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Vocabulary Builder Reference from...

Richard E. Cytowic: What color is Tuesday?

Exploring synesthesia | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

trigger

v. to make something happen suddenly; to cause something such as a device, machine, etc. to function

synonym: activate, spark, drive

(1) **trigger** a biochemical response, (2) **trigger** inflation

The incident **triggered** a political controversy.

swirl

v. to move in a circular or spiral pattern

synonym: spin, whirl, turn

(1) **swirl** the wine, (2) **swirl** up dirt and dust

The chef expertly **swirled** the sauce onto the plate.

flavor

n. the taste sensation produced by a substance in the mouth

synonym: taste, savor, essence

(1) a delicate **flavor**, (2) **flavor** enhancer

The **flavor** of the coffee was rich and full-bodied.

jail

n. a facility where criminals are kept to be punished for their crimes; a prison

synonym: prison, slammer, penitentiary

(1) county **jail**, (2) be in **jail**

The police escorted the prisoner to the **jail**.

bacon

n. a type of salt-cured pork that is usually sliced and fried; a meat product that is derived from the back or sides of a pig

synonym : ham, pork belly, gammon

(1) **bacon** and eggs, (2) **bacon** sandwich

I love the smell of **bacon** sizzling in the morning.

wax

n. a substance that is solid at room temperature but becomes softer and more pliable when heated, often used in the production of candles, polishes, and cosmetics; (verb) to become large

(1) **wax** finish, (2) **wax** and wane

He sealed the letter with a **wax** seal.

synesthesia

n. a condition in which stimulation of one sensory or cognitive pathway leads to automatic and involuntary experiences in another pathway; for example, seeing specific colors when hearing certain sounds or experiencing tastes or smells when seeing certain shapes

synonym : cross-sensory perception, sensory merger, blending of senses

(1) auditory **synesthesia**, (2) **synesthesia** effect

The artist's paintings were inspired by her **synesthesia**, where she saw music as a visual medium.

neurological

adj. of or relating to the science of neurology or the nervous system

synonym : nervous, neural, brain-related

(1) fever with **neurological** signs, (2) **neurological** symptoms

The patient was diagnosed with a **neurological** disorder affecting their motor skills.

phenomenon

n. something that exists and can be perceptible, especially one that is not fully understood

synonym : marvel, wonder, splendor

(1) natural **phenomenon**, (2) historical **phenomenon**
A rainbow is a natural **phenomenon**.

anesthesia

n. a state of controlled, temporary loss of bodily sensation or awareness that is induced for medical purposes

(1) **anesthesia** for surgery, (2) local **anesthesia**
He is in general **anesthesia** under the surgeon.

grapheme

n. the smallest unit of a writing system, representing one phoneme; a letter or symbol used in written language

synonym: character, letter, symbol

(1) **grapheme** cluster, (2) written **grapheme**
In English, each letter represents a distinct **grapheme**.

numeral

n. a symbol or written character that represents a number, typically used in counting or calculation; a digit or figure

synonym: digit, number, figure

(1) **numeral** system, (2) decimal **numeral**
She struggled to read the Roman **numeral** on the clock.

punctuate

v. to insert punctuation marks (= comma, period, colon, etc.) in the text; to interrupt periodically

synonym: emphasize, accent, mark

(1) **punctuate** a sentence, (2) **punctuate** his talk
Strikes had also **punctuated** the preceding weeks.

gender

n. the range of characteristics of femininity and masculinity and differentiating between them, especially when considering social and cultural differences rather than differences in biology

synonym: sexuality

(1) **gender-blind** policies, (2) dual **gender**
Cultural norms strongly influence **gender** expectations.

athletics

n. the physical activities or sports that involve physical exertion and competition, such as running, jumping, throwing, or walking

synonym : sports, physical activity, exercise

(1) high school **athletics**, (2) professional **athletics**

She excelled in **athletics** during high school and went on to compete at the collegiate level.

sporty

adj. having a stylish, athletic, or active appearance or character

synonym : athletic, active, stylish

(1) **sporty** car, (2) **sporty** outfit

The new car has a **sporty** design and a powerful engine, making it fun to drive on winding roads.

vain

adj. having an excessively high opinion of oneself; excessively concerned with one's appearance or achievements; producing no result or effect, or being unsuccessful

synonym : conceited, narcissistic, egotistic

(1) **vain** hope, (2) **vain** pursuit

He is in **vain** searching for a new job since he has no experience in the field.

elitist

adj. believing or showing the belief that some people are naturally superior to others and, therefore, should have more power and privilege

synonym : exclusive, superior

(1) **elitist** mentality, (2) **elitist** mindset

His **elitist** attitude made it difficult for him to work with people from different backgrounds.

contrast

v. to put in opposition to show or emphasize differences

synonym : differ, vary, counterpoint

(1) **contrast** with a decade ago, (2) **contrast** two things

It's intriguing to compare and **contrast** the two authors.

phoneme

n. the smallest possible unit of sound that can change the meaning of a word within a particular language; the basic unit of phonetics

synonym : sound, speech unit

(1) **phoneme** sequences, (2) consonant **phoneme**

The **phoneme** discrimination task revealed that she had difficulty differentiating between certain sounds.

sausage

n. a type of meat product usually made from pork, beef, or poultry, chopped into small pieces, put in a long tube of skin, then cooked or served cold in thin slices

synonym : bratwurst, wurst, frankfurter

(1) beef **sausage**, (2) German **sausage**

The mother sliced off a piece of **sausage**.

trait

n. a particular feature of your nature

synonym : attribute, feature, quality

(1) chemical **trait**, (2) personality **traits**

Multiple genes may influence behavioral **traits** concurrently.

disorder

n. an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions

synonym : chaos, disturbance, disease

(1) the files are in complete **disorder**, (2) people with bipolar **disorder**

The doctor prescribed some medicine for the mental **disorder**.

hook

n. a curved device used for suspending, holding, or pulling something, especially one attached to a surface for hanging things on; a sharp curve or crook

synonym : buckle, pin, curve

(1) a hat **hook**, (2) the curved shape of a **hook**

Please hang your towel on a **hook**.

endow

v. to give a quality, ability, or asset to a person or institution

synonym : finance, subsidize, support

(1) **endow** him with the power, (2) **endow** the scholarship

Some people believe that human is **endowed** with reason and capable of distinguishing good from evil.

superior

adj. better, higher in quality, or more advanced than others

synonym: better, greater, exceptional

(1) **superior** performance, (2) provide **superior** customer service

The new smartphone model is **superior** to the previous version in terms of speed and features.

inherit

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

synonym: obtain, gain, acquire

(1) **inherit** estate, (2) **inherit** ancestral property

After his death, his sons **inherited** his business.

biology

n. the scientific study of life and the natural processes of living things

(1) evolutionary **biology**, (2) cell and molecular **biology**

In junior high school, we had to dissect a frog in **biology** class.

propensity

n. a natural inclination, preference, or tendency toward a particular activity, behavior, or opinion

synonym: tendency, inclination, disposition

(1) **propensity** for violence, (2) **propensity** to procrastinate

His **propensity** for lying caused him to lose many friends.

hyperconnected

adj. having multiple, complex links or relationships between different people, objects, or systems

synonym: highly connected, fully connected

(1) **hyperconnected** network, (2) **hyperconnected** technology

The world has become increasingly **hyperconnected**, with the internet and social media playing a significant role in communication and information exchange.

brain

n. the organ inside the head that is responsible for one's movement, thought, memory, and feeling

synonym : intellect, mind, encephalon

(1) basic **brain** function, (2) permanent **brain** damage

X-rays revealed a small tumor in his **brain**.

neuron

n. a cell that is specialized to carry information within the brain and between the brain and other parts of the body

synonym : nerve cell

(1) excite the **neurons**, (2) **neuron** cell body

Our body transfers information along each **neuron** using an electrical impulse.

exposed

adj. having no protection or shield from something, such as bad weather, attack, or criticism

synonym : endangered, revealed, disclosed

(1) **exposed** to radiation, (2) an **exposed** rock

Tech companies often employ **exposed** ducts and other materials in their office interiors.

artifact

n. a person-made object, especially one of historical or cultural interest

synonym : antique, relic, heirloom

(1) paleolithic **artifacts**, (2) Peruvian **artifacts**

The museum has a vast collection of Greek **artifacts**.

alphabet

n. a character set that includes letters and is used to write a language

synonym : ABC's

(1) letters of an **alphabet**, (2) an **alphabet** of manual signs

He strove to memorize the Hebrew **alphabet**.

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.

nucleotide

n. a basic structural unit or building block of nucleic acids (DNA and RNA) consisting of a sugar molecule, a phosphate group, and a nitrogenous base (adenine, cytosine, guanine, thymine, or uracil), which combine to form the genetic code and carry information within cells

synonym: base pair, DNA building block

(1) **nucleotide** sequence, (2) DNA **nucleotide**

Adenine and thymine are complementary **nucleotides** in DNA.

sequence

n. a series of related events, actions, numbers, etc., which have a particular order

synonym: arrangement, succession, series

(1) the **sequence** of the seasons, (2) the DNA **sequence**

We do move forward with those tasks in **sequence** next week.

perception

n. a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses

synonym: understanding, idea, awareness

(1) keen **perception**, (2) **perception** of a stimulus

He is a man admired for the depth of his **perception**.

prefer

v. to like, choose, or want one thing or person better than another

synonym: choose, like, favor

(1) **prefer** physics to chemistry, (2) **prefer** a window seat

The birds **prefer** open water areas with reeds around them.

spinach

n. a leafy green vegetable with a slightly bitter taste and high nutritional value, often used in salads or cooked dishes, and also famously associated with the cartoon character Popeye, who claimed eating spinach made him stronger

(1) **spinach** salad, (2) frozen **spinach**

Fresh **spinach** is a good source of vitamins and minerals.

normally

adv. usually; under normal conditions

synonym: commonly, generally, naturally

(1) complete **normally**, (2) not **normally** drink much

I don't **normally** take a vacation in the middle of summer.

lobe

n. a rounded projection or division, especially of the brain, lung, or liver

synonym: part, section, division

(1) **lobe** of the liver, (2) frontal **lobe**

The lungs are divided into five **lobes**.

suppose

v. to think that something is likely to be actual or possible

synonym: guess, assume, presume

(1) **suppose** you're right, (2) **suppose** beforehand

What do you **suppose** the culprit's motive was?

sensory

adj. of or relating to the physical senses

synonym: receptive, sensuous, neural

(1) a **sensory** organ, (2) a child with **sensory** issues

Sharks have highly developed **sensory** systems and are extremely sensitive creatures.

unrelated

adj. having no connection; not belonging to the kinship

synonym: irrelevant, unconnected, independent

(1) statistically **unrelated**, (2) an **unrelated** position

Excuse me if my question is **unrelated** to the topic.

definition

n. a concise explanation of the meaning of a word, phrase, or symbol

synonym: description, connotation, meaning

(1) a precise **definition**, (2) the **definition** of a word

Parallel lines are, by **definition**, lines on the same plane that never cross.

metaphor

n. a figure of speech in which an expression is used to refer to something that it does not denote to suggest a similarity

synonym: conceit, analogy, symbol

(1) **metaphor** for death, (2) visual **metaphor**

She expressed her thought in an artful choice of **metaphors**.

dissimilar

adj. not alike or having little in common

synonym: unlike, different, distinct

(1) **dissimilar** cultures, (2) **dissimilar** backgrounds

The two paintings were **dissimilar** in style and subject matter.

surprisingly

adv. in a way that causes amazement or wonder

synonym: exceptionally, notably, unusually

(1) **surprisingly** advanced culture, (2) have **surprisingly** little effect

The exam was **surprisingly** tricky for everyone.

excel

v. to be extremely good at or proficient in doing something

synonym: outdo, shine, surpass

(1) **excel** in description, (2) **excel** at communication

The company **excels** in customer service.

novel

n. an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before

synonym: fiction, story, (adjective) innovative

(1) historical **novel**, (2) **novel** effect

The **novel** has largely gotten positive feedback.

compose

v. to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it

synonym: compile, constitute, build

(1) **compose** an essay, (2) **compose** my thoughts

The structure is **composed** of three main components.

sight

n. the ability to see; anything that is seen

synonym: vision, spectacle, view

(1) an unexpected **sight**, (2) dull **sight**

Many famous **sights** are within walking distance.

movement

n. a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively

synonym: motion, progression, action

(1) a circular **movement**, (2) **movement** of troops

The **movement** of the dancers on stage was graceful and elegant.

ventriloquist

n. a performer who entertains by making their voice appear to come from somewhere else, often through the use of a dummy or puppet

synonym: puppeteer, voice thrower

(1) **ventriloquist** dummy, (2) **ventriloquist** act

The famous **ventriloquist** used his puppet to tell jokes and entertain the audience.

convince

v. to persuade someone or make someone believe that something is true

synonym: persuade, win over, convert

(1) **convince** her to go with us, (2) **convince** an opponent

I am considering what I should do to **convince** him.

dummy

n. a model or imitation of something that is used as a substitute; a person who is perceived as lacking intelligence or acting foolishly

synonym: mannequin, puppet, figurine

(1) **dummy** address, (2) the crash test **dummy**

The ventriloquist's **dummy** was incredibly lifelike and entertaining.

likewise

adv. in the same way

synonym : alike, correspondingly, similarly

(1) do **likewise**, (2) please revise **likewise**

He is tall and **likewise** strong.

surrounding

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

synonym : circumferent, encircling, neighboring

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

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

inwardly

adv. in one's inner thoughts, feelings, emotions, or mental states; about one's internal or subjective experience

synonym : internally, inward, inside

(1) protest **inwardly**, (2) **inwardly** happy

She **inwardly** wished that she had prepared more for the exam.

outward

adj. relating to the external appearance or surface of something; visible

synonym : external, surface, exterior

(1) an **outward** journey, (2) **outward** cheerfulness

The **outward** appearance of the building was impressive, but the inside was in dire need of repairs.

unaware

adj. not understanding something or having knowledge or idea of something

synonym : incognizant, clueless, ignorant

(1) entirely **unaware** of the danger, (2) **unaware** of the reality

He was **unaware** of the scrutiny.

crosstalk

n. interference or disturbance in electronic systems caused by signals or currents from adjacent or nearby elements or circuits; the phenomenon where one cellular signaling pathway influences or interferes with another

synonym : disturbance, cross-interference, XT

(1) molecular **crosstalk**, (2) the **crosstalk** between the two political factions

The interference during the phone call was due to **crosstalk** from nearby electrical wires.

Session 2: Spelling

1. co_____e an essay
v. to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it
2. mo_____nt of troops
n. a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
3. a se_____y organ
adj. of or relating to the physical senses
4. sp_____y car
adj. having a stylish, athletic, or active appearance or character
5. German sa_____e
n. a type of meat product usually made from pork, beef, or poultry, chopped into small pieces, put in a long tube of skin, then cooked or served cold in thin slices
6. sw__l the wine
v. to move in a circular or spiral pattern
7. pro_____ty for violence
n. a natural inclination, preference, or tendency toward a particular activity, behavior, or opinion
8. natural phe_____on
n. something that exists and can be perceptible, especially one that is not fully understood
9. neu_____cal symptoms
adj. of or relating to the science of neurology or the nervous system
10. hyp_____ted network
adj. having multiple, complex links or relationships between different people, objects, or systems

ANSWERS: 1. compose, 2. movement, 3. sensory, 4. sporty, 5. sausage, 6. swirl, 7. propensity, 8. phenomenon, 9. neurological, 10. hyperconnected

- | | |
|------------------------------------|--|
| 11. have sur_____gly little effect | <i>adv.</i> in a way that causes amazement or wonder |
| 12. ba__n sandwich | <i>n.</i> a type of salt-cured pork that is usually sliced and fried; a meat product that is derived from the back or sides of a pig |
| 13. per_____on of a stimulus | <i>n.</i> a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses |
| 14. ven_____ist act | <i>n.</i> a performer who entertains by making their voice appear to come from somewhere else, often through the use of a dummy or puppet |
| 15. en__w him with the power | <i>v.</i> to give a quality, ability, or asset to a person or institution |
| 16. ex__l in description | <i>v.</i> to be extremely good at or proficient in doing something |
| 17. a precise def_____on | <i>n.</i> a concise explanation of the meaning of a word, phrase, or symbol |
| 18. co_____ce her to go with us | <i>v.</i> to persuade someone or make someone believe that something is true |
| 19. an ex_____d rock | <i>adj.</i> having no protection or shield from something, such as bad weather, attack, or criticism |
| 20. pu_____te his talk | <i>v.</i> to insert punctuation marks (= comma, period, colon, etc.) in the text; to interrupt periodically |
| 21. consonant ph_____e | <i>n.</i> the smallest possible unit of sound that can change the meaning of a word within a particular language; the basic unit of phonetics |

ANSWERS: 11. surprisingly, 12. bacon, 13. perception, 14. ventriloquist, 15. endow, 16. excel, 17. definition, 18. convince, 19. exposed, 20. punctuate, 21. phoneme

22. written gr____me *n.* the smallest unit of a writing system, representing one phoneme; a letter or symbol used in written language
23. en__w the scholarship *v.* to give a quality, ability, or asset to a person or institution
24. dis____ar backgrounds *adj.* not alike or having little in common
25. in____t ancestral property *v.* to receive money, property, or a title from someone after they have died
26. hyp____ted technology *adj.* having multiple, complex links or relationships between different people, objects, or systems
27. the files are in complete di____er *n.* an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions
28. the DNA se____ce *n.* a series of related events, actions, numbers, etc., which have a particular order
29. el____t mindset *adj.* believing or showing the belief that some people are naturally superior to others and, therefore, should have more power and privilege
30. high school at____cs *n.* the physical activities or sports that involve physical exertion and competition, such as running, jumping, throwing, or walking
31. in____t estate *v.* to receive money, property, or a title from someone after they have died
32. personality tr__ts *n.* a particular feature of your nature

ANSWERS: 22. grapheme, 23. endow, 24. dissimilar, 25. inherit, 26. hyperconnected, 27. disorder, 28. sequence, 29. elitist, 30. athletics, 31. inherit, 32. trait

33. beef sa_____e *n.* a type of meat product usually made from pork, beef, or poultry, chopped into small pieces, put in a long tube of skin, then cooked or served cold in thin slices
34. co_____e my thoughts *v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it
35. DNA nuc_____de *n.* a basic structural unit or building block of nucleic acids (DNA and RNA) consisting of a sugar molecule, a phosphate group, and a nitrogenous base (adenine, cytosine, guanine, thymine, or uracil), which combine to form the genetic code and carry information within cells
36. protest in_____ly *adv.* in one's inner thoughts, feelings, emotions, or mental states; about one's internal or subjective experience
37. letters of an al_____et *n.* a character set that includes letters and is used to write a language
38. nu_____l system *n.* a symbol or written character that represents a number, typically used in counting or calculation; a digit or figure
39. pr____r a window seat *v.* to like, choose, or want one thing or person better than another
40. co_____ce an opponent *v.* to persuade someone or make someone believe that something is true
41. entirely un_____e of the danger *adj.* not understanding something or having knowledge or idea of something

ANSWERS: 33. sausage, 34. compose, 35. nucleotide, 36. inwardly, 37. alphabet, 38. numeral, 39. prefer, 40. convince, 41. unaware

42. historical phe_____on *n.* something that exists and can be perceptible, especially one that is not fully understood
43. sw__l up dirt and dust *v.* to move in a circular or spiral pattern
44. syn_____ia effect *n.* a condition in which stimulation of one sensory or cognitive pathway leads to automatic and involuntary experiences in another pathway; for example, seeing specific colors when hearing certain sounds or experiencing tastes or smells when seeing certain shapes
45. a fence sur_____ng a castle *adj.* that is near or around, or closely encircling something
46. complete no_____ly *adv.* usually; under normal conditions
47. molecular cr_____lk *n.* interference or disturbance in electronic systems caused by signals or currents from adjacent or nearby elements or circuits; the phenomenon where one cellular signaling pathway influences or interferes with another
48. professional at_____cs *n.* the physical activities or sports that involve physical exertion and competition, such as running, jumping, throwing, or walking
49. dual ge___r *n.* the range of characteristics of femininity and masculinity and differentiating between them, especially when considering social and cultural differences rather than differences in biology

ANSWERS: 42. phenomenon, 43. swirl, 44. synesthesia, 45. surrounding, 46. normally, 47. crosstalk, 48. athletics, 49. gender

50. su____e beforehand *v.* to think that something is likely to be actual or possible
51. local ane_____ia *n.* a state of controlled, temporary loss of bodily sensation or awareness that is induced for medical purposes
52. pu_____te a sentence *v.* to insert punctuation marks (= comma, period, colon, etc.) in the text; to interrupt periodically
53. provide su_____or customer service *adj.* better, higher in quality, or more advanced than others
54. pr____r physics to chemistry *v.* to like, choose, or want one thing or person better than another
55. ne____n cell body *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
56. a circular mo_____nt *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
57. in_____ly happy *adv.* in one's inner thoughts, feelings, emotions, or mental states; about one's internal or subjective experience
58. the crash test du__y *n.* a model or imitation of something that is used as a substitute; a person who is perceived as lacking intelligence or acting foolishly
59. pro_____ty to procrastinate *n.* a natural inclination, preference, or tendency toward a particular activity, behavior, or opinion

ANSWERS: 50. suppose, 51. anesthesia, 52. punctuate, 53. superior, 54. prefer, 55. neuron, 56. movement, 57. inwardly, 58. dummy, 59. propensity

60. gr_____me cluster *n.* the smallest unit of a writing system, representing one phoneme; a letter or symbol used in written language
61. ven_____ist dummy *n.* a performer who entertains by making their voice appear to come from somewhere else, often through the use of a dummy or puppet
62. a delicate fl____r *n.* the taste sensation produced by a substance in the mouth
63. the def_____on of a word *n.* a concise explanation of the meaning of a word, phrase, or symbol
64. an al_____et of manual signs *n.* a character set that includes letters and is used to write a language
65. am_____g advances *adj.* extremely surprising, especially in a way that you like or admire
66. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
67. paleolithic ar_____cts *n.* a person-made object, especially one of historical or cultural interest
68. du__y address *n.* a model or imitation of something that is used as a substitute; a person who is perceived as lacking intelligence or acting foolishly
69. evolutionary bi_____y *n.* the scientific study of life and the natural processes of living things
70. ane_____ia for surgery *n.* a state of controlled, temporary loss of bodily sensation or awareness that is induced for medical purposes

ANSWERS: 60. grapheme, 61. ventriloquist, 62. flavor, 63. definition, 64. alphabet, 65. amazing, 66. brain, 67. artifact, 68. dummy, 69. biology, 70. anesthesia

91. be in j__l *n.* a facility where criminals are kept to be punished for their crimes; a prison
92. Peruvian ar_____cts *n.* a person-made object, especially one of historical or cultural interest
93. do li_____se *adv.* in the same way
94. keen per_____on *n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses
95. ex__l at communication *v.* to be extremely good at or proficient in doing something
96. fever with neu_____cal signs *adj.* of or relating to the science of neurology or the nervous system
97. the cr_____lk between the two political factions *n.* interference or disturbance in electronic systems caused by signals or currents from adjacent or nearby elements or circuits; the phenomenon where one cellular signaling pathway influences or interferes with another
98. sur_____ng areas *adj.* that is near or around, or closely encircling something
99. excite the ne___ns *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
100. v__n hope *adj.* having an excessively high opinion of oneself; excessively concerned with one's appearance or achievements; producing no result or effect, or being unsuccessful

ANSWERS: 91. jail, 92. artifact, 93. likewise, 94. perception, 95. excel, 96. neurological, 97. crosstalk, 98. surrounding, 99. neuron, 100. vain

101. co_____st two things *v.* to put in opposition to show or emphasize differences
102. dull si__t *n.* the ability to see; anything that is seen
103. me_____or for death *n.* a figure of speech in which an expression is used to refer to something that it does not denote to suggest a similarity
104. w_x finish *n.* a substance that is solid at room temperature but becomes softer and more pliable when heated, often used in the production of candles, polishes, and cosmetics; (verb) to become large
105. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire
106. a child with se_____y issues *adj.* of or relating to the physical senses
107. sp_____h salad *n.* a leafy green vegetable with a slightly bitter taste and high nutritional value, often used in salads or cooked dishes, and also famously associated with the cartoon character Popeye, who claimed eating spinach made him stronger
108. ph_____e sequences *n.* the smallest possible unit of sound that can change the meaning of a word within a particular language; the basic unit of phonetics
109. v__n pursuit *adj.* having an excessively high opinion of oneself; excessively concerned with one's appearance or achievements; producing no result or effect, or being unsuccessful

ANSWERS: 101. contrast, 102. sight, 103. metaphor, 104. wax, 105. amazing, 106. sensory, 107. spinach, 108. phoneme, 109. vain

110. ou____d cheerfulness *adj.* relating to the external appearance or surface of something; visible
111. un____e of the reality *adj.* not understanding something or having knowledge or idea of something
112. nuc____de sequence *n.* a basic structural unit or building block of nucleic acids (DNA and RNA) consisting of a sugar molecule, a phosphate group, and a nitrogenous base (adenine, cytosine, guanine, thymine, or uracil), which combine to form the genetic code and carry information within cells
113. decimal nu____l *n.* a symbol or written character that represents a number, typically used in counting or calculation; a digit or figure
114. an unexpected si__t *n.* the ability to see; anything that is seen
115. l__e of the liver *n.* a rounded projection or division, especially of the brain, lung, or liver
116. please revise li____se *adv.* in the same way
117. su____e you're right *v.* to think that something is likely to be actual or possible
118. the curved shape of a h__k *n.* a curved device used for suspending, holding, or pulling something, especially one attached to a surface for hanging things on; a sharp curve or crook
119. an ou____d journey *adj.* relating to the external appearance or surface of something; visible
120. statistically un____ed *adj.* having no connection; not belonging to the kinship

ANSWERS: 110. outward, 111. unaware, 112. nucleotide, 113. numeral, 114. sight, 115. lobe, 116. likewise, 117. suppose, 118. hook, 119. outward, 120. unrelated

121. sur_____gly advanced culture *adv.* in a way that causes amazement or wonder
122. people with bipolar di_____er *n.* an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions
123. historical no__l *n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before
124. fl___r enhancer *n.* the taste sensation produced by a substance in the mouth
125. el_____t mentality *adj.* believing or showing the belief that some people are naturally superior to others and, therefore, should have more power and privilege
126. cell and molecular bi_____y *n.* the scientific study of life and the natural processes of living things
127. tr_____r a biochemical response *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
128. w_x and wane *n.* a substance that is solid at room temperature but becomes softer and more pliable when heated, often used in the production of candles, polishes, and cosmetics; (verb) to become large

ANSWERS: 121. surprisingly, 122. disorder, 123. novel, 124. flavor, 125. elitist, 126. biology, 127. trigger, 128. wax

Session 3: Fill in the Blanks

1. He is a man admired for the depth of his _____.
n. a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses
2. He sealed the letter with a ____ seal.
n. a substance that is solid at room temperature but becomes softer and more pliable when heated, often used in the production of candles, polishes, and cosmetics; (verb) to become large
3. After his death, his sons _____ his business.
v. to receive money, property, or a title from someone after they have died
4. Multiple genes may influence behavioral _____ concurrently.
n. a particular feature of your nature
5. He is in general _____ under the surgeon.
n. a state of controlled, temporary loss of bodily sensation or awareness that is induced for medical purposes
6. Tech companies often employ _____ ducts and other materials in their office interiors.
adj. having no protection or shield from something, such as bad weather, attack, or criticism
7. The world has become increasingly _____ with the internet and social media playing a significant role in communication and information exchange.
adj. having multiple, complex links or relationships between different people, objects, or systems

ANSWERS: 1. perception, 2. wax, 3. inherited, 4. traits, 5. anesthesia, 6. exposed, 7. hyperconnected,

8. The _____ of the dancers on stage was graceful and elegant.
- n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
9. Some people believe that human is _____ with reason and capable of distinguishing good from evil.
- v.* to give a quality, ability, or asset to a person or institution
10. Cultural norms strongly influence _____ expectations.
- n.* the range of characteristics of femininity and masculinity and differentiating between them, especially when considering social and cultural differences rather than differences in biology
11. The company _____ in customer service.
- v.* to be extremely good at or proficient in doing something
12. I am considering what I should do to _____ him.
- v.* to persuade someone or make someone believe that something is true
13. Please hang your towel on a _____.
- n.* a curved device used for suspending, holding, or pulling something, especially one attached to a surface for hanging things on; a sharp curve or crook
14. She _____ wished that she had prepared more for the exam.
- adv.* in one's inner thoughts, feelings, emotions, or mental states; about one's internal or subjective experience
15. The lungs are divided into five _____.
- n.* a rounded projection or division, especially of the brain, lung, or liver

ANSWERS: 8. movement, 9. endowed, 10. gender, 11. excels, 12. convince, 13. hook, 14. inwardly, 15. lobes

16. The exam was _____ tricky for everyone.

adv. in a way that causes amazement or wonder

17. She excelled in _____ during high school and went on to compete at the collegiate level.

n. the physical activities or sports that involve physical exertion and competition, such as running, jumping, throwing, or walking

18. He was _____ of the scrutiny.

adj. not understanding something or having knowledge or idea of something

19. The new car has a _____ design and a powerful engine, making it fun to drive on winding roads.

adj. having a stylish, athletic, or active appearance or character

20. We do move forward with those tasks in _____ next week.

n. a series of related events, actions, numbers, etc., which have a particular order

21. The patient was diagnosed with a _____ disorder affecting their motor skills.

adj. of or relating to the science of neurology or the nervous system

22. He is in _____ searching for a new job since he has no experience in the field.

adj. having an excessively high opinion of oneself; excessively concerned with one's appearance or achievements; producing no result or effect, or being unsuccessful

23. She struggled to read the Roman _____ on the clock.

n. a symbol or written character that represents a number, typically used in counting or calculation; a digit or figure

ANSWERS: 16. surprisingly, 17. athletics, 18. unaware, 19. sporty, 20. sequence, 21. neurological, 22. vain, 23. numeral

24. In English, each letter represents a distinct _____.
- n.* the smallest unit of a writing system, representing one phoneme; a letter or symbol used in written language
25. In junior high school, we had to dissect a frog in _____ class.
- n.* the scientific study of life and the natural processes of living things
26. The golfer recorded an _____ distance.
- adj.* extremely surprising, especially in a way that you like or admire
27. Many famous _____ are within walking distance.
- n.* the ability to see; anything that is seen
28. The new smartphone model is _____ to the previous version in terms of speed and features.
- adj.* better, higher in quality, or more advanced than others
29. She expressed her thought in an artful choice of _____.
- n.* a figure of speech in which an expression is used to refer to something that it does not denote to suggest a similarity
30. His _____ for lying caused him to lose many friends.
- n.* a natural inclination, preference, or tendency toward a particular activity, behavior, or opinion
31. The _____ mountains make the city difficult to be invaded.
- adj.* that is near or around, or closely encircling something
32. The incident _____ a political controversy.
- v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function

ANSWERS: 24. grapheme, 25. biology, 26. amazing, 27. sights, 28. superior, 29. metaphors, 30. propensity, 31. surrounding, 32. triggered

33. The famous _____ used his puppet to tell jokes and entertain the audience.
- n.* a performer who entertains by making their voice appear to come from somewhere else, often through the use of a dummy or puppet
34. Our body transfers information along each _____ using an electrical impulse.
- n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
35. Sharks have highly developed _____ systems and are extremely sensitive creatures.
- adj.* of or relating to the physical senses
36. X-rays revealed a small tumor in his _____.
- n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
37. I don't _____ take a vacation in the middle of summer.
- adv.* usually; under normal conditions
38. Strikes had also _____ the preceding weeks.
- v.* to insert punctuation marks (= comma, period, colon, etc.) in the text; to interrupt periodically
39. The ventriloquist's _____ was incredibly lifelike and entertaining.
- n.* a model or imitation of something that is used as a substitute; a person who is perceived as lacking intelligence or acting foolishly
40. The _____ discrimination task revealed that she had difficulty differentiating between certain sounds.
- n.* the smallest possible unit of sound that can change the meaning of a word within a particular language; the basic unit of phonetics

ANSWERS: 33. ventriloquist, 34. neuron, 35. sensory, 36. brain, 37. normally, 38. punctuated, 39. dummy, 40. phoneme

41. Fresh _____ is a good source of vitamins and minerals.
n. a leafy green vegetable with a slightly bitter taste and high nutritional value, often used in salads or cooked dishes, and also famously associated with the cartoon character Popeye, who claimed eating spinach made him stronger
42. The _____ of the coffee was rich and full-bodied.
n. the taste sensation produced by a substance in the mouth
43. The mother sliced off a piece of _____.
n. a type of meat product usually made from pork, beef, or poultry, chopped into small pieces, put in a long tube of skin, then cooked or served cold in thin slices
44. It's intriguing to compare and _____ the two authors.
v. to put in opposition to show or emphasize differences
45. What do you _____ the culprit's motive was?
v. to think that something is likely to be actual or possible
46. Excuse me if my question is _____ to the topic.
adj. having no connection; not belonging to the kinship
47. A rainbow is a natural _____.
n. something that exists and can be perceptible, especially one that is not fully understood
48. He strove to memorize the Hebrew _____.
n. a character set that includes letters and is used to write a language
49. The museum has a vast collection of Greek _____.
n. a person-made object, especially one of historical or cultural interest

ANSWERS: 41. spinach, 42. flavor, 43. sausage, 44. contrast, 45. suppose, 46. unrelated, 47. phenomenon, 48. alphabet, 49. artifacts

50. The chef expertly _____ the sauce onto the plate.

v. to move in a circular or spiral pattern

51. The _____ has largely gotten positive feedback.

n. an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before

52. The structure is _____ of three main components.

v. to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it

53. The doctor prescribed some medicine for the mental _____.

n. an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions

54. The birds _____ open water areas with reeds around them.

v. to like, choose, or want one thing or person better than another

55. The police escorted the prisoner to the _____.

n. a facility where criminals are kept to be punished for their crimes; a prison

56. Adenine and thymine are complementary _____ in DNA.

n. a basic structural unit or building block of nucleic acids (DNA and RNA) consisting of a sugar molecule, a phosphate group, and a nitrogenous base (adenine, cytosine, guanine, thymine, or uracil), which combine to form the genetic code and carry information within cells

57. He is tall and _____ strong.

adv. in the same way

ANSWERS: 50. swirled, 51. novel, 52. composed, 53. disorder, 54. prefer, 55. jail, 56. nucleotides, 57. likewise

58. The _____ appearance of the building was impressive, but the inside was in dire need of repairs.

adj. relating to the external appearance or surface of something; visible

59. The interference during the phone call was due to _____ from nearby electrical wires.

n. interference or disturbance in electronic systems caused by signals or currents from adjacent or nearby elements or circuits; the phenomenon where one cellular signaling pathway influences or interferes with another

60. The artist's paintings were inspired by her _____ where she saw music as a visual medium.

n. a condition in which stimulation of one sensory or cognitive pathway leads to automatic and involuntary experiences in another pathway; for example, seeing specific colors when hearing certain sounds or experiencing tastes or smells when seeing certain shapes

61. His _____ attitude made it difficult for him to work with people from different backgrounds.

adj. believing or showing the belief that some people are naturally superior to others and, therefore, should have more power and privilege

62. Parallel lines are, by _____ lines on the same plane that never cross.

n. a concise explanation of the meaning of a word, phrase, or symbol

63. I love the smell of _____ sizzling in the morning.

n. a type of salt-cured pork that is usually sliced and fried; a meat product that is derived from the back or sides of a pig

64. The two paintings were _____ in style and subject matter.

adj. not alike or having little in common

ANSWERS: 58. outward, 59. crosstalk, 60. synesthesia, 61. elitist, 62. definition, 63. bacon, 64. dissimilar

ANSWERS: