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Vocabulary Builder Reference from...

Simon Lewis: Don't take consciousness for granted | TED Talk

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

Advanced Words Only

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Session 1: Word List

paramedic

n. a healthcare professional who is trained to provide emergency medical care to patients in the pre-hospital setting, often in ambulances or other emergency vehicles

synonym: emergency medical technician, ambulance attendant, medical responder

(1) **paramedic** ambulance, (2) emergency **paramedic**

The **paramedic** team worked together efficiently to stabilize the patient's vital signs.

wreckage

n. the remains of something that has been destroyed, ruined, severely damaged, or crashed, usually referring to vehicles, buildings, or machinery

synonym: debris, remains, demolition

(1) **wreckage** recovery, (2) ship **wreckage**

The **wreckage** of the plane was scattered across the field after the crash.

rib

n. each of a series of curved bones that are connected to the spine and surround the chest; (adjective) subject to laughter or ridicule

synonym: costa

(1) brake a **rib**, (2) **rib** cage

The accident caused a cracked **rib**.

pelvic

adj. of or relating to the pelvis, the lower part of the trunk of the human body, between the hips

(1) **pelvic** pain, (2) **pelvic** exam

The **pelvic** region is an important area of the human anatomy.

staunch

adj. firmly loyal and devoted, unyielding or resolute

synonym: strong, loyal, firm

(1) **staunch** conviction, (2) **staunch** opponent

She was a **staunch** supporter of the cause, always willing to speak out for her beliefs.

coma

n. a state of prolonged unconsciousness, typically caused by severe injury or illness, during which a person is unresponsive and lacks awareness of their surroundings

synonym: unconsciousness, stupor, sleep

(1) medical **coma**, (2) medically-induced **coma**

Unfortunately, the accident left him in a deep **coma**.

comatose

adj. relating to, associated with, or in a coma (= a state of deep and often prolonged unconsciousness)

synonym: senseless, sleepy

(1) fall into a **comatose** state, (2) lie **comatose** on the floor

The doctors revived the **comatose** patient.

intergalactic

adj. existing or occurring between different galaxies (= an independent group of stars)

synonym: extragalactic, cosmic, interstellar

(1) **intergalactic** travel, (2) **intergalactic** matter

The **intergalactic** spaceship traveled to distant planets.

awash

adj. flooded or overflowing with water, typically suddenly or unexpectedly; abundant or prevalent to the extent of being overwhelming or excessive

synonym: flooded, inundated, immersed

(1) **awash** with cash, (2) **awash** in debt

The beach was **awash** with seaweed after the storm.

catastrophic

adj. extremely harmful; causing physical or financial destruction

synonym : fatal, disastrous, destructive

(1) victim of **catastrophic** injuries, (2) **catastrophic** climate change

The extinction rate of aquatic animals was **catastrophic**.

providence

n. the protective care or guidance of God or nature as a spiritual power; divine intervention; the timely preparation for future eventualities or emergencies

synonym : protection, care, provision

(1) divine **providence**, (2) **providence** of nature

The success of our business venture was attributed to the guiding hand of **providence**.

drastic

adj. radical and extreme; likely to have a significant or far-reaching impact

synonym : extreme, fierce, radical

(1) **drastic** measures, (2) make **drastic** revision

The global community is undergoing **drastic** changes at present.

entail

v. to involve or require something as necessary, particularly as a consequence of a particular situation or action; to impose a burden or restriction on something

synonym : involve, necessitate, require

(1) **entail** legal consequences, (2) **entail** risks

The job offer **entails** a lot of responsibility and hard work.

rehabilitate

v. to restore to good health or physical condition; to help someone return to a normal life, especially after a period of illness, addiction, or imprisonment

synonym : reform, restore, renovate

(1) **rehabilitate** prisoners, (2) **rehabilitate** wildlife

The organization works to **rehabilitate** drug addicts and help them rebuild their lives.

Alzheimer

n. a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults

synonym : dementia, memory loss, cognitive decline

(1) **Alzheimer's** brain, (2) **Alzheimer's** risk factors

My grandmother has **Alzheimer's** disease requires special care and attention from her caregivers.

succumb

v. to fail to oppose something, such as desire, pressure, or some other opposing force; to die or suffer badly from the effect of a disease or injury

synonym : surrender, break down, die

(1) **succumb** to cancer, (2) **succumb** to old age

He finally **succumbed** to temptation.

alarming

adj. causing concern or apprehension; causing a feeling of danger, harm, or emergency; unsettling or disturbing

synonym : forbidding, concerning, disturbing

(1) **alarming** news, (2) **alarming** statistics

The sudden rise in crime rates in our neighborhood is quite **alarming**.

concussion

n. a violent blow or jolt to the head or body that jars the brain, often resulting in temporary or prolonged unconsciousness, confusion, or memory loss; a shock or upheaval caused by a sudden change or event

synonym : shock, trauma, head injury

(1) **concussion** symptoms, (2) **concussion** resistance

The football player suffered a **concussion** after being tackled during the game.

migraine

n. a severe headache typically felt as a throbbing pain on one side of the head

synonym : headache, cephalalgia, hemicrania

(1) suffer from **migraine**, (2) **migraine** attack
She gets **migraines** whenever she's under a lot of stress.

episodic

adj. happening or appearing at irregular intervals; not continuous or steady; of or relating to writing or narration
synonym: intermittent, recurrent, sporadic

(1) **episodic** story, (2) **episodic** event

The patient's memory loss is **episodic**, with periods of normal memory followed by episodes of amnesia.

awaken

v. to stop sleeping or to cause someone to stop sleeping
synonym: rouse, arouse, revive

(1) **awaken** at daybreak, (2) **awaken** a child

The friend's death **awakens** them.

hoe

n. a garden tool with a flat blade attached at right angles to a long handle

(1) garden **hoe**, (2) weeding **hoe**

She purchased a **hoe** and a sickle for a backyard vegetable garden.

euphoric

adj. an extreme feeling of well-being or excitement
synonym: enraptured, elated, delighted

(1) **euphoric** effects, (2) in a **euphoric** mood

The researchers are **euphoric** at the success of observing the black hole.

swivel

v. to rotate or turn around a fixed point or axis, often used to describe the action of a chair or other similar object that can rotate horizontally; (noun) a fastening device that allows the thing fastened to it to rotate or turn around freely

synonym: rotate, pivot, spin

(1) **swivel** 180 degrees around to face him, (2) **swivel** mechanism

I **swivel** my chair to face the window and enjoy the view.

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.

illumination

n. light or source of light; the degree of visibility of your environment

synonym : light, luminosity, brightness

(1) starry **illumination**, (2) indirect **illumination**

The skylight will give adequate **illumination** from above.

miraculous

adj. very effective or lucky, or completely unexpected

synonym : amazing, astonishing, awesome

(1) a **miraculous** encounter, (2) go through a **miraculous** change

He made a **miraculous** recovery.

pandemic

n. an outbreak of a disease that affects many people over a very wide area

synonym : outbreak

(1) flu **pandemic**, (2) global **pandemic**

They fear a **pandemic** of a new type of virus.

smashing

adj. very successful or impressive; causing something to be broken or destroyed

synonym : great, wonderful, breaking

(1) a **smashing** blow, (2) give **smashing** results

The band's new album was a **smashing** success, reaching the top of the charts.

plasticity

n. the quality or state of being easily molded, shaped, or modified; the capacity for change, adaptability, or flexibility, particularly about a material substance, biological process, or psychological trait

synonym : malleability, adaptability, flexibility

(1) muscle **plasticity**, (2) neural **plasticity**

The brain's **plasticity** allows it to change and adapt based on new experiences and learning.

redefine

v. to change the meaning or interpretation of something; to make people think about something in a new or different way

synonym : reconsider, reformulate, alter

(1) **redefine** customer experience, (2) **redefine** our role

The video telephony application has **redefined** the way we work.

neuropsychology

n. the branch of psychology that deals with the relationships between brain function and behavior

(1) **neuropsychology** research, (2) **neuropsychology** field

The study of **neuropsychology** is essential in understanding the relationship between the brain and behavior.

creep

v. to move slowly, quietly, and carefully, usually to avoid being seen or heard

synonym : crawl, glide, encroach

(1) **creep** along the leaf, (2) **creep** toward the mouse

Ageing **creeps** up slowly with time.

stabilize

v. to become or cause to become steady or unlikely to give way

synonym : brace, steady, secure

(1) **stabilize** prices, (2) **stabilize** blood sugar levels

The raising of interest rates **stabilizes** the inflation rate.

solidify

v. to make solid, firm, or compact; to cause to become solid

synonym : set, harden, congeal

(1) **solidify** a bond, (2) **solidify** a decision

The committee's decision helped to **solidify** the rules of the

game.

memoir

n. a historical account or biography written from the writer's knowledge of famous people, places, or events

synonym: bio, biography

(1) family **memoir**, (2) publish a **memoir**

He wrote his **memoirs** while awaiting trial.

scatter

v. to cause to separate and go in different directions

synonym: disperse, spread, bestrew

(1) **scatter** seeds, (2) **scatter** around the internet

The hunter's approach **scattered** the geese.

neurology

n. the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system

synonym: brain science, nervous system, neuropathology

(1) cognitive **neurology**, (2) **neurology** department

She is studying clinical **neurology** to become a brain surgeon.

opportune

adj. suitable or happening at a time that is suitable or convenient for a particular purpose

synonym: suitable, timely, practical

(1) **opportune** occasion, (2) an **opportune** remark

The phone rang at the most **opportune** time.

skeletal

adj. of, relating to, or forming a skeleton (= frame of bones); very thin or emaciated

synonym: bony, emaciated, gaunt

(1) **skeletal** system, (2) **skeletal** muscles

The older man was skinny and **skeletal** and not in good health.

imbalance

n. a situation in which two or more things are not equal or equally treated

synonym: inequality, asymmetry, instability

(1) trade **imbalance**, (2) symptoms of hormonal **imbalance**
An **imbalance** in certain substances causes problems with brain function.

mandible

n. the lower jawbone in vertebrates, including humans, which is usually hinged to the skull and movable; a pair of these bones forming the lower jaw of an insect

synonym : jawbone, bone, maxilla

(1) broken **mandible**, (2) insect **mandible**

The dentist inspected the patient's **mandible** during the routine check-up.

reposition

v. to move to a new or different position or location

synonym : relocate, move, shift

(1) **reposition** me in my bed, (2) **reposition** object

The company decided to **reposition** itself by changing its marketing strategy.

orthodontics

n. a branch of dentistry that deals with the diagnosis, prevention, and treatment of dental and facial irregularities, particularly those related to the misalignment of teeth and jaws; the use of various devices, including braces and retainers, to correct such irregularities and improve oral and facial function and appearance

synonym : dental braces, teeth alignment, dental correction

(1) doggie **orthodontics**, (2) **orthodontics** specialist

After years of wearing braces, her **orthodontics** treatment was finally complete.

misaligned

adj. not properly aligned or arranged; not placed in the correct position or orientation

synonym : crooked, askew, abused

(1) **misaligned** teeth, (2) **misaligned** priorities

The painting was crooked and **misaligned**, so the museum staff had to rehang it properly.

aneurysm

n. an abnormal, localized, and often dangerous bulging or dilation of a blood vessel, typically an artery, due to weakening of the vessel wall

synonym : balloon, bulge, swelling

(1) **aneurysm** rupture, (2) cerebral **aneurysm**

The patient was rushed to the hospital after experiencing a sudden **aneurysm** in his brain.

bulge

v. to protrude or extend outward

synonym : protrude, swell, expand

(1) **bulge** at the enterprise, (2) **bulge** with books

The muscles in his arm **bulged** as he lifted the heavyweights.

someplace

adv. somewhere without specifying a particular or exact location

synonym : somewhere, anywhere, wherever

(1) from **someplace** deep inside, (2) **someplace** quiet

Let's go **someplace** new and try something we have not done before.

volumetric

adj. relating to or measured by volume, which refers to the amount of space occupied by an object or substance

synonym : dimensional, spatial, cubic

(1) **volumetric** flow rate, (2) **volumetric** analysis

The 3D printer uses **volumetric** calculations to determine the material needed for each print job.

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.

innovate

v. to introduce new methods, ideas, or products

synonym : bring in, introduce, found

(1) **innovate** a new method, (2) **innovate** the quality of his life

Companies developing self-driving cars consistently **innovate** the emerging technologies.

fascinate

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

synonym: captivate, intrigue, mesmerize

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

The magic tricks **fascinated** the children.

paralyze

v. to cause a person or part of the body to become unable to move or feel

synonym: immobilize, disable, numb

(1) **paralyze** a city, (2) **paralyze** a person

The venom from the snake bite **paralyzed** his arm.

dime

n. an American or Canadian coin worth one-tenth of a dollar

(1) **dime** store, (2) behind a **dime**

He never received a **dime**, even from the company of a close friend.

fingertip

n. the end or tip of a finger

(1) apply **fingertip** pressure, (2) burn my **fingertip**

The archaeologist ran his **fingertips** along the pattern of the tombstones.

whisper

v. to speak very quietly to somebody using the breath rather than the voice so that only those close to you can hear you

synonym: murmur, rumor, mutter

(1) answer in a **whisper**, (2) the **whisper** of the leaves

He took me aside and **whispered** in my ear.

envelop

v. to surround and cover completely; to encase

synonym: wrap, cover, surround

(1) **envelop** the whole world, (2) **envelop** her in a bear hug

The fog **enveloped** the city, making it difficult to see.

amaze

v. to fill with wonder, surprise, or admiration

synonym: astound, surprise, stagger

(1) **amaze** and entertain visitors, (2) **amaze** everyone

The magician's tricks **amazed** the audience.

painstaking

adj. cautious and correct, and requiring a significant amount of effort

synonym: detailed, meticulous, conscientious

(1) **painstaking** research, (2) a **painstaking** student

The training of a hawk was a **painstaking** process.

stumble

v. to miss a step and fall or nearly fall; to walk unsteadily

synonym: bumble, struggle, misstep

(1) **stumble** financially, (2) **stumble** through life

She **stumbled** over the tree root.

chirp

n. a short, sharp sound that is made by birds or insects or by electronic devices such as alarms or beepers

synonym: tweet, chirrup, peep

(1) the **chirp** of a bird, (2) the **chirp** of a cricket

The sound of the **chirp** woke me up early in the morning.

cochlea

n. a spiral-shaped cavity in the inner ear that is responsible for hearing; it contains sensory hair cells that convert vibrations into electrical signals that are sent to the brain for interpretation

synonym: spiral organ, snail shell, inner ear

(1) **cochlea** spiral, (2) implanted **cochlea**

Damage to the **cochlea** can cause hearing loss or deafness.

retina

n. the innermost light-sensitive membrane covering the back wall of the eyeball

(1) **retinal** cells, (2) **retina** scanner

Damage to the **retina** may play a role in the development of

glaucoma.

exoskeleton

n. a hard, external protective covering or framework that supports and gives shape to the body of an invertebrate animal, such as an insect or crab

synonym: chitin, exocuticle, carapace

(1) **exoskeleton** suit, (2) robotic **exoskeleton**

The **exoskeleton** of the crab protects it from predators and environmental changes.

payback

n. a punishment or retaliation that is inflicted in response to an injury or offense; the benefit or gain obtained as a result of an investment, effort, or action

synonym: retribution, revenge, retaliation

(1) long-term **payback**, (2) environmental **payback**

The company's **payback** plan allowed customers to earn cash back on purchases.

Session 2: Spelling

1. fall into a co_____se state
adj. relating to, associated with, or in a coma (= a state of deep and often prolonged unconsciousness)
2. en____l risks
v. to involve or require something as necessary, particularly as a consequence of a particular situation or action; to impose a burden or restriction on something
3. the ch__p of a bird
n. a short, sharp sound that is made by birds or insects or by electronic devices such as alarms or beepers
4. en____l legal consequences
v. to involve or require something as necessary, particularly as a consequence of a particular situation or action; to impose a burden or restriction on something
5. Al_____er's brain
n. a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults
6. a pai_____ng student
adj. cautious and correct, and requiring a significant amount of effort
7. rep_____on object
v. to move to a new or different position or location
8. con_____on resistance
n. a violent blow or jolt to the head or body that jars the brain, often resulting in temporary or prolonged unconsciousness, confusion, or memory loss; a shock or upheaval caused by a sudden change or event

ANSWERS: 1. comatose, 2. entail, 3. chirp, 4. entail, 5. Alzheimer, 6. painstaking, 7. reposition, 8. concussion

9. st____e financially *v.* to miss a step and fall or nearly fall; to walk unsteadily
10. am__e everyone *v.* to fill with wonder, surprise, or admiration
11. mis_____ed priorities *adj.* not properly aligned or arranged; not placed in the correct position or orientation
12. al_____ng news *adj.* causing concern or apprehension; causing a feeling of danger, harm, or emergency; unsettling or disturbing
13. in_____te the quality of his life *v.* to introduce new methods, ideas, or products
14. aw__h in debt *adj.* flooded or overflowing with water, typically suddenly or unexpectedly; abundant or prevalent to the extent of being overwhelming or excessive
15. sk_____al system *adj.* of, relating to, or forming a skeleton (= frame of bones); very thin or emaciated
16. apply fi_____ip pressure *n.* the end or tip of a finger
17. aw__h with cash *adj.* flooded or overflowing with water, typically suddenly or unexpectedly; abundant or prevalent to the extent of being overwhelming or excessive
18. ort_____ics specialist *n.* a branch of dentistry that deals with the diagnosis, prevention, and treatment of dental and facial irregularities, particularly those related to the misalignment of teeth and jaws; the use of various devices, including braces and retainers, to correct such irregularities and improve oral and facial function and appearance

ANSWERS: 9. stumble, 10. amaze, 11. misaligned, 12. alarming, 13. innovate, 14. awash, 15. skeletal, 16. fingertip, 17. awash, 18. orthodontics

19. su____b to cancer *v.* to fail to oppose something, such as desire, pressure, or some other opposing force; to die or suffer badly from the effect of a disease or injury
20. behind a d__e *n.* an American or Canadian coin worth one-tenth of a dollar
21. theoretical ph____st *n.* a scientist who specializes in the field of physics
22. bu__e with books *v.* to protrude or extend outward
23. an____sm rupture *n.* an abnormal, localized, and often dangerous bulging or dilation of a blood vessel, typically an artery, due to weakening of the vessel wall
24. ep____ic story *adj.* happening or appearing at irregular intervals; not continuous or steady; of or relating to writing or narration
25. fever with neu____cal signs *adj.* of or relating to the science of neurology or the nervous system
26. dr____c measures *adj.* radical and extreme; likely to have a significant or far-reaching impact
27. cerebral an____sm *n.* an abnormal, localized, and often dangerous bulging or dilation of a blood vessel, typically an artery, due to weakening of the vessel wall
28. Al____er's risk factors *n.* a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults

ANSWERS: 19. succumb, 20. dime, 21. physicist, 22. bulge, 23. aneurysm, 24. episodic, 25. neurological, 26. drastic, 27. aneurysm, 28. Alzheimer

29. vol_____ic flow rate *adj.* relating to or measured by volume, which refers to the amount of space occupied by an object or substance
30. st_____e through life *v.* to miss a step and fall or nearly fall; to walk unsteadily
31. fa_____te the public *v.* to attract and hold the attention of someone deeply and irresistibly
32. divine pro_____ce *n.* the protective care or guidance of God or nature as a spiritual power; divine intervention; the timely preparation for future eventualities or emergencies
33. pa_____ic ambulance *n.* a healthcare professional who is trained to provide emergency medical care to patients in the pre-hospital setting, often in ambulances or other emergency vehicles
34. cr__p along the leaf *v.* to move slowly, quietly, and carefully, usually to avoid being seen or heard
35. re___a scanner *n.* the innermost light-sensitive membrane covering the back wall of the eyeball
36. the wh_____r of the leaves *v.* to speak very quietly to somebody using the breath rather than the voice so that only those close to you can hear you
37. re_____ne customer experience *v.* to change the meaning or interpretation of something; to make people think about something in a new or different way
38. doggie ort_____ics *n.* a branch of dentistry that deals with the diagnosis, prevention, and treatment of dental and facial irregularities, particularly those related to the misalignment of teeth and jaws; the use of various devices, including braces and retainers, to correct such irregularities and improve oral and facial function and appearance

ANSWERS: 29. volumetric, 30. stumble, 31. fascinate, 32. providence, 33.

paramedic, 34. creep, 35. retina, 36. whisper, 37. redefine, 38. orthodontics

39. wr____ge recovery *n.* the remains of something that has been destroyed, ruined, severely damaged, or crashed, usually referring to vehicles, buildings, or machinery
40. en____p the whole world *v.* to surround and cover completely; to encase
41. in a eu____ic mood *adj.* an extreme feeling of well-being or excitement
42. a mir____us encounter *adj.* very effective or lucky, or completely unexpected
43. reh____ate prisoners *v.* to restore to good health or physical condition; to help someone return to a normal life, especially after a period of illness, addiction, or imprisonment
44. flu pa____ic *n.* an outbreak of a disease that affects many people over a very wide area
45. environmental pa____k *n.* a punishment or retaliation that is inflicted in response to an injury or offense; the benefit or gain obtained as a result of an investment, effort, or action
46. ne____gy department *n.* the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system
47. an op____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
48. talented ph____st *n.* a scientist who specializes in the field of physics

ANSWERS: 39. wreckage, 40. envelop, 41. euphoric, 42. miraculous, 43. rehabilitate, 44. pandemic, 45. payback, 46. neurology, 47. opportune, 48. physicist

49. cognitive ne_____gy *n.* the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system
50. starry ill_____ion *n.* light or source of light; the degree of visibility of your environment
51. r_b cage *n.* each of a series of curved bones that are connected to the spine and surround the chest; (adjective) subject to laughter or ridicule
52. sw____l mechanism *v.* to rotate or turn around a fixed point or axis, often used to describe the action of a chair or other similar object that can rotate horizontally; (noun) a fastening device that allows the thing fastened to it to rotate or turn around freely
53. sc_____r around the internet *v.* to cause to separate and go in different directions
54. al_____ng statistics *adj.* causing concern or apprehension; causing a feeling of danger, harm, or emergency; unsettling or disturbing
55. burn my fi_____ip *n.* the end or tip of a finger
56. symptoms of hormonal im_____ce *n.* a situation in which two or more things are not equal or equally treated
57. int_____tic travel *adj.* existing or occurring between different galaxies (= an independent group of stars)
58. pro_____ce of nature *n.* the protective care or guidance of God or nature as a spiritual power; divine intervention; the timely preparation for future eventualities or emergencies

ANSWERS: 49. neurology, 50. illumination, 51. rib, 52. swivel, 53. scatter, 54. alarming, 55. fingertip, 56. imbalance, 57. intergalactic, 58. providence

59. st_____ze prices *v.* to become or cause to become steady or unlikely to give way
60. from so_____ce deep inside *adv.* somewhere without specifying a particular or exact location
61. pe___c pain *adj.* of or relating to the pelvis, the lower part of the trunk of the human body, between the hips
62. pa_____ze a person *v.* to cause a person or part of the body to become unable to move or feel
63. garden h_e *n.* a garden tool with a flat blade attached at right angles to a long handle
64. broken ma_____le *n.* the lower jawbone in vertebrates, including humans, which is usually hinged to the skull and movable; a pair of these bones forming the lower jaw of an insect
65. cat_____hic climate change *adj.* extremely harmful; causing physical or financial destruction
66. exo_____on suit *n.* a hard, external protective covering or framework that supports and gives shape to the body of an invertebrate animal, such as an insect or crab
67. brake a r_b *n.* each of a series of curved bones that are connected to the spine and surround the chest; (adjective) subject to laughter or ridicule
68. implanted co_____a *n.* a spiral-shaped cavity in the inner ear that is responsible for hearing; it contains sensory hair cells that convert vibrations into electrical signals that are sent to the brain for interpretation

ANSWERS: 59. stabilize, 60. someplace, 61. pelvic, 62. paralyze, 63. hoe, 64. mandible, 65. catastrophic, 66. exoskeleton, 67. rib, 68. cochlea

69. trade im_____ce *n.* a situation in which two or more things are not equal or equally treated
70. pe___c exam *adj.* of or relating to the pelvis, the lower part of the trunk of the human body, between the hips
71. pai_____ng research *adj.* cautious and correct, and requiring a significant amount of effort
72. reh_____ate wildlife *v.* to restore to good health or physical condition; to help someone return to a normal life, especially after a period of illness, addiction, or imprisonment
73. ship wr_____ge *n.* the remains of something that has been destroyed, ruined, severely damaged, or crashed, usually referring to vehicles, buildings, or machinery
74. st_____h opponent *adj.* firmly loyal and devoted, unyielding or resolute
75. aw___n a child *v.* to stop sleeping or to cause someone to stop sleeping
76. so_____fy a decision *v.* to make solid, firm, or compact; to cause to become solid
77. co_____a spiral *n.* a spiral-shaped cavity in the inner ear that is responsible for hearing; it contains sensory hair cells that convert vibrations into electrical signals that are sent to the brain for interpretation
78. pa_____ze a city *v.* to cause a person or part of the body to become unable to move or feel
79. sw___l 180 degrees around to face him *v.* to rotate or turn around a fixed point or axis, often used to describe the action of a chair or other similar object that can rotate horizontally; (noun) a fastening device that allows the thing fastened to it to rotate or turn around freely

ANSWERS: 69. imbalance, 70. pelvic, 71. painstaking, 72. rehabilitate, 73. wreckage, 74. staunch, 75. awaken, 76. solidify, 77. cochlea, 78. paralyze, 79. swivel

80. vol_____ic analysis *adj.* relating to or measured by volume, which refers to the amount of space occupied by an object or substance
81. neu_____ogy research *n.* the branch of psychology that deals with the relationships between brain function and behavior
82. sk_____al muscles *adj.* of, relating to, or forming a skeleton (= frame of bones); very thin or emaciated
83. indirect ill_____ion *n.* light or source of light; the degree of visibility of your environment
84. give sm_____ng results *adj.* very successful or impressive; causing something to be broken or destroyed
85. re____al cells *n.* the innermost light-sensitive membrane covering the back wall of the eyeball
86. a sm_____ng blow *adj.* very successful or impressive; causing something to be broken or destroyed
87. muscle pla_____ty *n.* the quality or state of being easily molded, shaped, or modified; the capacity for change, adaptability, or flexibility, particularly about a material substance, biological process, or psychological trait
88. in_____te a new method *v.* to introduce new methods, ideas, or products
89. eu_____ic effects *adj.* an extreme feeling of well-being or excitement
90. make dr_____c revision *adj.* radical and extreme; likely to have a significant or far-reaching impact
91. neu_____cal symptoms *adj.* of or relating to the science of neurology or the nervous system

ANSWERS: 80. volumetric, 81. neuropsychology, 82. skeletal, 83. illumination, 84. smashing, 85. retina, 86. smashing, 87. plasticity, 88. innovate, 89. euphoric, 90. drastic, 91. neurological

92. robotic exo_____on *n.* a hard, external protective covering or framework that supports and gives shape to the body of an invertebrate animal, such as an insect or crab
93. weeding h_e *n.* a garden tool with a flat blade attached at right angles to a long handle
94. so_____fy a bond *v.* to make solid, firm, or compact; to cause to become solid
95. d__e store *n.* an American or Canadian coin worth one-tenth of a dollar
96. rep_____on me in my bed *v.* to move to a new or different position or location
97. neural pla_____ty *n.* the quality or state of being easily molded, shaped, or modified; the capacity for change, adaptability, or flexibility, particularly about a material substance, biological process, or psychological trait
98. re_____ne our role *v.* to change the meaning or interpretation of something; to make people think about something in a new or different way
99. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
100. mi_____ne attack *n.* a severe headache typically felt as a throbbing pain on one side of the head
101. medically-induced c__a *n.* a state of prolonged unconsciousness, typically caused by severe injury or illness, during which a person is unresponsive and lacks awareness of their surroundings

ANSWERS: 92. exoskeleton, 93. hoe, 94. solidify, 95. dime, 96. reposition, 97. plasticity, 98. redefine, 99. opportune, 100. migraine, 101. coma

102. sc____r seeds *v.* to cause to separate and go in different directions
103. am__e and entertain visitors *v.* to fill with wonder, surprise, or admiration
104. medical c__a *n.* a state of prolonged unconsciousness, typically caused by severe injury or illness, during which a person is unresponsive and lacks awareness of their surroundings
105. cr__p toward the mouse *v.* to move slowly, quietly, and carefully, usually to avoid being seen or heard
106. neu_____ogy field *n.* the branch of psychology that deals with the relationships between brain function and behavior
107. en____p her in a bear hug *v.* to surround and cover completely; to encase
108. su____b to old age *v.* to fail to oppose something, such as desire, pressure, or some other opposing force; to die or suffer badly from the effect of a disease or injury
109. insect ma____le *n.* the lower jawbone in vertebrates, including humans, which is usually hinged to the skull and movable; a pair of these bones forming the lower jaw of an insect
110. ep____ic event *adj.* happening or appearing at irregular intervals; not continuous or steady; of or relating to writing or narration
111. so____ce quiet *adv.* somewhere without specifying a particular or exact location

ANSWERS: 102. scatter, 103. amaze, 104. coma, 105. creep, 106. neuropsychology, 107. envelop, 108. succumb, 109. mandible, 110. episodic, 111. someplace

112. bu__e at the enterprise v. to protrude or extend outward
113. lie co____se on the floor *adj.* relating to, associated with, or in a coma (= a state of deep and often prolonged unconsciousness)
114. go through a mir_____us change *adj.* very effective or lucky, or completely unexpected
115. answer in a wh____r v. to speak very quietly to somebody using the breath rather than the voice so that only those close to you can hear you
116. victim of cat_____hic injuries *adj.* extremely harmful; causing physical or financial destruction
117. publish a me____r *n.* a historical account or biography written from the writer's knowledge of famous people, places, or events
118. suffer from mi____ne *n.* a severe headache typically felt as a throbbing pain on one side of the head
119. aw____n at daybreak v. to stop sleeping or to cause someone to stop sleeping
120. st_____ze blood sugar levels v. to become or cause to become steady or unlikely to give way
121. st____h conviction *adj.* firmly loyal and devoted, unyielding or resolute
122. family me____r *n.* a historical account or biography written from the writer's knowledge of famous people, places, or events
123. int_____tic matter *adj.* existing or occurring between different galaxies (= an independent group of stars)

ANSWERS: 112. bulge, 113. comatose, 114. miraculous, 115. whisper, 116. catastrophic, 117. memoir, 118. migraine, 119. awaken, 120. stabilize, 121. staunch, 122. memoir, 123. intergalactic

124. mis_____ed teeth *adj.* not properly aligned or arranged; not placed in the correct position or orientation
125. con_____on symptoms *n.* a violent blow or jolt to the head or body that jars the brain, often resulting in temporary or prolonged unconsciousness, confusion, or memory loss; a shock or upheaval caused by a sudden change or event
126. long-term pa_____k *n.* a punishment or retaliation that is inflicted in response to an injury or offense; the benefit or gain obtained as a result of an investment, effort, or action
127. emergency pa_____ic *n.* a healthcare professional who is trained to provide emergency medical care to patients in the pre-hospital setting, often in ambulances or other emergency vehicles
128. global pa_____ic *n.* an outbreak of a disease that affects many people over a very wide area
129. fa_____te the young *v.* to attract and hold the attention of someone deeply and irresistibly
130. the ch__p of a cricket *n.* a short, sharp sound that is made by birds or insects or by electronic devices such as alarms or beepers

ANSWERS: 124. misaligned, 125. concussion, 126. payback, 127. paramedic, 128. pandemic, 129. fascinate, 130. chirp

Session 3: Fill in the Blanks

1. They fear a _____ of a new type of virus.
n. an outbreak of a disease that affects many people over a very wide area
2. The friend's death _____ them.
v. to stop sleeping or to cause someone to stop sleeping
3. The dentist inspected the patient's _____ during the routine check-up.
n. the lower jawbone in vertebrates, including humans, which is usually hinged to the skull and movable; a pair of these bones forming the lower jaw of an insect
4. The training of a hawk was a _____ process.
adj. cautious and correct, and requiring a significant amount of effort
5. The sudden rise in crime rates in our neighborhood is quite _____.
adj. causing concern or apprehension; causing a feeling of danger, harm, or emergency; unsettling or disturbing
6. The muscles in his arm _____ as he lifted the heavyweights.
v. to protrude or extend outward
7. The researchers are _____ at the success of observing the black hole.
adj. an extreme feeling of well-being or excitement
8. After years of wearing braces, her _____ treatment was finally complete.
n. a branch of dentistry that deals with the diagnosis, prevention, and treatment of dental and facial irregularities, particularly those related to the misalignment of teeth and jaws; the use of various devices, including braces and retainers, to correct such irregularities and improve oral and facial function and appearance

ANSWERS: 1. pandemic, 2. awakens, 3. mandible, 4. painstaking, 5. alarming, 6. bulged, 7. euphoric, 8. orthodontics

9. Aging _____ up slowly with time.

v. to move slowly, quietly, and carefully, usually to avoid being seen or heard

10. He wrote his _____ while awaiting trial.

n. a historical account or biography written from the writer's knowledge of famous people, places, or events

11. The company's _____ plan allowed customers to earn cash back on purchases.

n. a punishment or retaliation that is inflicted in response to an injury or offense; the benefit or gain obtained as a result of an investment, effort, or action

12. He made a _____ recovery.

adj. very effective or lucky, or completely unexpected

13. I _____ my chair to face the window and enjoy the view.

v. to rotate or turn around a fixed point or axis, often used to describe the action of a chair or other similar object that can rotate horizontally; (noun) a fastening device that allows the thing fastened to it to rotate or turn around freely

14. The _____ spaceship traveled to distant planets.

adj. existing or occurring between different galaxies (= an independent group of stars)

15. An _____ in certain substances causes problems with brain function.

n. a situation in which two or more things are not equal or equally treated

16. She gets _____ whenever she's under a lot of stress.

n. a severe headache typically felt as a throbbing pain on one side of the head

ANSWERS: 9. creeps, 10. memoirs, 11. payback, 12. miraculous, 13. swivel, 14. intergalactic, 15. imbalance, 16. migraines

17. The study of _____ is essential in understanding the relationship between the brain and behavior.
- n.* the branch of psychology that deals with the relationships between brain function and behavior
18. The patient was rushed to the hospital after experiencing a sudden _____ in his brain.
- n.* an abnormal, localized, and often dangerous bulging or dilation of a blood vessel, typically an artery, due to weakening of the vessel wall
19. The _____ of the crab protects it from predators and environmental changes.
- n.* a hard, external protective covering or framework that supports and gives shape to the body of an invertebrate animal, such as an insect or crab
20. The doctors revived the _____ patient.
- adj.* relating to, associated with, or in a coma (= a state of deep and often prolonged unconsciousness)
21. Damage to the _____ may play a role in the development of glaucoma.
- n.* the innermost light-sensitive membrane covering the back wall of the eyeball
22. The football player suffered a _____ after being tackled during the game.
- n.* a violent blow or jolt to the head or body that jars the brain, often resulting in temporary or prolonged unconsciousness, confusion, or memory loss; a shock or upheaval caused by a sudden change or event
23. The committee's decision helped to _____ the rules of the game.
- v.* to make solid, firm, or compact; to cause to become solid

ANSWERS: 17. neuropsychology, 18. aneurysm, 19. exoskeleton, 20. comatose, 21. retina, 22. concussion, 23. solidify

24. The venom from the snake bite _____ his arm.
- v.* to cause a person or part of the body to become unable to move or feel
25. Damage to the _____ can cause hearing loss or deafness.
- n.* a spiral-shaped cavity in the inner ear that is responsible for hearing; it contains sensory hair cells that convert vibrations into electrical signals that are sent to the brain for interpretation
26. She is studying clinical _____ to become a brain surgeon.
- n.* the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system
27. The archaeologist ran his _____ along the pattern of the tombstones.
- n.* the end or tip of a finger
28. The job offer _____ a lot of responsibility and hard work.
- v.* to involve or require something as necessary, particularly as a consequence of a particular situation or action; to impose a burden or restriction on something
29. The success of our business venture was attributed to the guiding hand of _____.
- n.* the protective care or guidance of God or nature as a spiritual power; divine intervention; the timely preparation for future eventualities or emergencies
30. The accident caused a cracked ____.
- n.* each of a series of curved bones that are connected to the spine and surround the chest; (adjective) subject to laughter or ridicule
31. The magician's tricks _____ the audience.
- v.* to fill with wonder, surprise, or admiration

ANSWERS: 24. paralyzed, 25. cochlea, 26. neurology, 27. fingertips, 28. entails, 29. providence, 30. rib, 31. amazed

32. The brain's _____ allows it to change and adapt based on new experiences and learning.
- n.* the quality or state of being easily molded, shaped, or modified; the capacity for change, adaptability, or flexibility, particularly about a material substance, biological process, or psychological trait
33. The skylight will give adequate _____ from above.
- n.* light or source of light; the degree of visibility of your environment
34. Let's go _____ new and try something we have not done before.
- adv.* somewhere without specifying a particular or exact location
35. She _____ over the tree root.
- v.* to miss a step and fall or nearly fall; to walk unsteadily
36. The band's new album was a _____ success, reaching the top of the charts.
- adj.* very successful or impressive; causing something to be broken or destroyed
37. Einstein was an outstanding and famous _____ of the 20th century.
- n.* a scientist who specializes in the field of physics
38. The beach was _____ with seaweed after the storm.
- adj.* flooded or overflowing with water, typically suddenly or unexpectedly; abundant or prevalent to the extent of being overwhelming or excessive
39. She purchased a _____ and a sickle for a backyard vegetable garden.
- n.* a garden tool with a flat blade attached at right angles to a long handle
40. The company decided to _____ itself by changing its marketing strategy.
- v.* to move to a new or different position or location

ANSWERS: 32. plasticity, 33. illumination, 34. someplace, 35. stumbled, 36. smashing, 37. physicist, 38. awash, 39. hoe, 40. reposition

41. The painting was crooked and _____ so the museum staff had to rehang it properly.
adj. not properly aligned or arranged; not placed in the correct position or orientation
42. The _____ of the plane was scattered across the field after the crash.
n. the remains of something that has been destroyed, ruined, severely damaged, or crashed, usually referring to vehicles, buildings, or machinery
43. The patient's memory loss is _____ with periods of normal memory followed by episodes of amnesia.
adj. happening or appearing at irregular intervals; not continuous or steady; of or relating to writing or narration
44. The 3D printer uses _____ calculations to determine the material needed for each print job.
adj. relating to or measured by volume, which refers to the amount of space occupied by an object or substance
45. The _____ team worked together efficiently to stabilize the patient's vital signs.
n. a healthcare professional who is trained to provide emergency medical care to patients in the pre-hospital setting, often in ambulances or other emergency vehicles
46. The older man was skinny and _____ and not in good health.
adj. of, relating to, or forming a skeleton (= frame of bones); very thin or emaciated
47. She was a _____ supporter of the cause, always willing to speak out for her beliefs.
adj. firmly loyal and devoted, unyielding or resolute

ANSWERS: 41. misaligned, 42. wreckage, 43. episodic, 44. volumetric, 45. paramedic, 46. skeletal, 47. staunch

48. The sound of the _____ woke me up early in the morning.
n. a short, sharp sound that is made by birds or insects or by electronic devices such as alarms or beepers
49. The patient was diagnosed with a _____ disorder affecting their motor skills.
adj. of or relating to the science of neurology or the nervous system
50. The global community is undergoing _____ changes at present.
adj. radical and extreme; likely to have a significant or far-reaching impact
51. My grandmother has _____ disease requires special care and attention from her caregivers.
n. a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults
52. Companies developing self-driving cars consistently _____ the emerging technologies.
v. to introduce new methods, ideas, or products
53. The phone rang at the most _____ time.
adj. suitable or happening at a time that is suitable or convenient for a particular purpose
54. Unfortunately, the accident left him in a deep _____.
n. a state of prolonged unconsciousness, typically caused by severe injury or illness, during which a person is unresponsive and lacks awareness of their surroundings
55. He finally _____ to temptation.
v. to fail to oppose something, such as desire, pressure, or some other opposing force; to die or suffer badly from the effect of a disease or injury

ANSWERS: 48. chirp, 49. neurological, 50. drastic, 51. Alzheimer's, 52. innovate, 53. opportune, 54. coma, 55. succumbed

56. The extinction rate of aquatic animals was _____.

adj. extremely harmful; causing physical or financial destruction

57. The raising of interest rates _____ the inflation rate.

v. to become or cause to become steady or unlikely to give way

58. The organization works to _____ drug addicts and help them rebuild their lives.

v. to restore to good health or physical condition; to help someone return to a normal life, especially after a period of illness, addiction, or imprisonment

59. The video telephony application has _____ the way we work.

v. to change the meaning or interpretation of something; to make people think about something in a new or different way

60. The _____ region is an important area of the human anatomy.

adj. of or relating to the pelvis, the lower part of the trunk of the human body, between the hips

61. He never received a _____ even from the company of a close friend.

n. an American or Canadian coin worth one-tenth of a dollar

62. The hunter's approach _____ the geese.

v. to cause to separate and go in different directions

63. The fog _____ the city, making it difficult to see.

v. to surround and cover completely; to encase

64. He took me aside and _____ in my ear.

v. to speak very quietly to somebody using the breath rather than the voice so that only those close to you can hear you

ANSWERS: 56. catastrophic, 57. stabilizes, 58. rehabilitate, 59. redefined, 60. pelvic, 61. dime, 62. scattered, 63. enveloped, 64. whispered

65. The magic tricks _____ the children.

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

ANSWERS: 65. fascinated