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Vocabulary Builder Reference from...

Nathalie Miebach: Art made of storms | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

interaction

n. the act of connecting with someone, mainly when working, playing, or spending time with them

synonym: dealings, exchange, relations

(1) the **interaction** between man and his environment,

(2) **interaction** among human beings

The **interaction** of the two groups is good for brainstorming.

barometer

n. an instrument that measures atmospheric pressure and is used to predict changes in weather; a measure of the prevailing conditions or trends within a particular situation or environment

synonym: indicator, gauge, measure

(1) economic **barometer**, (2) air pressure **barometer**

The number of patients in the hospital is a useful **barometer** of regional health trends.

temperature

n. the degree of hotness or coldness of a thing or place

synonym: climate, warmth, degree

(1) extreme **temperatures**, (2) the atmospheric **temperature**

Cities around the world set records for highest **temperatures** this summer.

hurricane

n. a violent, tropical, cyclonic storm of the western North Atlantic, having wind speeds of or over 64 knots (74 miles per hour)

synonym : cyclone, typhoon, storm

(1) a **hurricane** of applause, (2) the ravages of a **hurricane**
The devastating **hurricane** caused widespread damage and left many people homeless.

dimension

n. a measurable extent of a particular kind, such as width, height, or length

synonym : extent, measurement, size

(1) new **dimension**, (2) the crosswise **dimension**
Overall **dimensions** are approximately 400x200mm.

graph

n. a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other

synonym : chart, diagram, figure

(1) **graph** theory, (2) a **graph** sample
This bar **graph** shows sales over the past five years.

bead

n. a small, usually round object made of glass, wood, or plastic that is used for decoration or as part of jewelry

synonym : pearl, droplet, marble

(1) a beautiful **bead**, (2) **bead** curtain
She threaded the **beads** onto the string to make a necklace.

represent

v. to speak, act, or be present on behalf of another person or group; to form or constitute

synonym : depict, express, describe

(1) **represent** by a diagram, (2) the characters that **represent** numbers
We elected him to **represent** us at the international conference.

fascinating

adj. extremely interesting

synonym : alluring, intriguing, captivating

(1) **fascinating** story, (2) completely **fascinating** to me
The museum houses a **fascinating** collection of Celtic artifacts.

amalgam

n. an alloy of mercury with another metal, used especially to fill holes in teeth; a mixture or combination of diverse things

synonym: mixture, alloy, admixture

(1) **amalgam** alloy, (2) an **amalgam** of hope and fear
His theory is an **amalgam** of earlier ideas.

inherent

adj. existing in something as a permanent, essential, or characteristic attribute

synonym: intrinsic, natural, innate

(1) **inherent** risk, (2) have an **inherent** dislike
Honesty is an **inherent** quality that everyone should strive to possess.

invisible

adj. impossible or nearly impossible to see

synonym: hidden, imperceptible, unseen

(1) an **invisible** asset, (2) **invisible** stars
The phenomenon is **invisible** at optical wavelengths.

sculpture

n. the art of creating three-dimensional objects or forms, typically by carving, modeling, or casting in a variety of materials such as stone, wood, metal, or clay

synonym: statuary, carving, modeling

(1) create **sculpture**, (2) abstract **sculpture**
The ancient Greek **sculptures** are known for their realism and attention to detail.

visible

adj. capable of being seen; or open to easy view

synonym: clear, observable, seeable

(1) **visible** stars, (2) **visible** by X-ray
My home is easily **visible** from the shore.

tactile

adj. relating to the sense of touch; tangible or perceptible through the sense of touch

synonym : touchable, tangible, palpable

(1) **tactile** stimulation, (2) **tactile** feedback

The **tactile** sensation of the fabric was soft and smooth to the touch.

audible

adj. able to be heard; loud enough to be heard clearly

synonym : hearable, perceptible, loud enough

(1) **audible** sound, (2) **audible** words

An **audible** sigh from the back of the room broke the silence.

extract

n. a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force

synonym : excerpt, quote, distillation

(1) a brief **extract** from the book, (2) botanical **extract**

Anesthetize the gum before **extracting** the teeth.

specific

adj. clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

synonym : particular, definite, distinct

(1) **specific** instructions, (2) industry- **specific** regulations

The scientist conducted a study that provided **specific** details about the species' behavior.

environment

n. the natural world such as air, water, and land in which humans, animals, and plants live

synonym : atmosphere, surroundings, climate

(1) **environment** affairs, (2) chaotic **environment**

Every human is responsible for taking care of the Earth's **environment**.

technological

adj. based on scientific and industrial progress

synonym : specialized, technical

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

Technological advances have disrupted many industries.

device

n. a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

synonym : gadget, instrument, tool

(1) electronic **device**, (2) tracking **device**

I always carry a backup **device** in case my phone runs out of battery.

hardware

n. durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems

synonym : gear, apparatus, gadget

(1) the **hardware** department, (2) a vast inventory of **hardware**

The mouse and keyboard are essential **hardware** for operating a PC.

satellite

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

synonym : orbiter, asteroid, moon

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

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

offshore

adj. situated at or happening in the sea, not far from the shore or land; (of winds) coming from the land

synonym : seaward, alongshore

(1) an **offshore** oil field, (2) an **offshore** fund

The company undertakes **offshore** development for software companies in many countries.

buoy

n. a floating device typically used to mark a location in a body of water, often used as a navigational aid; a source

of support or encouragement

synonym : float, marker, beacon

(1) navigation **buoy**, (2) a mooring **buoy**

A red and white striped **buoy** marked the edge of the shipping lane.

historic

adj. famous or significant in history, or potentially so

synonym : memorable, momentous, historical

(1) **historic** accomplishment, (2) achieve the **historic** feat

The Chinese people have accomplished several **historic** feats.

compile

v. to create a book, a list, a report, etc., by combining various objects, articles, music, etc.

synonym : assemble, collect, gather

(1) **compile** a biography, (2) **compile** the data

We are attempting to **compile** a list of qualified candidates for the position.

clipboard

n. a flat, rigid board with a clip at the top used to hold papers, documents, or forms in place

synonym : notepad, writing board, memo pad

(1) **clipboard** with a pen, (2) write on a **clipboard**

The nurse carried a **clipboard** with the patient's medical information.

variable

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

synonym : erratic, inconsistent, irregular

(1) a **variable** species, (2) a dependent **variable**

Rainfall in the tropics is highly **variable**.

translate

v. to convert or change words into another language

synonym : convert, transcribe, render

(1) **translate** a document into English, (2) **translate** the

emotion to a movement

Translate the text from Italian into English.

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.

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.

horizontal

adj. parallel to the ground or in a baseline; being at the same level as all members of a group

synonym : even, lying, parallel

(1) **horizontal** lines, (2) **horizontal** stripes

Airplanes need **horizontal** tails to improve stability.

vertical

adj. upright or perpendicular to a horizontal surface or line

synonym : perpendicular, upright, plumb

(1) **vertical** takeoff, (2) **vertical** axis

The ladder leaned against the **vertical** surface of the building.

assign

v. to give a specific job or piece of work to a someone

synonym : entrust, delegate, designate

(1) **assign** projects, (2) **assign** top priority

Please **assign** a different color to each other kind of item.

string

n. long, thin material used for tying things together, composed of several twisted threads

synonym : line, wire, rope

(1) retie the **string** and make it strong, (2) tense piano **strings**

She wore a **string** of pearls around her neck.

construct

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

synonym : build, assemble, create

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

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

rev

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

synonym : revolution, RPM, speed

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

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

relation

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

synonym : association, linkage, connection

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

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

timeline

n. a series of events arranged in chronological order and displayed along a line, usually drawn left to right or top to bottom

synonym : agenda, timetable, chronology

(1) **timeline** of science history, (2) lay out a **timeline**

He imposed a **timeline** on the project.

- grid** *n.* a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region
synonym : gridiron, battery grid, power system
(1) a **grid** design, (2) a wire **grid**
Grid pattern roads often appear in urban areas.
- weave** *v.* to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them
synonym : braid, unite, contrive
(1) **weave** on a loom, (2) **weave** a story
The girl **weaves** a garland for her friend.
- tide** *n.* the cyclical rise and fall of sea level caused by the moon's gravitational pull
synonym : ripple, surge, swell
(1) **tide** cycle, (2) ride the **tide** of change
Red **tide** is often harmful to the local ecosystem.
- phase** *n.* any stage in a series of events, change, or development
synonym : degree, stage, step
(1) enter on the last **phase**, (2) two- **phase** structure
The era of the industrial revolution was a crucial **phase** of history.
- nuanced** *adj.* characterized by subtle differences in appearance, meaning, sound, etc.
synonym : fine, subtle, slight
(1) **nuanced** view, (2) the common but **nuanced** opinion
The sommelier can distinguish **nuanced** variance in the flavor of the wine.
- compromise** *v.* to settle a problem or disagreement by mutual concession
synonym : agree, settle, negotiate
(1) **compromise** the matter, (2) cannot **compromise**

anymore

They never **compromised** on development despite the lack of funds.

dot

n. a very small circular mark, especially one that is printed
synonym: drop, dab, fleck

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

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

collaborate

v. to work with someone else to produce or achieve something

synonym: cooperate, unite, get together

(1) **collaborate** with the police, (2) **collaborate** on a press release

She agreed to **collaborate** with him in creating new artwork.

trio

n. a group or set of three people or things, especially musicians playing together

synonym: set, group, threesome

(1) **trio** sonata, (2) jazz **trio**

The piano, violin, and cello formed a beautiful **trio** for the classical concert.

blueprint

n. a photographic print of an early plan for a building or machine

synonym: draft, prototype, sketch

(1) **blueprint** for economic reform, (2) architect's **blueprint**

A business plan is a **blueprint** for your success.

sculptural

adj. relating to or resembling sculpture (= a three-dimensional work of art); having a three-dimensional quality or appearance

synonym: sculpted, carved, modeled

(1) **sculptural** masterpiece, (2) **sculptural** design

The **sculptural** details on the building's facade were simply stunning.

function

n. the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

synonym : purpose, mapping, job

(1) **function** properly, (2) immune **function**

The brain is an incredibly complex organ that controls the body's **function**.

visualize

v. to form a mental image or concept of something; to make something visible

synonym : imagine, picture, envision

(1) **visualize** data, (2) **visualize** flying through space

She tried to **visualize** the layout of the new house in her mind.

embed

v. to fix or set firmly in a surrounding mass

synonym : entrench, fix, set

(1) **embed** scripts in the message, (2) **embed** a sensor

The company **embedded** a tracking code in the product's packaging to monitor its shipment.

visual

adj. relating to seeing or sight

synonym : optical, graphical, visible

(1) **visual** navigation, (2) field of **visual** arts

The building makes a remarkable **visual** impact.

matrix

n. a rectangular array of numbers, symbols, or expressions, arranged in rows and columns and often enclosed in brackets; an enclosure within which something originates or develops

synonym : grid, cast, table

(1) the **matrix** of Western civilization, (2) **matrix** multiplication

The **matrix** of numbers on the spreadsheet allowed the

accountant to track the company's profits and losses easily.

assume

v. to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance

synonym: guess, presume, suppose

(1) **assume** a lousy attitude to his boss, (2) **assume** an important role

The following example **assumes** that the capacity of each battery is the same.

vocabulary

n. the words used by a language, group, or individual; the knowledge and understanding of words and their meanings that a person possesses

synonym: lexicon, glossary, dictionary

(1) **vocabulary** list, (2) academic **vocabulary**

Using proper **vocabulary** is essential for writing a good essay.

belong

v. to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place

synonym: fit, be appropriate, be suitable

(1) **belong** to different species, (2) **belong** to a group

All the books in this section **belong** to the library's rare collection and must be handled carefully.

alternative

n. one of two or more available possibilities or choice

synonym: choice, option

(1) an **alternative** plan, (2) there is no other **alternative**

Doctors are gradually coming around to the idea of using **alternative** medicines.

complexity

n. the state or quality of being complicated or intricate and difficult to understand

synonym: intricacy, sophistication, elaboration

(1) cognitive **complexity**, (2) **complexity** theory

The project's **complexity** made it difficult for the team to complete it on time.

ph

n. a measure of the acidity or alkalinity of a substance, on a scale of 0 to 14, with seven being neutral, lower values indicating greater acidity, and higher values indicating greater alkalinity

synonym: acidity, alkalinity, balance

(1) **pH** value of seven, (2) **ph** scale

The **ph** level of this soil is too acidic for these types of plants.

Session 2: Spelling

1. nu____d view *adj.* characterized by subtle differences in appearance, meaning, sound, etc.
2. the crosswise di_____on *n.* a measurable extent of a particular kind, such as width, height, or length
3. an alt_____ve plan *n.* one of two or more available possibilities or choice
4. a dependent va_____le *adj.* likely to change or vary often; (noun) a symbol, like x or y, that is used in mathematical or logical expressions to represent a value that may be changed
5. the characters that re_____nt numbers *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
6. jazz t__o *n.* a group or set of three people or things, especially musicians playing together
7. in_____le stars *adj.* impossible or nearly impossible to see
8. bl_____nt for economic reform *n.* a photographic print of an early plan for a building or machine
9. t__e cycle *n.* the cyclical rise and fall of sea level caused by the moon's gravitational pull
10. create sc_____re *n.* the art of creating three-dimensional objects or forms, typically by carving, modeling, or casting in a variety of materials such as stone, wood, metal, or clay
11. hor_____al stripes *adj.* parallel to the ground or in a baseline; being at the same level as all members of a group

ANSWERS: 1. nuanced, 2. dimension, 3. alternative, 4. variable, 5. represent, 6. trio, 7. invisible, 8. blueprint, 9. tide, 10. sculpture, 11. horizontal

12. 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
13. as___e a lousy attitude to his boss *v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
14. fas_____ng story *adj.* extremely interesting
15. 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
16. the int_____on between man and his environment *n.* the act of connecting with someone, mainly when working, playing, or spending time with them
17. a gr__h sample *n.* a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other
18. as___n top priority *v.* to give a specific job or piece of work to a someone
19. ve_____al axis *adj.* upright or perpendicular to a horizontal surface or line
20. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live

ANSWERS: 12. medium, 13. assume, 14. fascinating, 15. process, 16. interaction, 17. graph, 18. assign, 19. vertical, 20. environment

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| 21. ve_____al takeoff | <i>adj.</i> upright or perpendicular to a horizontal surface or line |
| 22. retie the st____g and make it strong | <i>n.</i> long, thin material used for tying things together, composed of several twisted threads |
| 23. ti_____ne of science history | <i>n.</i> a series of events arranged in chronological order and displayed along a line, usually drawn left to right or top to bottom |
| 24. com_____se the matter | <i>v.</i> to settle a problem or disagreement by mutual concession |
| 25. vi_____ze flying through space | <i>v.</i> to form a mental image or concept of something; to make something visible |
| 26. scu_____al masterpiece | <i>adj.</i> relating to or resembling sculpture (= a three-dimensional work of art); having a three-dimensional quality or appearance |
| 27. tr_____te the emotion to a movement | <i>v.</i> to convert or change words into another language |
| 28. the atmospheric tem_____re | <i>n.</i> the degree of hotness or coldness of a thing or place |
| 29. the ravages of a hu_____ne | <i>n.</i> a violent, tropical, cyclonic storm of the western North Atlantic, having wind speeds of or over 64 knots (74 miles per hour) |
| 30. gr__h theory | <i>n.</i> a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other |

ANSWERS: 21. vertical, 22. string, 23. timeline, 24. compromise, 25. visualize, 26. sculptural, 27. translate, 28. temperature, 29. hurricane, 30. graph

31. co_____ct a 3D image
v. to build or create something; to assemble or combine different parts to form something whole
32. lay out a ti_____ne
n. a series of events arranged in chronological order and displayed along a line, usually drawn left to right or top to bottom
33. scu_____al design
adj. relating to or resembling sculpture (= a three-dimensional work of art); having a three-dimensional quality or appearance
34. re_____nt by a diagram
v. to speak, act, or be present on behalf of another person or group; to form or constitute
35. vi_____e stars
adj. capable of being seen; or open to easy view
36. ta_____e stimulation
adj. relating to the sense of touch; tangible or perceptible through the sense of touch
37. completely fas_____ng to me
adj. extremely interesting
38. re_____on of inclusion
n. the way two persons or groups of people feel and act toward one another
39. as___e an important role
v. to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
40. sp_____ic instructions
adj. clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

ANSWERS: 31. construct, 32. timeline, 33. sculptural, 34. represent, 35. visible, 36. tactile, 37. fascinating, 38. relation, 39. assume, 40. specific

41. there is no other alt_____ve *n.* one of two or more available possibilities or choice
42. architect's bl_____nt *n.* a photographic print of an early plan for a building or machine
43. int_____on among human beings *n.* the act of connecting with someone, mainly when working, playing, or spending time with them
44. botanical ex_____t *n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force
45. air pressure ba_____er *n.* an instrument that measures atmospheric pressure and is used to predict changes in weather; a measure of the prevailing conditions or trends within a particular situation or environment
46. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
47. tense piano st_____gs *n.* long, thin material used for tying things together, composed of several twisted threads
48. em__d scripts in the message *v.* to fix or set firmly in a surrounding mass
49. tec_____cal advancement *adj.* based on scientific and industrial progress
50. field of vi___l arts *adj.* relating to seeing or sight

ANSWERS: 41. alternative, 42. blueprint, 43. interaction, 44. extract, 45. barometer, 46. complexity, 47. string, 48. embed, 49. technological, 50. visual

51. 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
52. navigation b__y *n.* a floating device typically used to mark a location in a body of water, often used as a navigational aid; a source of support or encouragement
53. electronic de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
54. academic voc_____ry *n.* the words used by a language, group, or individual; the knowledge and understanding of words and their meanings that a person possesses
55. vi___l navigation *adj.* relating to seeing or sight
56. co_____ct a dam *v.* to build or create something; to assemble or combine different parts to form something whole
57. two-ph__e structure *n.* any stage in a series of events, change, or development
58. r_v up the crowd *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
59. an of_____re fund *adj.* situated at or happening in the sea, not far from the shore or land; (of winds) coming from the land

ANSWERS: 51. medium, 52. buoy, 53. device, 54. vocabulary, 55. visual, 56. construct, 57. phase, 58. rev, 59. offshore

60. have an in_____nt dislike *adj.* existing in something as a permanent, essential, or characteristic attribute
61. fu_____on properly *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
62. a wire g__d *n.* a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region
63. immune fu_____on *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
64. a meteorological sa_____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
65. co_____e a biography *v.* to create a book, a list, a report, etc., by combining various objects, articles, music, etc.

ANSWERS: 60. inherent, 61. function, 62. grid, 63. function, 64. satellite, 65. compile

66. col_____te on a press release *v.* to work with someone else to produce or achieve something
67. an am_____m of hope and fear *n.* an alloy of mercury with another metal, used especially to fill holes in teeth; a mixture or combination of diverse things
68. voc_____ry list *n.* the words used by a language, group, or individual; the knowledge and understanding of words and their meanings that a person possesses
69. re_____on between cause and effect *n.* the way two persons or groups of people feel and act toward one another
70. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
71. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
72. in_____nt risk *adj.* existing in something as a permanent, essential, or characteristic attribute
73. pH value of seven *n.* a measure of the acidity or alkalinity of a substance, on a scale of 0 to 14, with seven being neutral, lower values indicating greater acidity, and higher values indicating greater alkalinity
74. a GPS sa_____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
75. an in_____le asset *adj.* impossible or nearly impossible to see

ANSWERS: 66. collaborate, 67. amalgam, 68. vocabulary, 69. relation, 70. environment, 71. complexity, 72. inherent, 73. ph, 74. satellite, 75. invisible

76. industry-sp____ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
77. a hu_____ne of applause *n.* a violent, tropical, cyclonic storm of the western North Atlantic, having wind speeds of or over 64 knots (74 miles per hour)
78. extreme tem_____res *n.* the degree of hotness or coldness of a thing or place
79. we__e a story *v.* to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them
80. ride the t__e of change *n.* the cyclical rise and fall of sea level caused by the moon's gravitational pull
81. be____g to different species *v.* to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place
82. cannot com_____se anymore *v.* to settle a problem or disagreement by mutual concession
83. a vast inventory of ha_____re *n.* durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems
84. a g__d design *n.* a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region

ANSWERS: 76. specific, 77. hurricane, 78. temperature, 79. weave, 80. tide, 81. belong, 82. compromise, 83. hardware, 84. grid

85. low-r_v engine *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
86. an of ____re oil field *adj.* situated at or happening in the sea, not far from the shore or land; (of winds) coming from the land
87. am ____m alloy *n.* an alloy of mercury with another metal, used especially to fill holes in teeth; a mixture or combination of diverse things
88. hor _____al lines *adj.* parallel to the ground or in a baseline; being at the same level as all members of a group
89. b __d curtain *n.* a small, usually round object made of glass, wood, or plastic that is used for decoration or as part of jewelry
90. abstract sc _____re *n.* the art of creating three-dimensional objects or forms, typically by carving, modeling, or casting in a variety of materials such as stone, wood, metal, or clay
91. em __d a sensor *v.* to fix or set firmly in a surrounding mass
92. au _____e sound *adj.* able to be heard; loud enough to be heard clearly
93. a brief ex _____t from the book *n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force

ANSWERS: 85. rev, 86. offshore, 87. amalgam, 88. horizontal, 89. bead, 90. sculpture, 91. embed, 92. audible, 93. extract

94. the common but nu____d opinion *adj.* characterized by subtle differences in appearance, meaning, sound, etc.
95. a mooring b__y *n.* a floating device typically used to mark a location in a body of water, often used as a navigational aid; a source of support or encouragement
96. col____te with the police *v.* to work with someone else to produce or achieve something
97. hi____ic accomplishment *adj.* famous or significant in history, or potentially so
98. the ha____re department *n.* durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems
99. economic ba____er *n.* an instrument that measures atmospheric pressure and is used to predict changes in weather; a measure of the prevailing conditions or trends within a particular situation or environment
100. vi____ze data *v.* to form a mental image or concept of something; to make something visible
101. ph scale *n.* a measure of the acidity or alkalinity of a substance, on a scale of 0 to 14, with seven being neutral, lower values indicating greater acidity, and higher values indicating greater alkalinity
102. d_t blot method *n.* a very small circular mark, especially one that is printed

ANSWERS: 94. nuanced, 95. buoy, 96. collaborate, 97. historic, 98. hardware, 99. barometer, 100. visualize, 101. ph, 102. dot

103. write on a cl_____rd *n.* a flat, rigid board with a clip at the top used to hold papers, documents, or forms in place
104. a va_____le species *adj.* likely to change or vary often; (noun) a symbol, like x or y, that is used in mathematical or logical expressions to represent a value that may be changed
105. we__e on a loom *v.* to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them
106. co_____e the data *v.* to create a book, a list, a report, etc., by combining various objects, articles, music, etc.
107. cl_____rd with a pen *n.* a flat, rigid board with a clip at the top used to hold papers, documents, or forms in place
108. connecting the d_ts *n.* a very small circular mark, especially one that is printed
109. new di_____on *n.* a measurable extent of a particular kind, such as width, height, or length
110. a beautiful b__d *n.* a small, usually round object made of glass, wood, or plastic that is used for decoration or as part of jewelry
111. the ma___x of Western civilization *n.* a rectangular array of numbers, symbols, or expressions, arranged in rows and columns and often enclosed in brackets; an enclosure within which something originates or develops

ANSWERS: 103. clipboard, 104. variable, 105. weave, 106. compile, 107. clipboard, 108. dot, 109. dimension, 110. bead, 111. matrix

112. au_____e words *adj.* able to be heard; loud enough to be heard clearly
113. achieve the hi_____ic feat *adj.* famous or significant in history, or potentially so
114. ta_____e feedback *adj.* relating to the sense of touch; tangible or perceptible through the sense of touch
115. t__o sonata *n.* a group or set of three people or things, especially musicians playing together
116. vi_____e by X-ray *adj.* capable of being seen; or open to easy view
117. as_____n projects *v.* to give a specific job or piece of work to a someone
118. ma____x multiplication *n.* a rectangular array of numbers, symbols, or expressions, arranged in rows and columns and often enclosed in brackets; an enclosure within which something originates or develops
119. tec_____cal policy *adj.* based on scientific and industrial progress
120. be_____g to a group *v.* to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place
121. tr_____te a document into English *v.* to convert or change words into another language
122. enter on the last ph__e *n.* any stage in a series of events, change, or development
123. 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

ANSWERS: 112. audible, 113. historic, 114. tactile, 115. trio, 116. visible, 117. assign, 118. matrix, 119. technological, 120. belong, 121. translate, 122. phase, 123. process

124. tracking de___e

n. a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

ANSWERS: 124. device

Session 3: Fill in the Blanks

1. The girl _____ a garland for her friend.
v. to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them
2. Using proper _____ is essential for writing a good essay.
n. the words used by a language, group, or individual; the knowledge and understanding of words and their meanings that a person possesses
3. Honesty is an _____ quality that everyone should strive to possess.
adj. existing in something as a permanent, essential, or characteristic attribute
4. The ___ level of this soil is too acidic for these types of plants.
n. a measure of the acidity or alkalinity of a substance, on a scale of 0 to 14, with seven being neutral, lower values indicating greater acidity, and higher values indicating greater alkalinity
5. The museum houses a _____ collection of Celtic artifacts.
adj. extremely interesting
6. Cities around the world set records for highest _____ this summer.
n. the degree of hotness or coldness of a thing or place
7. Rainfall in the tropics is highly _____.
adj. likely to change or vary often; (noun) a symbol, like x or y, that is used in mathematical or logical expressions to represent a value that may be changed
8. The phenomenon is _____ at optical wavelengths.
adj. impossible or nearly impossible to see

ANSWERS: 1. weaves, 2. vocabulary, 3. inherent, 4. ph, 5. fascinating, 6. temperatures, 7. variable, 8. invisible

9. The project's _____ made it difficult for the team to complete it on time.
n. the state or quality of being complicated or intricate and difficult to understand
10. The number of patients in the hospital is a useful _____ of regional health trends.
n. an instrument that measures atmospheric pressure and is used to predict changes in weather; a measure of the prevailing conditions or trends within a particular situation or environment
11. A red and white striped _____ marked the edge of the shipping lane.
n. a floating device typically used to mark a location in a body of water, often used as a navigational aid; a source of support or encouragement
12. Red _____ is often harmful to the local ecosystem.
n. the cyclical rise and fall of sea level caused by the moon's gravitational pull
13. She agreed to _____ with him in creating new artwork.
v. to work with someone else to produce or achieve something
14. The brain is an incredibly complex organ that controls the body's _____.
n. the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
15. Please _____ a different color to each other kind of item.
v. to give a specific job or piece of work to a someone
16. The nurse carried a _____ with the patient's medical information.
n. a flat, rigid board with a clip at the top used to hold papers, documents, or forms in place

ANSWERS: 9. complexity, 10. barometer, 11. buoy, 12. tide, 13. collaborate, 14. function, 15. assign, 16. clipboard

17. The Chinese people have accomplished several _____ feats.

adj. famous or significant in history, or potentially so

18. 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

19. He _____ hypotheses that no mathematician has ever imagined before.

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

20. A business plan is a _____ for your success.

n. a photographic print of an early plan for a building or machine

21. _____ pattern roads often appear in urban areas.

n. a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region

22. Anesthetize the gum before _____ the teeth.

n. a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force

23. The company undertakes _____ development for software companies in many countries.

adj. situated at or happening in the sea, not far from the shore or land; (of winds) coming from the land

24. The _____ of numbers on the spreadsheet allowed the accountant to track the company's profits and losses easily.

n. a rectangular array of numbers, symbols, or expressions, arranged in rows and columns and often enclosed in brackets; an enclosure within which something originates or develops

ANSWERS: 17. historic, 18. medium, 19. constructs, 20. blueprint, 21. Grid, 22. extracting, 23. offshore, 24. matrix

25. The ancient Greek _____ are known for their realism and attention to detail.
- n.* the art of creating three-dimensional objects or forms, typically by carving, modeling, or casting in a variety of materials such as stone, wood, metal, or clay
26. The industrial _____ laws were passed with little to no alteration.
- n.* the way two persons or groups of people feel and act toward one another
27. Every human is responsible for taking care of the Earth's _____.
- n.* the natural world such as air, water, and land in which humans, animals, and plants live
28. The following example _____ that the capacity of each battery is the same.
- v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
29. The _____ details on the building's facade were simply stunning.
- adj.* relating to or resembling sculpture (= a three-dimensional work of art); having a three-dimensional quality or appearance
30. The devastating _____ caused widespread damage and left many people homeless.
- n.* a violent, tropical, cyclonic storm of the western North Atlantic, having wind speeds of or over 64 knots (74 miles per hour)
31. She threaded the _____ onto the string to make a necklace.
- n.* a small, usually round object made of glass, wood, or plastic that is used for decoration or as part of jewelry

ANSWERS: 25. sculptures, 26. relations, 27. environment, 28. assumes, 29. sculptural, 30. hurricane, 31. beads

32. The scientist conducted a study that provided _____ details about the species' behavior.

adj. clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

33. The mouse and keyboard are essential _____ for operating a PC.

n. durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems

34. Airplanes need _____ tails to improve stability.

adj. parallel to the ground or in a baseline; being at the same level as all members of a group

35. 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

36. This bar _____ shows sales over the past five years.

n. a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other

37. The piano, violin, and cello formed a beautiful _____ for the classical concert.

n. a group or set of three people or things, especially musicians playing together

38. An _____ sigh from the back of the room broke the silence.

adj. able to be heard; loud enough to be heard clearly

39. The _____ sensation of the fabric was soft and smooth to the touch.

adj. relating to the sense of touch; tangible or perceptible through the sense of touch

ANSWERS: 32. specific, 33. hardware, 34. horizontal, 35. process, 36. graph, 37. trio, 38. audible, 39. tactile

40. The _____ of the two groups is good for brainstorming.
- n.* the act of connecting with someone, mainly when working, playing, or spending time with them
41. He stepped on the gas pedal, and the engine released a loud ____.
- n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
42. His theory is an _____ of earlier ideas.
- n.* an alloy of mercury with another metal, used especially to fill holes in teeth; a mixture or combination of diverse things
43. He imposed a _____ on the project.
- n.* a series of events arranged in chronological order and displayed along a line, usually drawn left to right or top to bottom
44. We elected him to _____ us at the international conference.
- v.* to speak, act, or be present on behalf of another person or group; to form or constitute
45. Overall _____ are approximately 400x200mm.
- n.* a measurable extent of a particular kind, such as width, height, or length
46. She wore a _____ of pearls around her neck.
- n.* long, thin material used for tying things together, composed of several twisted threads
47. She tried to _____ the layout of the new house in her mind.
- v.* to form a mental image or concept of something; to make something visible

ANSWERS: 40. interaction, 41. rev, 42. amalgam, 43. timeline, 44. represent, 45. dimensions, 46. string, 47. visualize

48. The company _____ a tracking code in the product's packaging to monitor its shipment.

v. to fix or set firmly in a surrounding mass

49. _____ advances have disrupted many industries.

adj. based on scientific and industrial progress

50. They never _____ on development despite the lack of funds.

v. to settle a problem or disagreement by mutual concession

51. The sommelier can distinguish _____ variance in the flavor of the wine.

adj. characterized by subtle differences in appearance, meaning, sound, etc.

52. _____ the text from Italian into English.

v. to convert or change words into another language

53. The wallpaper had a pattern of pink _____ on a white surface.

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

54. We are attempting to _____ a list of qualified candidates for the position.

v. to create a book, a list, a report, etc., by combining various objects, articles, music, etc.

55. Doctors are gradually coming around to the idea of using _____ medicines.

n. one of two or more available possibilities or choice

56. I always carry a backup _____ in case my phone runs out of battery.

n. a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

ANSWERS: 48. embedded, 49. Technological, 50. compromised, 51. nuanced, 52. Translate, 53. dots, 54. compile, 55. alternative, 56. device

57. My home is easily _____ from the shore.

adj. capable of being seen; or open to easy view

58. The ladder leaned against the _____ surface of the building.

adj. upright or perpendicular to a horizontal surface or line

59. Launching an artificial _____ contributed to the technological development of our country.

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

60. The era of the industrial revolution was a crucial _____ of history.

n. any stage in a series of events, change, or development

61. All the books in this section _____ to the library's rare collection and must be handled carefully.

v. to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place

62. The building makes a remarkable _____ impact.

adj. relating to seeing or sight

ANSWERS: 57. visible, 58. vertical, 59. satellite, 60. phase, 61. belong, 62. visual