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Vocabulary Builder Reference from...

Terry Moore: A mysterious design that appears across millennia | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

physics

n. the science of matter and energy and their interactions
(1) nuclear **physics**, (2) laws of **physics**
He studied the **physics** of radiation.

reconcile

v. to find a way of dealing with two or more ideas, needs, etc. that are opposed to each other to agree and coexist
synonym: harmonize, moderate, conciliate
(1) **reconcile** these differences, (2) **reconcile** a dispute
Sometimes it is challenging to **reconcile** science and religion.

relative

adj. considered and evaluated through comparison with something else
synonym: comparative, proximate, congeneric
(1) a remote **relative**, (2) **relative** factors
Most countries prohibit sexual activity between certain close **relatives**.

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.

mathematics

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

synonym: arithmetic, calculation, calculus

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

He has a flair for **mathematics**.

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.

remarkable

adj. worthy of attention because unusual or special

synonym: outstanding, exceptional, extraordinary

(1) **remarkable** achievement, (2) the **remarkable** breadth of knowledge

The election was a **remarkable** success for the Whigs.

develop

v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

synonym: evolve, progress, advance

(1) **develop** a strategy, (2) **develop** a skill

We must **develop** a new system to streamline our workflow and increase efficiency.

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.

expand

v. to increase or to make something greater in size, number, or importance

synonym: extend, grow, boost

(1) **expand** a lineup, (2) **expand** agricultural output

They hope to **expand** their business worldwide.

infinite

adj. unlimited or very great; impossible to measure

synonym: boundless, countless, limitless

(1) **infinite** appetite, (2) **infinite** in supply

The battle had an **infinite** impact on the nation.

pi

n. a mathematical constant that is the ratio of a circle's circumference to its diameter, approximately equal to 3.14159

(1) the mathematical constant **pi**, (2) number **pi**

He can recite **pi** to 1000 digits.

decimal

adj. based on or counted in the number 10

synonym: base-10, denary, ten-based

(1) **decimal** system, (2) an infinite **decimal**

The **decimal** point separates the whole number from the fractional part.

random

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

synonym: incidental, arbitrary, unanticipated

(1) a **random** choice, (2) bombs fell at **random**

To find drunk drivers, police conduct **random** tests.

property

n. a thing or things that belong to someone

synonym: belongings, possessions, equity

(1) a man of **property**, (2) chemical **property**

He stood to inherit a million-dollar **property**.

aperiodic

adj. lacking a regular or predictable pattern; not occurring at regular intervals

synonym: non-periodic, irregular, sporadic

(1) **aperiodic** pattern, (2) **aperiodic** signal

The **aperiodic** fluctuations in the stock market made it difficult for investors to predict trends.

peter

v. to fail or lose power, efficiency, or value gradually before coming to an end

synonym: decrease, drop, lower

(1) eventually **peter** out, (2) begin to **peter** out

The music just **petered** out.

graduate

n. a person who has a first degree from university or college; (verb) to complete the first course of university or college and get a degree

synonym: alumna, alum, grad

(1) **graduate** degree program, (2) honor **graduate**

Many employers hire **graduate** trainees to train as managers.

vacation

n. a period in which someone does not have to attend work or school and is free to do whatever they choose, such as travel or leisure

synonym: leave, recess, break

(1) a short **vacation**, (2) summer **vacation**

Do you have a plan for a long **vacation**?

cousin

n. the child of your aunt or uncle

synonym: relative

(1) cross- **cousin** marriage, (2) **cousin's** family

I used to play with my younger male **cousins** when I was a

little girl.

discovery

n. the act or process of finding information, a place, or an object, or learning about something that was previously not known

synonym: finding, uncovering, detection

(1) a scientific **discovery**, (2) the great **discovery** of the century

Her research team made an important **discovery**.

madrassa

n. (an Arabic term meaning "school") an Islamic religious school or educational institution where the teachings of Islam and the Arabic language are emphasized

synonym: seminary, Islamic school

(1) Islamic **madrassa**, (2) **madrassa** curriculum

He attended a traditional **madrassa** to receive religious education.

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.

conclude

v. to come to an end or close; to reach a judgment or opinion by reasoning

synonym: complete, finish, decide

(1) **conclude** a meeting, (2) **conclude** that he is healthy

We **concluded** a cease-fire.

prompt

v. to make someone decide to or try to do something, or to make something happen

synonym: actuate, inspire, incite

(1) **prompt** a feeling of hunger, (2) **prompt** a debate

That incident **prompted** a nationwide chain reaction

regarding the crackdown on illegal groups.

headline

n. a heading at the top of a newspaper or magazine story or page

synonym: title, caption

(1) **headline** article, (2) banner **headline**

The engagement of the two golf players became **headline** news.

proclaim

v. to announce or state something publicly and forcefully

synonym: announce, declare, trumpet

(1) **proclaim** victory, (2) **proclaim** law

The leader **proclaimed** a state of emergency in the country.

amazing

adj. extremely surprising, especially in a way that you like or admire

synonym: exceptional, extraordinary, wonderful

(1) **amazing** advances, (2) the most **amazing** feeling

The golfer recorded an **amazing** distance.

archaeology

n. the branch of anthropology that studies prehistoric people and their cultures

(1) the institute of **archaeology**, (2) prehistoric **archaeology**

She teaches **archaeology** at the local university.

ancient

adj. relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old

synonym: archaic, age-old, obsolete

(1) pre-Christian **ancient**, (2) **ancient** stories

They have been living near water since **ancient** times.

anthropology

n. the scientific study of humanity, concerned with human behavior, human biology, cultures, societies, and linguistics in both the present and past, including past human species

(1) social **anthropology**, (2) **anthropology** of religion

The areas of **anthropology** and psychology are significantly related to one another.

worldview

n. a particular philosophy or cognitive orientation of life or conception of the world

synonym: perspective, position, viewpoint

(1) mainstream **worldview**, (2) the **worldview** of the ancient civilization

The war between the two countries was also a battle between competing **worldviews**.

complicated

adj. involving a lot of different things or parts in a way that is difficult to understand or analyze

synonym: complex, convoluted, intricate

(1) a **complicated** process, (2) become increasingly **complicated**

He did **complicated** pen-and-ink drawings in just a few days.

decision

n. the act or process of making up someone's mind about something; a choice or judgment reached after considering options

synonym: choice, determination, judgment

(1) **decision** authority, (2) a selfish **decision**

She was struggling to make a **decision** between two job offers.

unfold

v. to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown

synonym: open, spread out, expose

(1) **unfold** the story, (2) **unfold** the stroller

The mystery **unfolded** as the detectives gathered more clues.

predict

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

synonym: forecast, anticipate, foresee

(1) **predict** the future, (2) **predict** when she will arrive
It's notoriously challenging to **predict** birth rates.

spite

n. feelings of anger and resentment; (in spite of, also despite) a phrase that is used to indicate that something happened or exists even though there is a particular obstacle or difficulty

synonym : malice, ill will, vindictiveness

(1) bear **spite** against him, (2) die in **spite** of intensive care
He did it out of **spite**, to annoy me.

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.

underlying

adj. significant as a cause or basis of something but not immediately apparent or stated clearly

synonym : fundamental, latent, basic

(1) an **underlying** motive, (2) an **underlying** cause of an accident

The **underlying** principle of every business was identical.

reducible

adj. capable of being reduced, simplified, or made smaller; able to be broken down or diminished

synonym : modifiable, alterable

(1) **reducible** complexity, (2) **reducible** polynomials

The **reducible** problem could be easily solved with the right approach.

medieval

adj. relating to or belonging to the Middle Age that is for the period of A.D.600 to A.D. 1450

synonym : gothic, knightly, antique

(1) **medieval** times, (2) **medieval** history

Only the **medieval** tower remained standing.

craftsman

n. a skilled worker who creates handmade objects, especially one who works with wood, metal, or other materials

synonym: artisan, mechanic, workman

(1) **craftsman** skill, (2) a subtle **craftsman**

The adept **craftsman** carefully carved the wooden figurine with precision and skill.

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.

structure

n. the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

synonym: construction, architecture, establishment

(1) the **structure** of a machine, (2) **structure** and function of the brain

The organizational **structure** of start-ups is often flat and straightforward.

modern

adj. of or belonging to the present time or recent times

synonym: contemporary, stylish, current

(1) **modern** poetry, (2) pre- **modern** agricultural society

Their headquarters are in a **modern** skyscraper.

platonic

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

synonym: nonphysical, nonsexual, spiritual

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

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

philosophy

n. the study of general and fundamental questions, such as those about existence, reason, knowledge, values, mind

synonym : doctrine, attitude, creed

(1) **philosophy** of education, (2) western **philosophy**

Ethics is a branch of **philosophy**.

singular

n. being only one of its kind; unique

synonym : unique, sole, individual

(1) **singular** purpose, (2) **singular** goal

The **singular** beauty of the night sky never ceases to amaze him.

substance

n. the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug

synonym : essence, core, material

(1) an explosive **substance**, (2) **substance** abuse problem

The **substance** of the argument was well-presented.

undifferentiated

adj. having few or no clear distinctive characters; (of cells) not having specialized or mature structures or functions

synonym : uniform, identical, alike

(1) **undifferentiated** cells, (2) **undifferentiated** market

The infant makes **undifferentiated** reflex responses to stimuli.

aesthetic

adj. connected with the enjoyment or study of beauty

synonym : beautiful, artistic, esthetic

(1) **aesthetic** value, (2) **aesthetic** feeling

My **aesthetic** standards are quite different from hers.

continuum

n. a series of similar items in which no part or portion is distinct or distinguishable from adjacent parts

synonym : continuation, continuity

(1) a space-time **continuum**, (2) the **continuum** of events

Our life is a **continuum** of experience in which events pass

from the future through the present to the past.

doe *n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
synonym : rabbit, bunny, hare
(1) **doe** rabbit, (2) buck and **doe**
Hunters use a whistle that makes the **doe** sound to lure stags.

physicist *n.* a scientist who specializes in the field of physics
(1) talented **physicist**, (2) theoretical **physicist**
Einstein was an outstanding and famous **physicist** of the 20th century.

implicate *v.* to suggest or imply that someone is involved in wrongdoing or criminal activity or to show that an event or action is linked to something else
synonym : involve, incriminate, implicate
(1) **implicate** in a crime, (2) **implicate** in conspiracy
The evidence seemed to **implicate** the suspect in the robbery case.

takeaway *n.* a message or conclusion that can be taken away from a situation or piece of information
synonym : conclusion, message, insight
(1) **takeaway** pizza, (2) **takeaway** message
The main **takeaway** from the meeting was the need for better communication.

separate *v.* to force, take, or pull apart; mark as different
synonym : disunite, isolate, ramify
(1) **separate** video into chapter, (2) **separate** cream from milk
We need to **separate** the aspect of his personality from the part of his competence when making an investment decision.

decoration

n. the act of adding something that is intended to make something more attractive; an award or honor that is given to someone in recognition of their achievements

synonym: adornment, ornament, embellishment

(1) colorful **decorations**, (2) chocolate **decorations** for cakes

The room was filled with beautiful **decorations** for the wedding reception.

fundamental

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

synonym: basic, essential, entire

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

Human behavior has **fundamental** characteristics.

architecture

n. the art and science of designing and constructing buildings

synonym: design, structure, layout

(1) **architecture** design, (2) classic **architecture**

The city is known for its impressive **architecture** and beautiful old buildings.

Session 2: Spelling

1. pre-mo___n agricultural society *adj.* of or belonging to the present time or recent times
2. honor gr____te *n.* a person who has a first degree from university or college; (verb) to complete the first course of university or college and get a degree
3. ta____ay message *n.* a message or conclusion that can be taken away from a situation or piece of information
4. ex___d a lineup *v.* to increase or to make something greater in size, number, or importance
5. bear sp__e against him *n.* feelings of anger and resentment; (in spite of, also despite) a phrase that is used to indicate that something happened or exists even though there is a particular obstacle or difficulty
6. pr____t when she will arrive *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
7. d_e rabbit *n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
8. pr____t the future *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
9. su____ce abuse problem *n.* the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug

ANSWERS: 1. modern, 2. graduate, 3. takeaway, 4. expand, 5. spite, 6. predict, 7. doe, 8. predict, 9. substance

10. me_____al times *adj.* relating to or belonging to the Middle Age that is for the period of A.D.600 to A.D. 1450
11. ap_____ic pattern *adj.* lacking a regular or predictable pattern; not occurring at regular intervals
12. fun_____al rights *adj.* forming an essential base or core from which everything else develops or is affected
13. co_____de a meeting *v.* to come to an end or close; to reach a judgment or opinion by reasoning
14. an und_____ng motive *adj.* significant as a cause or basis of something but not immediately apparent or stated clearly
15. ae_____ic feeling *adj.* connected with the enjoyment or study of beauty
16. mo_____n poetry *adj.* of or belonging to the present time or recent times
17. fun_____al education *adj.* forming an essential base or core from which everything else develops or is affected
18. pre-Christian an_____t *adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
19. chocolate dec_____ons for cakes *n.* the act of adding something that is intended to make something more attractive; an award or honor that is given to someone in recognition of their achievements
20. the st_____re of a machine *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

ANSWERS: 10. medieval, 11. aperiodic, 12. fundamental, 13. conclude, 14. underlying, 15. aesthetic, 16. modern, 17. fundamental, 18. ancient, 19. decoration, 20. structure

21. phi_____hy of education *n.* the study of general and fundamental questions, such as those about existence, reason, knowledge, values, mind
22. social ant_____ogy *n.* the scientific study of humanity, concerned with human behavior, human biology, cultures, societies, and linguistics in both the present and past, including past human species
23. a subtle cr_____an *n.* a skilled worker who creates handmade objects, especially one who works with wood, metal, or other materials
24. a short va_____on *n.* a period in which someone does not have to attend work or school and is free to do whatever they choose, such as travel or leisure
25. re_____le a dispute *v.* to find a way of dealing with two or more ideas, needs, etc. that are opposed to each other to agree and coexist
26. de_____l system *adj.* based on or counted in the number 10
27. a com_____ed process *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
28. re_____le complexity *adj.* capable of being reduced, simplified, or made smaller; able to be broken down or diminished
29. a scientific di_____ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

ANSWERS: 21. philosophy, 22. anthropology, 23. craftsman, 24. vacation, 25. reconcile, 26. decimal, 27. complicated, 28. reducible, 29. discovery

30. the wo_____ew of the ancient civilization
n. a particular philosophy or cognitive orientation of life or conception of the world
31. co_____ct a dam
v. to build or create something; to assemble or combine different parts to form something whole
32. am_____g advances
adj. extremely surprising, especially in a way that you like or admire
33. he_____ne article
n. a heading at the top of a newspaper or magazine story or page
34. co_____de that he is healthy
v. to come to an end or close; to reach a judgment or opinion by reasoning
35. re_____ve factors
adj. considered and evaluated through comparison with something else
36. number pi
n. a mathematical constant that is the ratio of a circle's circumference to its diameter, approximately equal to 3.14159
37. im_____te in a crime
v. to suggest or imply that someone is involved in wrongdoing or criminal activity or to show that an event or action is linked to something else
38. im_____te in conspiracy
v. to suggest or imply that someone is involved in wrongdoing or criminal activity or to show that an event or action is linked to something else
39. a man of pr_____ty
n. a thing or things that belong to someone
40. bombs fell at ra____m
adj. made, done, or happening without method, conscious decision, or any regular pattern

ANSWERS: 30. worldview, 31. construct, 32. amazing, 33. headline, 34. conclude, 35. relative, 36. pi, 37. implicate, 38. implicate, 39. property, 40. random

41. become increasingly com_____ed *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
42. theoretical ph_____st *n.* a scientist who specializes in the field of physics
43. cr_____an skill *n.* a skilled worker who creates handmade objects, especially one who works with wood, metal, or other materials
44. banner he_____ne *n.* a heading at the top of a newspaper or magazine story or page
45. laws of ph_____s *n.* the science of matter and energy and their interactions
46. 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
47. classic arc_____ure *n.* the art and science of designing and constructing buildings
48. an_____e your real motives *v.* to think about in-depth and evaluate to discover essential features or meaning
49. cross-co____n marriage *n.* the child of your aunt or uncle
50. chemical pr_____ty *n.* a thing or things that belong to someone
51. und_____ted market *adj.* having few or no clear distinctive characters; (of cells) not having specialized or mature structures or functions
52. pr____t a feeling of hunger *v.* to make someone decide to or try to do something, or to make something happen

ANSWERS: 41. complicated, 42. physicist, 43. craftsman, 44. headline, 45. physics, 46. weave, 47. architecture, 48. analyze, 49. cousin, 50. property, 51. undifferentiated, 52. prompt

53. the rem_____le breadth of knowledge
54. ant_____ogy of religion
55. Islamic ma_____sa
56. decision-making pr_____s
57. the co_____um of events
58. in_____te in supply
59. de_____p a skill
- adj.* worthy of attention because unusual or special
- n.* the scientific study of humanity, concerned with human behavior, human biology, cultures, societies, and linguistics in both the present and past, including past human species
- n.* (an Arabic term meaning "school") an Islamic religious school or educational institution where the teachings of Islam and the Arabic language are emphasized
- 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
- n.* a series of similar items in which no part or portion is distinct or distinguishable from adjacent parts
- adj.* unlimited or very great; impossible to measure
- v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

ANSWERS: 53. remarkable, 54. anthropology, 55. madrassa, 56. process, 57. continuum, 58. infinite, 59. develop

60. ex___d agricultural output *v.* to increase or to make something greater in size, number, or importance
61. un___d the story *v.* to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown
62. pr_____im law *v.* to announce or state something publicly and forcefully
63. st_____re and function of the brain *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
64. summer va_____on *n.* a period in which someone does not have to attend work or school and is free to do whatever they choose, such as travel or leisure
65. the institute of arc_____gy *n.* the branch of anthropology that studies prehistoric people and their cultures
66. re_____le these differences *v.* to find a way of dealing with two or more ideas, needs, etc. that are opposed to each other to agree and coexist
67. de_____on authority *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
68. talented ph_____st *n.* a scientist who specializes in the field of physics
69. ta_____ay pizza *n.* a message or conclusion that can be taken away from a situation or piece of information

ANSWERS: 60. expand, 61. unfold, 62. proclaim, 63. structure, 64. vacation, 65. archaeology, 66. reconcile, 67. decision, 68. physicist, 69. takeaway

70. ma_____sa curriculum *n.* (an Arabic term meaning "school") an Islamic religious school or educational institution where the teachings of Islam and the Arabic language are emphasized
71. mainstream wo_____ew *n.* a particular philosophy or cognitive orientation of life or conception of the world
72. re_____le polynomials *adj.* capable of being reduced, simplified, or made smaller; able to be broken down or diminished
73. und_____ted cells *adj.* having few or no clear distinctive characters; (of cells) not having specialized or mature structures or functions
74. un___d the stroller *v.* to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown
75. a space-time co_____um *n.* a series of similar items in which no part or portion is distinct or distinguishable from adjacent parts
76. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
77. the great di_____ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
78. eventually pe__r out *v.* to fail or lose power, efficiency, or value gradually before coming to an end

ANSWERS: 70. madrassa, 71. worldview, 72. reducible, 73. undifferentiated, 74. unfold, 75. continuum, 76. complexity, 77. discovery, 78. peter

79. colorful dec_____ons *n.* the act of adding something that is intended to make something more attractive; an award or honor that is given to someone in recognition of their achievements
80. in_____te appetite *adj.* unlimited or very great; impossible to measure
81. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire
82. die in sp__e of intensive care *n.* feelings of anger and resentment; (in spite of, also despite) a phrase that is used to indicate that something happened or exists even though there is a particular obstacle or difficulty
83. an infinite de_____l *adj.* based on or counted in the number 10
84. mat_____cs competition *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
85. de_____p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
86. se_____te cream from milk *v.* to force, take, or pull apart; mark as different
87. pl_____ic relationship *adj.* (of relationship or emotion) friendly or affectionate but not sexual
88. the mathematical constant pi *n.* a mathematical constant that is the ratio of a circle's circumference to its diameter, approximately equal to 3.14159

ANSWERS: 79. decoration, 80. infinite, 81. amazing, 82. spite, 83. decimal, 84. mathematics, 85. develop, 86. separate, 87. platonic, 88. pi

89. a selfish de_____on
n. the act or process of making up someone's mind about something; a choice or judgment reached after considering options
90. prehistoric arc_____gy
n. the branch of anthropology that studies prehistoric people and their cultures
91. pr____t a debate
v. to make someone decide to or try to do something, or to make something happen
92. si_____ar goal
n. being only one of its kind; unique
93. rem_____le achievement
adj. worthy of attention because unusual or special
94. co_____ct a 3D image
v. to build or create something; to assemble or combine different parts to form something whole
95. me_____al history
adj. relating to or belonging to the Middle Age that is for the period of A.D.600 to A.D. 1450
96. nuclear ph_____s
n. the science of matter and energy and their interactions
97. si_____ar purpose
n. being only one of its kind; unique
98. an_____t stories
adj. relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
99. pr_____im victory
v. to announce or state something publicly and forcefully
100. pl_____ic love
adj. (of relationship or emotion) friendly or affectionate but not sexual

ANSWERS: 89. decision, 90. archaeology, 91. prompt, 92. singular, 93. remarkable, 94. construct, 95. medieval, 96. physics, 97. singular, 98. ancient, 99. proclaim, 100. platonic

101. co___n's family *n.* the child of your aunt or uncle
102. ap_____ic signal *adj.* lacking a regular or predictable pattern; not occurring at regular intervals
103. 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
104. a ra___m choice *adj.* made, done, or happening without method, conscious decision, or any regular pattern
105. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
106. begin to pe__r out *v.* to fail or lose power, efficiency, or value gradually before coming to an end
107. a good grounding in mat_____cs *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
108. arc_____ure design *n.* the art and science of designing and constructing buildings
109. ae_____ic value *adj.* connected with the enjoyment or study of beauty
110. an und_____ng cause of an accident *adj.* significant as a cause or basis of something but not immediately apparent or stated clearly
111. buck and d_e *n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit

ANSWERS: 101. cousin, 102. aperiodic, 103. contribution, 104. random, 105. complexity, 106. peter, 107. mathematics, 108. architecture, 109. aesthetic, 110. underlying, 111. doe

112. an explosive su_____ce *n.* the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug
113. gr_____te degree program *n.* a person who has a first degree from university or college; (verb) to complete the first course of university or college and get a degree
114. 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
115. se_____te video into chapter *v.* to force, take, or pull apart; mark as different
116. 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
117. a remote re_____ve *adj.* considered and evaluated through comparison with something else
118. western phi_____hy *n.* the study of general and fundamental questions, such as those about existence, reason, knowledge, values, mind
119. an_____e a chemical compound *v.* to think about in-depth and evaluate to discover essential features or meaning

ANSWERS: 112. substance, 113. graduate, 114. process, 115. separate, 116. contribution, 117. relative, 118. philosophy, 119. analyze

120. 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

ANSWERS: 120. weave

Session 3: Fill in the Blanks

1. He has a flair for _____.
n. the science dealing with the logic of quantities, shapes, spaces, and arrangement
2. 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
3. He did it out of _____ to annoy me.
n. feelings of anger and resentment; (in spite of, also despite) a phrase that is used to indicate that something happened or exists even though there is a particular obstacle or difficulty
4. Human behavior has _____ characteristics.
adj. forming an essential base or core from which everything else develops or is affected
5. Many employers hire _____ trainees to train as managers.
n. a person who has a first degree from university or college; (verb) to complete the first course of university or college and get a degree
6. He attended a traditional _____ to receive religious education.
n. (an Arabic term meaning "school") an Islamic religious school or educational institution where the teachings of Islam and the Arabic language are emphasized
7. The war between the two countries was also a battle between competing _____.
n. a particular philosophy or cognitive orientation of life or conception of the world

ANSWERS: 1. mathematics, 2. complexity, 3. spite, 4. fundamental, 5. graduate, 6. madrassa, 7. worldviews

8. Only the _____ tower remained standing.

adj. relating to or belonging to the Middle Age that is for the period of A.D.600 to A.D. 1450

9. Ethics is a branch of _____.

n. the study of general and fundamental questions, such as those about existence, reason, knowledge, values, mind

10. His relationship with her was completely _____.

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

11. He studied the _____ of radiation.

n. the science of matter and energy and their interactions

12. I used to play with my younger male _____ when I was a little girl.

n. the child of your aunt or uncle

13. The _____ principle of every business was identical.

adj. significant as a cause or basis of something but not immediately apparent or stated clearly

14. He did _____ pen-and-ink drawings in just a few days.

adj. involving a lot of different things or parts in a way that is difficult to understand or analyze

15. Do you have a plan for a long _____

n. a period in which someone does not have to attend work or school and is free to do whatever they choose, such as travel or leisure

ANSWERS: 8. medieval, 9. philosophy, 10. platonic, 11. physics, 12. cousins, 13. underlying, 14. complicated, 15. vacation?

16. The _____ fluctuations in the stock market made it difficult for investors to predict trends.
adj. lacking a regular or predictable pattern; not occurring at regular intervals
17. 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
18. 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
19. We must _____ a new system to streamline our workflow and increase efficiency.
v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
20. Sometimes it is challenging to _____ science and religion.
v. to find a way of dealing with two or more ideas, needs, etc. that are opposed to each other to agree and coexist
21. The _____ beauty of the night sky never ceases to amaze him.
n. being only one of its kind; unique
22. The main _____ from the meeting was the need for better communication.
n. a message or conclusion that can be taken away from a situation or piece of information

ANSWERS: 16. aperiodic, 17. weaves, 18. contribution, 19. develop, 20. reconcile, 21. singular, 22. takeaway

23. Einstein was an outstanding and famous _____ of the 20th century.
n. a scientist who specializes in the field of physics
24. The adept _____ carefully carved the wooden figurine with precision and skill.
n. a skilled worker who creates handmade objects, especially one who works with wood, metal, or other materials
25. Hunters use a whistle that makes the ____ sound to lure stags.
n. a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
26. The city is known for its impressive _____ and beautiful old buildings.
n. the art and science of designing and constructing buildings
27. The evidence seemed to _____ the suspect in the robbery case.
v. to suggest or imply that someone is involved in wrongdoing or criminal activity or to show that an event or action is linked to something else
28. The golfer recorded an _____ distance.
adj. extremely surprising, especially in a way that you like or admire
29. The battle had an _____ impact on the nation.
adj. unlimited or very great; impossible to measure
30. Our life is a _____ of experience in which events pass from the future through the present to the past.
n. a series of similar items in which no part or portion is distinct or distinguishable from adjacent parts

ANSWERS: 23. physicist, 24. craftsman, 25. doe, 26. architecture, 27. implicate, 28. amazing, 29. infinite, 30. continuum

31. The organizational _____ of start-ups is often flat and straightforward.
n. the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
32. The election was a _____ success for the Whigs.
adj. worthy of attention because unusual or special
33. The _____ point separates the whole number from the fractional part.
adj. based on or counted in the number 10
34. She was struggling to make a _____ between two job offers.
n. the act or process of making up someone's mind about something; a choice or judgment reached after considering options
35. Her research team made an important _____.
n. the act or process of finding information, a place, or an object, or learning about something that was previously not known
36. To find drunk drivers, police conduct _____ tests.
adj. made, done, or happening without method, conscious decision, or any regular pattern
37. The teacher attempted to _____ the root cause of our mistake.
v. to think about in-depth and evaluate to discover essential features or meaning
38. Their headquarters are in a _____ skyscraper.
adj. of or belonging to the present time or recent times
39. She teaches _____ at the local university.
n. the branch of anthropology that studies prehistoric people and their cultures

ANSWERS: 31. structure, 32. remarkable, 33. decimal, 34. decision, 35. discovery, 36. random, 37. analyze, 38. modern, 39. archaeology

40. That incident _____ a nationwide chain reaction regarding the crackdown on illegal groups.
- v.* to make someone decide to or try to do something, or to make something happen
41. The _____ problem could be easily solved with the right approach.
- adj.* capable of being reduced, simplified, or made smaller; able to be broken down or diminished
42. The music just _____ out.
- v.* to fail or lose power, efficiency, or value gradually before coming to an end
43. The infant makes _____ reflex responses to stimuli.
- adj.* having few or no clear distinctive characters; (of cells) not having specialized or mature structures or functions
44. The mystery _____ as the detectives gathered more clues.
- v.* to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown
45. They hope to _____ their business worldwide.
- v.* to increase or to make something greater in size, number, or importance
46. The engagement of the two golf players became _____ news.
- n.* a heading at the top of a newspaper or magazine story or page
47. The _____ of the argument was well-presented.
- n.* the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug

ANSWERS: 40. prompted, 41. reducible, 42. petered, 43. undifferentiated, 44. unfolded, 45. expand, 46. headline, 47. substance

48. He stood to inherit a million-dollar _____.
- n.* a thing or things that belong to someone
49. The leader _____ a state of emergency in the country.
- v.* to announce or state something publicly and forcefully
50. He can recite ___ to 1000 digits.
- n.* a mathematical constant that is the ratio of a circle's circumference to its diameter, approximately equal to 3.14159
51. We need to _____ the aspect of his personality from the part of his competence when making an investment decision.
- v.* to force, take, or pull apart; mark as different
52. It's notoriously challenging to _____ birth rates.
- v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
53. We _____ a cease-fire.
- v.* to come to an end or close; to reach a judgment or opinion by reasoning
54. My _____ standards are quite different from hers.
- adj.* connected with the enjoyment or study of beauty
55. The room was filled with beautiful _____ for the wedding reception.
- n.* the act of adding something that is intended to make something more attractive; an award or honor that is given to someone in recognition of their achievements

ANSWERS: 48. property, 49. proclaimed, 50. pi, 51. separate, 52. predict, 53. concluded, 54. aesthetic, 55. decorations

56. They have been living near water since _____ times.

adj. relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old

57. Most countries prohibit sexual activity between certain close _____.

adj. considered and evaluated through comparison with something else

58. The areas of _____ and psychology are significantly related to one another.

n. the scientific study of humanity, concerned with human behavior, human biology, cultures, societies, and linguistics in both the present and past, including past human species

59. 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

60. 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

ANSWERS: 56. ancient, 57. relatives, 58. anthropology, 59. process, 60. constructs