52. id, 53. marine, 54. astound, 55. slat, 56. invention, 57. sink

58. ac____e success *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
59. dr__n water from the swamp *v.* to empty or dry something by removing the liquid from it
60. a civil en____er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
61. re____le energy *adj.* capable of being renewed, extended, or replaced
62. non-ci____ar orbit *adj.* shaped like a circle; having a round form
63. mi__o bubble *n.* extremely small in scale or scope; one millionth
64. wh____ol bathtub *n.* a rapidly rotating mass of water or air, especially one in a river or sea, causing a suction or vortex
65. fu____st ideas *n.* a person who studies or predicts trends and developments, particularly in science, technology, or social systems, to anticipate what the future may hold
66. con____ion to society *n.* the act of giving something, especially money, to a particular cause or organization; a voluntary gift as of money or service or ideas made to some worthwhile cause
67. telescopic vi____n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see

ANSWERS: 58. achieve, 59. drain, 60. engineer, 61. renewable, 62. circular, 63. micro, 64. whirlpool, 65. futurist, 66. contribution, 67. vision

68. a capillary t__e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
69. re____gn of lifestyle *v.* to design something again, especially in a different or modified form; (noun) the process of designing something again
70. gi____ic proportions *adj.* extremely large
71. in____al function *adj.* necessary to make a whole complete; essential, or fundamental; combining with something else to form a whole; (noun, of mathematics) a fundamental concept in calculus that represents the area under a curve between two points on a graph
72. an____e your real motives *v.* to think about in-depth and evaluate to discover essential features or meaning
73. horseback t__k *n.* a long and difficult journey, typically on foot
74. s__k a lot of capital *v.* to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else
75. re____gn project *v.* to design something again, especially in a different or modified form; (noun) the process of designing something again
76. common in____on *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing

ANSWERS: 68. tube, 69. redesign, 70. gigantic, 71. integral, 72. analyze, 73. trek, 74. sink, 75. redesign, 76. invention

77. the id ego *n.* a part of the psyche that represents the unconscious desires and instincts of an individual; in psychoanalytic theory, it is believed to be the most basic and primal part of the human psyche; (also ID, short for identification) a document or card that proves a person's identity, such as a driver's license, passport, or national ID card
78. int_____nt assisting system *adj.* having the capacity for thought and reason, especially to a high degree
79. au_____ed way *adj.* carried out by machines or computers to replace or decrease human labor
80. an advertising me___m *adj.* of a size, amount, or level that is average or intermediate; (noun) a means or instrumentality for storing or communicating information
81. vi_____s deflationary spiral *adj.* having or showing a desire to cause harm to others; having the nature of vice
82. at___h firmly *v.* to fasten, join, or connect one thing to another
83. a prodigious vi___n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
84. fu_____st architecture *n.* a person who studies or predicts trends and developments, particularly in science, technology, or social systems, to anticipate what the future may hold
85. tea sa___r *n.* a small, shallow dish with a slightly raised edge or rim used for holding a cup or as a decorative object; a flying object that is often associated with UFO sightings

ANSWERS: 77. id, 78. intelligent, 79. automated, 80. medium, 81. vicious, 82. attach, 83. vision, 84. futurist, 85. saucer

86. ro__h estimation *adj.* not quite exact or correct; having or caused by an irregular surface
87. gas fi___r *n.* any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light
88. inn_____le stars *adj.* too many to be counted
89. li_____me benefits *n.* the duration of someone's life or something's existence;
90. exh_____ve study *adj.* comprehensive and thorough; totally complete; leaving no stone unturned
91. ef_____nt operation *adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
92. bad ka__a *n.* a concept that originated in Hinduism and Buddhism and referred to the idea that a person's actions in the present moment will affect their future experiences and circumstances
93. ro__h and tough *adj.* not quite exact or correct; having or caused by an irregular surface
94. in_____e a feeling of curiosity *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
95. re_____le subscriptions *adj.* capable of being renewed, extended, or replaced
96. mi__o force sensor *n.* extremely small in scale or scope; one millionth

ANSWERS: 86. rough, 87. filter, 88. innumerable, 89. lifetime, 90. exhaustive, 91. efficient, 92. karma, 93. rough, 94. inspire, 95. renewable, 96. micro

97. vi____s attack *adj.* having or showing a desire to cause harm to others; having the nature of vice
98. me___m color *adj.* of a size, amount, or level that is average or intermediate; (noun) a means or instrumentality for storing or communicating information
99. co_____e electricity *v.* to spend something, especially fuel, energy, or time, in a large amount
100. se_____te boys and girls *v.* to separate or set apart from others, often based on race, gender, or some other characteristic
101. 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
102. 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
103. t__k expedition *n.* a long and difficult journey, typically on foot
104. di_____e battleships for a battle *v.* to put things or people in a particular manner or position; to incline someone towards a specific activity or mood; throw or cast away
105. pr_____er aircraft *n.* a device with rotating blades or vanes used for propulsion or creating lift, typically used on boats or aircraft

ANSWERS: 97. vicious, 98. medium, 99. consume, 100. segregate, 101. gravity, 102. observe, 103. trek, 104. dispose, 105. propeller

106. 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
107. corporate d__t
n. something, especially money, goods, or services owed by one person to another; the state of owing something
108. dr__n excess liquid
v. to empty or dry something by removing the liquid from it
109. extremely co____t device
adj. closely and firmly united or packed together, using very little space; smaller than is usual
110. doc____ry proof
n. a film or a radio or television program that gives facts and information about a subject; of or derived from official documents
111. a co____t camera
adj. closely and firmly united or packed together, using very little space; smaller than is usual
112. ro____y speaking
adv. approximately but not precisely; with a violent manner
113. make a positive con____ion
n. the act of giving something, especially money, to a particular cause or organization; a voluntary gift as of money or service or ideas made to some worthwhile cause
114. a watertight com____nt
n. a separate section or part of a larger enclosed space, such as a train carriage or a ship's cabin
115. a fence sur____ng a castle
adj. that is near or around, or closely encircling something

ANSWERS: 106. recycle, 107. debt, 108. drain, 109. compact, 110. documentary, 111. compact, 112. roughly, 113. contribution, 114. compartment, 115. surrounding

116. com_____nt door *n.* a separate section or part of a larger enclosed space, such as a train carriage or a ship's cabin
117. binational ac____d *n.* an official agreement or treaty between two organizations, countries, etc.; (verb) allow to have
118. a doc_____ry film *n.* a film or a radio or television program that gives facts and information about a subject; of or derived from official documents
119. his business ent_____se *n.* a business or company; a purposeful or industrious undertaking, especially one that requires effort
120. ka__a yoga *n.* a concept that originated in Hinduism and Buddhism and referred to the idea that a person's actions in the present moment will affect their future experiences and circumstances
121. a glass t__e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
122. 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
123. sur_____ng areas *adj.* that is near or around, or closely encircling something
124. di_____e of a used product *v.* to put things or people in a particular manner or position; to incline someone towards a specific activity or mood; throw or cast away

ANSWERS: 116. compartment, 117. accord, 118. documentary, 119. enterprise, 120. karma, 121. tube, 122. observe, 123. surrounding, 124. dispose

125. pr_____er design *n.* a device with rotating blades or vanes used for propulsion or creating lift, typically used on boats or aircraft
126. ro_____y explain my idea *adv.* approximately but not precisely; with a violent manner
127. go to the workplace by cy__e *n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
128. 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
129. au_____ed manual transmission *adj.* carried out by machines or computers to replace or decrease human labor
130. the lower ch_____r *n.* a large room used for a formal, public, or particular purpose; one of the parts of a parliament

ANSWERS: 125. propeller, 126. roughly, 127. cycle, 128. planet, 129. automated, 130. chamber

Session 3: Fill in the Blanks

1. Generally speaking, the child is innately _____ to learn a language.
 - v. to put things or people in a particular manner or position; to incline someone towards a specific activity or mood; throw or cast away

2. The abandoned ship slowly began to _____ into the murky waters of the harbor.
 - v. to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else

3. Two countries acted together as if by _____.
 - adj. closely and firmly united or packed together, using very little space; smaller than is usual

4. He won an award for that short _____.
 - n. a film or a radio or television program that gives facts and information about a subject; of or derived from official documents

5. The final result was nothing short of _____.
 - v. to surprise or shock someone with wonder very much

6. He was alert and could not _____ any critical information out of him.
 - v. to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities

7. 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: 1. disposed, 2. sink, 3. compact, 4. documentary, 5. astounding, 6. pump, 7. recycle

8. 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
9. The _____ shape of the planet makes it difficult to determine which direction is north.
- adj.* shaped like a circle; having a round form
10. The _____ mountains make the city difficult to be invaded.
- adj.* that is near or around, or closely encircling something
11. The teacher attempted to _____ the root cause of our mistake.
- v.* to think about in-depth and evaluate to discover essential features or meaning
12. _____ robots that can cooperate with humans have limited motor output for safety.
- adj.* having the capacity for thought and reason, especially to a high degree
13. I will work hard to _____ my goals and realize my dreams.
- v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
14. 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
15. She opened the _____ of the blinds to let some sunlight in.
- n.* a narrow, thin strip of wood, metal, or plastic, typically used as part of a larger structure or object

ANSWERS: 8. gravity, 9. circular, 10. surrounding, 11. analyze, 12. Intelligent, 13. achieve, 14. planet, 15. slats

16. During debates in the legislature, the _____ of the law caused a lot of controversies.

n. a preliminary version of something that is not yet in its final form

17. Five miles is _____ similar to eight kilometers.

adv. approximately but not precisely; with a violent manner

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

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

19. The surgeon made an incision in the _____ of the patient's heart.

n. a large room used for a formal, public, or particular purpose; one of the parts of a parliament

20. We have overcome _____ difficulties since our founding.

adj. too many to be counted

21. The garden was filled with _____ and needed to be tilled before planting.

n. soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock

22. The radical _____ predicted that virtual reality would become a standard in everyday life.

n. a person who studies or predicts trends and developments, particularly in science, technology, or social systems, to anticipate what the future may hold

23. He was preparing for a long _____ through the mountains.

n. a long and difficult journey, typically on foot

ANSWERS: 16. draft, 17. roughly, 18. tube, 19. chambers, 20. innumerable, 21. dirt, 22. futurist, 23. trek

24. The _____ dog barked and growled at anyone who came near its territory.
adj. having or showing a desire to cause harm to others; having the nature of vice
25. Some people believe that if you do good deeds, you will accumulate positive _____ that will benefit you in the future.
n. a concept that originated in Hinduism and Buddhism and referred to the idea that a person's actions in the present moment will affect their future experiences and circumstances
26. The _____ size shirt fits him perfectly.
adj. of a size, amount, or level that is average or intermediate; (noun) a means or instrumentality for storing or communicating information
27. The _____ for applying for a visa can be lengthy and complicated.
n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
28. A smaller car will _____ less fuel.
v. to spend something, especially fuel, energy, or time, in a large amount
29. The train's _____ was small but comfortable.
n. a separate section or part of a larger enclosed space, such as a train carriage or a ship's cabin
30. This approach employs both _____ and macro analysis methods.
n. extremely small in scale or scope; one millionth
31. He was so hungry from the long journey that he had a _____ appetite.
adj. extremely large

ANSWERS: 24. vicious, 25. karma, 26. medium, 27. process, 28. consume, 29. compartment, 30. micro, 31. gigantic

32. Seals and whales are _____ animals beloved by the people.

adj. relating to the sea and the creatures and plants that live there

33. Effective communication is an _____ part of any successful team.

adj. necessary to make a whole complete; essential, or fundamental; combining with something else to form a whole; (noun, of mathematics) a fundamental concept in calculus that represents the area under a curve between two points on a graph

34. I'm _____ to agree with your opinion.

adj. inclined or willing to do something

35. The organization finally signed a peace _____.

n. an official agreement or treaty between two organizations, countries, etc.; (verb) allow to have

36. After his death, his sons _____ his business.

v. to receive money, property, or a title from someone after they have died

37. He became in _____ after losing his job.

n. something, especially money, goods, or services owed by one person to another; the state of owing something

38. She had lived through two world wars in her _____.

n. the duration of someone's life or something's existence;

39. The production of _____ fuels requires massive volumes of fresh water.

adj. capable of being renewed, extended, or replaced

ANSWERS: 32. marine, 33. integral, 34. disposed, 35. accord, 36. inherited, 37. debt, 38. lifetime, 39. renewable

40. The school board decided to _____ students by the ability to meet their needs better.
- v.* to separate or set apart from others, often based on race, gender, or some other characteristic
41. The new washing machine is much more _____ than the old one.
- adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
42. The boat's _____ stopped working in the middle of the lake.
- n.* a device with rotating blades or vanes used for propulsion or creating lift, typically used on boats or aircraft
43. The unique style of this martial arts _____ many action film producers.
- v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
44. I forgot my ___ at home and needed it to enter the club.
- n.* a part of the psyche that represents the unconscious desires and instincts of an individual; in psychoanalytic theory, it is believed to be the most basic and primal part of the human psyche; (also ID, short for identification) a document or card that proves a person's identity, such as a driver's license, passport, or national ID card
45. _____ a society is an organism.
- adv.* relating to the essential features or concepts of anything
46. 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

ANSWERS: 40. segregate, 41. efficient, 42. propeller, 43. inspired, 44. ID, 45. Essentially, 46. observe

47. The food chain causes a material _____.
- n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
48. The _____ will repair my telephone tomorrow morning.
- n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
49. The company is planning to _____ its website.
- v.* to design something again, especially in a different or modified form; (noun) the process of designing something again
50. He does not _____ importance to these rumors.
- v.* to fasten, join, or connect one thing to another
51. She sipped her tea from a delicate _____.
- n.* a small, shallow dish with a slightly raised edge or rim used for holding a cup or as a decorative object; a flying object that is often associated with UFO sightings
52. The plant will continue operating through an _____ system 24 hours a day.
- adj.* carried out by machines or computers to replace or decrease human labor
53. His _____ to the charity was a generous donation of money.
- n.* the act of giving something, especially money, to a particular cause or organization; a voluntary gift as of money or service or ideas made to some worthwhile cause
54. My research involves studying the _____ of submarine canyons.
- n.* the scientific study of the motion and behavior of fluids, especially liquids, and the forces that act on them

ANSWERS: 47. cycle, 48. engineer, 49. redesign, 50. attach, 51. saucer, 52. automated, 53. contribution, 54. hydrodynamics

55. The _____ of the earthquake was measured at 7.8 on the Richter scale.
n. the extent, level, importance, or amount of something
56. The vehicle bounced along the _____ mountain road.
adj. not quite exact or correct; having or caused by an irregular surface
57. Necessity is the mother of _____.
n. the creation of a new device or process resulting from study and experimentation; the act of inventing
58. Ozone is a primary _____ to protect Earth's surface from harmful UV rays.
n. any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light
59. They _____ the cheap vodka.
v. to drink something quickly, greedily, and usually in large amounts.
60. Push the button and let the water _____ away.
v. to empty or dry something by removing the liquid from it
61. The river had several dangerous _____ that were difficult to navigate.
n. a rapidly rotating mass of water or air, especially one in a river or sea, causing a suction or vortex
62. Driving is difficult for me because of my poor _____.
n. the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
63. The team conducted an _____ search for the missing hiker, but unfortunately, she was never found.
adj. comprehensive and thorough; totally complete; leaving no stone unturned

ANSWERS: 55. magnitude, 56. rough, 57. invention, 58. filter, 59. guzzled, 60. drain, 61. whirlpools, 62. vision, 63. exhaustive

64. A growing _____ requires a bold leader.

- n.* a business or company; a purposeful or industrious undertaking, especially one that requires effort

65. Please use the _____ to clean up the mess on the floor.

- n.* a space empty of matter; a device or tool used for cleaning or removing debris by creating suction

ANSWERS: 64. enterprise, 65. vacuum