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Vocabulary Builder Reference from...

Kaitlyn Sadtler: How we could teach our bodies to heal faster | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

vaccine

n. a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)

synonym : vaccinum

(1) development of **vaccines**, (2) an oral **vaccine**

The mRNA **vaccine** was approved in less than a year because it did not contain the fragments of the target virus.

heal

v. to make a wound or injury to become well again

synonym : recover, bring around, mend

(1) **heal** a broken bone, (2) **heal** the hurt mind

It will take time for her mental scars to **heal**.

accident

n. an unfortunate event, especially one causing damage or injury

synonym : calamity, casualty, chance

(1) cause an **accident**, (2) injury in a car **accident**

The **accident** partially destroyed my vehicle.

scar

n. a mark that remains on the skin after a wound has healed

synonym : blemish, imperfection, blotch

(1) burn **scar**, (2) carry a **scar**

Even after the wound has healed, a **scar** remains.

regenerate

v. to improve or renew an area, institution, system, etc., especially by making it more active or successful

synonym: renew, revive, improve

(1) **regenerate** bone tissue, (2) a **regenerate** sinner

The new CEO's primary mission is to **regenerate** the company on the verge of bankruptcy.

regrow

v. to grow back or regenerate after being cut or removed, such as cells or tissues in the body, or plants and vegetation

synonym: regenerate

(1) **regrow** hair, (2) **regrow** vegetation

Lizards can **regrow** their tails if they are cut off.

instruct

v. to teach someone practical skills or knowledge; to formally order or tell someone to do something

synonym: train, coach, guide

(1) **instruct** a student, (2) **instruct** a computer

The facility manager **instructed** the security guards to be on high alert.

immune

adj. protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells

synonym: resistant, unsusceptible, unaffected

(1) **immune** from criminal prosecution, (2) the cell of the **immune** system

The vaccination does not necessarily make you completely **immune**.

tissue

n. an ensemble of similar cells of the animal or plant that together carry out a specific function

synonym: structure, texture, anatomy

(1) a facial **tissue**, (2) loss of muscle **tissue**

The researcher separated the nervous **tissue** for microscopic

examinations.

disease

n. a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems

synonym: illness, ailment, affliction

(1) **disease** prevention, (2) **disease** control

The doctor diagnosed him with a rare **disease** that had no known cure.

nowhere

adv. not in, at, or to any place; not anywhere

(1) **nowhere** else to go, (2) come out of **nowhere**

I've been thinking all day and getting **nowhere**.

magic

n. beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers

synonym: fascination, illusion, wizardry

(1) a **magic** spell, (2) she is **magic**

He performed **magic** tricks with sophisticated moves.

achieve

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

synonym: accomplish, attain, reach

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

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

feat

n. a notable or impressive achievement, especially one that requires great skill or bravery

synonym: achievement, accomplishment, exploit

(1) intellectual **feat**, (2) **feat** accomplishment

It is an incredible **feat** to climb Mount Everest, the highest mountain in the world.

lizard

n. a reptile that has a relatively long body, two pairs of legs, and a tapering tail

(1) giant **lizard**, (2) **lizard** leather
The **lizard's** tail regenerates if severed.

humble

adj. having or showing a modest or low estimate of one's quality or importance

synonym : modest, unpretentious, abject

(1) a **humble** cottage, (2) **humble** opinion

The nobler, the more **humble**.

salamander

n. any of various typically terrestrial amphibians that resemble lizards and that return to water only to breed

synonym : amphibian

(1) terrestrial **salamander**, (2) semiaquatic **salamander**

We plan to raise a giant **salamander** as a pet.

mere

adj. used to emphasize how insignificant or minor someone or something is

synonym : bare, minor, sheer

(1) **mere** acquaintance, (2) **mere** incident

He lost the election by **mere** votes.

liver

n. a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins

(1) **liver** disease, (2) fatty **liver**

The patient will undergo **liver** transplant surgery tomorrow.

mass

n. a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

synonym : abundance, crowd, mob

(1) a **mass** of molten rock, (2) critical **mass**

The **mass** of people who do not own property is politically impotent.

investigate

v. to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to

establish the truth

synonym: examine, analyze, look into

(1) **investigate** the matter, (2) **investigate** a data leak

The committee **investigated** several apparent inconsistencies.

instruction

n. detailed direction, order, etc., on how to do or use something

synonym: education, direction, guidance

(1) individual **instruction**, (2) follow his **instructions**

They needed further **instruction** to perform their duties efficiently.

scrape

v. to draw something along a rough or hard surface, typically to remove dirt or other matter

synonym: scratch, graze, rub

(1) **scrape** meat off a bone, (2) **scrape** a hole in the ground

He **scraped** the mud off his boots before entering the house.

annoying

adj. making someone feel slightly angry

synonym: aggravating, bothersome, irksome

(1) **annoying** banner ad, (2) **annoying** habit

The phone call is an **annoying** interruption.

sinus

n. a cavity in a bone, especially in the bones of the head, or a similar cavity or channel in a plant or animal

synonym: cavity, pocket, air space

(1) chronic **sinus** infections, (2) paranasal **sinus**

The **sinus** pressure was causing me a lot of pain.

infection

n. a condition in which pathogenic microorganisms or viruses have entered the body

synonym: contagion, disease, transmission

(1) a bacterial **infection**, (2) treat the **infection** with antibiotics

Hospitals must meet various standards to prevent nosocomial

infections.

defend

v. to protect someone or something from attack, criticism, danger, etc.

synonym: protect, guard, support

(1) **defend** my country, (2) **defend** against a threat

International law allows each nation to **defend** itself when its rights and interests are illegally violated.

immunology

n. the branch of medical science that deals with the immune system of the body and its functions, including the body's response to foreign substances such as viruses and bacteria; it also involves the study of immunodeficiencies, autoimmune diseases, and immunotherapies

synonym: study of immunity, immunobiology, serology

(1) **immunology** research, (2) **immunology** laboratory

Recent advances in **immunology** have shown promise in the fight against cancer

identify

v. to recognize someone or something and say or prove who or what they are

synonym: determine, specify, recognize

(1) **identify** handwriting, (2) **identify** gene sequences

I will introduce you to how to **identify** the leading causes of the malfunction.

bruise

n. a mark caused by a blow, typically one that is purple or black on the skin

synonym: contusion, injury, wound

(1) livid **bruise**, (2) earlier emotional **bruise**

She had a **bruise** on her arm from where she fell on the playground.

injury

n. harm done to a person's or an animal's body caused by an accident or an attack

synonym: wound, damage, hurt

(1) without **injury**, (2) a fatal **injury**

My accidental **injury** got better right away.

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.

bacteria

n. single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease

synonym: microorganism, microbe

(1) pathogenic **bacteria**, (2) harmless **bacteria**

Bacteria prevalent in hospitals are often resistant to antibiotics.

discovery

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

synonym: finding, uncovering, detection

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

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

specific

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

synonym: particular, definite, distinct

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

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

implant

v. to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind

synonym: insert, fix, place

(1) **implant** genes in the animals, (2) **implant** into the uterus

The doctor will **implant** a pacemaker to regulate his heart rate.

absolutely

adv. without restriction or limitation; completely or utterly

synonym : completely, utterly, definitely

(1) **absolutely** against, (2) **absolutely** obsessed with the girl

I am **absolutely** opposed to his idea because of morality.

critic

n. someone who expresses opinions about the quality of books, music, etc.

synonym : pundit, analyst, attacker

(1) art **critic**, (2) severe **critic**

Advocates for legal reform hear less harsh words from their **critics**.

healing

n. the process of becoming or making somebody or something well again

synonym : recovery, recuperation, convalescence

(1) natural **healing** ability, (2) part of the **healing** process

Each ancient tribe has its **healing** traditions.

tap

v. to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.

synonym : knock, exploit, use

(1) **tap** a new market, (2) **tap** keyboard with an index finger

To expand the company, we must **tap** new human resources.

functional

adj. designed for or capable of a particular activity, purpose, or task; practical or ready for use or service

synonym : applicable, practical, usable

(1) field of **functional** medicine, (2) **functional** deafness

The mobile phone was still **functional** even after being dropped.

develop

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

synonym: evolve, progress, advance

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

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

pacemaker

- n.* a small electronic device that is implanted in the chest to regulate the heartbeat of people with certain heart conditions; a person or thing that sets the pace or rhythm for others

synonym: heartbeat regulator, pacer, pacesetter

(1) implanted **pacemaker**, (2) **pacemaker** battery

Some people with **pacemakers** may need to avoid certain activities or sources of electromagnetic interference.

insulin

- n.* a hormone produced in the pancreas that controls the amount of sugar in the blood, or a similar artificial substance used for the treatment of diabetes

(1) daily **insulin** dose, (2) development of **insulin** resistance

He had an **insulin** shock after drinking large quantities of fruit juices.

pump

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

synonym: drain, inject, send

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

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

engineer

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

synonym : architect, creator, builder

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

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

scaffold

n. a temporary platform or structure used to support workers and materials during construction or maintenance work

synonym : platform, staging, framework

(1) **scaffold** construction, (2) go to the **scaffold**

The construction workers set up the **scaffold** to reach the top of the building.

environment

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

synonym : atmosphere, surroundings, climate

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

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

protein

n. a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues

(1) stress **protein**, (2) **protein** synthesis

The body needs a certain amount of **protein** to build and repair tissues.

stem

n. the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in

synonym : branch, limb, (verb) come from

(1) **stem** from a belief, (2) the **stem** of a matchstick

A rose has thorns on its **stem**.

binge

n. a period of excessive or uncontrolled consumption, often of food or alcohol; a spree or bout of reckless behavior or indulgence

synonym : spree, overindulgence, splurge

(1) **binge** on social media, (2) alcohol **binge**

She stayed up all night **binge-watching** her favorite TV show.

naturally

adv. as might be expected; by natural manners

synonym : by nature, inherently, intrinsically

(1) **naturally** arising, (2) **naturally** regenerated forest

He was **naturally** gifted.

fiber

n. thread or filament used to make a vegetable tissue, mineral material, or textile

synonym : yarn, thread, wool

(1) carbon **fiber**, (2) synthetic **fiber**

We must consume dietary **fiber** to maintain good health.

vary

v. to become different in terms of size, shape, etc.

synonym : alter, contrast, differ

(1) **vary** according to the age, (2) **vary** directly with the price

Maximum heart rates **vary** a lot for each individual.

sponge

n. a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning

(1) sea **sponge**, (2) metallic **sponge**

The tiny marine **sponge** has existed for more than 500 million years.

gel

n. a semi-solid substance, often transparent or translucent, that is used in various products from personal care to food to medicine, and which typically consists of a gelling agent that thickens the liquid

synonym : jelly, goo, paste

(1) **gel** nail polish, (2) antibacterial **gel**

I must use hair **gel** to style my hair for the job interview.

stiff *adj.* not easily bent, flexible, or pliable; difficult to move or be maneuvered; difficult to relax; having a heavy or formal manner
synonym: rigid, inflexible, unbending
(1) **stiff** muscles, (2) **stiff** penalty
Her body felt **stiff** after sitting at her desk for hours without moving.

release *v.* to set free or allow to escape from confinement
synonym: free, let go, discharge
(1) **release** a prisoner, (2) **release** CO2 into the air
The animal rights group worked to **release** the dolphins back into the wild.

orchestrate *v.* to plan, coordinate, or arrange something, especially skillfully or cleverly; (noun) the act of organizing or directing the elements of a composition, especially in music
synonym: plan, coordinate, arrange
(1) **orchestrate** a takeover, (2) **orchestrate** the political reinstatement
He carefully **orchestrated** the details of his business plan.

cue *n.* a signal, gesture, or action that provides information or direction for someone else to act or respond; a reminder or prompt for someone to do something
synonym: signal, sign, hint
(1) **cue** card, (2) visual **cue**
The director gave the actor a **cue** to begin the scene.

prop *n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something
synonym: support, buttress, column

(1) emotional **prop**, (2) **prop** stick
We have finally lost our last **prop**.

horror

n. intense fear or disgust, especially at something shocking or terrifying

synonym: fear, terror, dread

(1) **horror** movie, (2) **horror-struck** look

The stories of war crimes filled her with **horror**.

combine

v. to join or merge to form a single thing or group

synonym: coalesce, cohere, blend

(1) **combine** chemically with another substance,

(2) **combine** augmented reality

Hydrogen and oxygen **combine** to form water.

mimic

v. to imitate someone's speech, movement, or behavior, especially to make others laugh

synonym: mirror, imitate, ape

(1) **mimic** a human voice, (2) **mimic** numerous instruments

He is very popular at school because he can **mimic** all the teachers' accents.

proof

n. a fact or piece of information that shows something is true or exists

synonym: testimony, evidence, assurance

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

Proof is better than argument.

band-aid

n. a small strip or patch of adhesive material, with a sterile gauze pad in the center, used to cover a minor wound or injury and help promote healing

synonym: adhesive strip, sticking plaster

(1) **band-aid** solution, (2) temporary **band-aid** fix

I cut my finger, so I put a **band-aid** on the wound.

mold

n. a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape

as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

synonym: cavity, cast, mildew

(1) a casting **mold**, (2) **mold** allergy

Mushrooms and **mold** are fungi.

wolverine

n. a carnivorous mammal native to the Arctic and sub-Arctic regions of North America and Eurasia

synonym: glutton, devil bear, skunk bear

(1) **wolverine** habitat, (2) reintroduction of **wolverine**

The **wolverine** population has declined in many areas due to habitat loss and human activity.

probable

adj. likely to happen or likely to be true

synonym: likely, possible, potential

(1) **probable** outcome, (2) **probable** cause of a fire

It seems **probable** that he has forgotten our scheduled meeting.

advance

v. to go or move forward; to develop in a positive way

synonym: progress, boost, come along

(1) **advance** the technology, (2) **advance** a cooperative relationship

Scientific knowledge will **advance** significantly with the power of AI.

pace

n. the speed at which someone or something moves, or the rate at which something happens or changes

synonym: gait, rate, speed

(1) at your own **pace**, (2) the runner's **pace**

The economy is growing at a supercharged **pace**.

Session 2: Spelling

1. st__f penalty *adj.* not easily bent, flexible, or pliable; difficult to move or be maneuvered; difficult to relax; having a heavy or formal manner
2. carry a s__r *n.* a mark that remains on the skin after a wound has healed
3. de___d against a threat *v.* to protect someone or something from attack, criticism, danger, etc.
4. g_l nail polish *n.* a semi-solid substance, often transparent or translucent, that is used in various products from personal care to food to medicine, and which typically consists of a gelling agent that thickens the liquid
5. a fatal in___y *n.* harm done to a person's or an animal's body caused by an accident or an attack
6. without in___y *n.* harm done to a person's or an animal's body caused by an accident or an attack
7. hu___e opinion *adj.* having or showing a modest or low estimate of one's quality or importance
8. h__l the hurt mind *v.* to make a wound or injury to become well again
9. a casting m__d *n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

ANSWERS: 1. stiff, 2. scar, 3. defend, 4. gel, 5. injury, 6. injury, 7. humble, 8. heal, 9. mold

10. earlier emotional br___e *n.* a mark caused by a blow, typically one that is purple or black on the skin
11. the great di_____ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
12. m__d allergy *n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long
13. m__e acquaintance *adj.* used to emphasize how insignificant or minor someone or something is
14. im_____t into the uterus *v.* to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind
15. the runner's p__e *n.* the speed at which someone or something moves, or the rate at which something happens or changes
16. di_____e control *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
17. ad_____e a cooperative relationship *v.* to go or move forward; to develop in a positive way
18. id_____fy handwriting *v.* to recognize someone or something and say or prove who or what they are

ANSWERS: 10. bruise, 11. discovery, 12. mold, 13. mere, 14. implant, 15. pace, 16. disease, 17. advance, 18. identify

19. at your own p__e *n.* the speed at which someone or something moves, or the rate at which something happens or changes
20. go to the sc____ld *n.* a temporary platform or structure used to support workers and materials during construction or maintenance work
21. carbon fi__r *n.* thread or filament used to make a vegetable tissue, mineral material, or textile
22. giant li____d *n.* a reptile that has a relatively long body, two pairs of legs, and a tapering tail
23. co____e augmented reality *v.* to join or merge to form a single thing or group
24. a geometric pr__f *n.* a fact or piece of information that shows something is true or exists
25. semiaquatic sal____er *n.* any of various typically terrestrial amphibians that resemble lizards and that return to water only to breed
26. loss of muscle ti____e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
27. orc____te the political reinstatement *v.* to plan, coordinate, or arrange something, especially skillfully or cleverly; (noun) the act of organizing or directing the elements of a composition, especially in music
28. co____e chemically with another substance *v.* to join or merge to form a single thing or group
29. synthetic fi__r *n.* thread or filament used to make a vegetable tissue, mineral material, or textile

ANSWERS: 19. pace, 20. scaffold, 21. fiber, 22. lizard, 23. combine, 24. proof, 25. salamander, 26. tissue, 27. orchestrate, 28. combine, 29. fiber

30. reg_____te bone tissue *v.* to improve or renew an area, institution, system, etc., especially by making it more active or successful
31. paranasal si__s *n.* a cavity in a bone, especially in the bones of the head, or a similar cavity or channel in a plant or animal
32. di_____e prevention *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
33. s__m from a belief *n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in
34. antibacterial g_l *n.* a semi-solid substance, often transparent or translucent, that is used in various products from personal care to food to medicine, and which typically consists of a gelling agent that thickens the liquid
35. a scientific di_____ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
36. a bacterial in_____on *n.* a condition in which pathogenic microorganisms or viruses have entered the body
37. de_____p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

ANSWERS: 30. regenerate, 31. sinus, 32. disease, 33. stem, 34. gel, 35. discovery, 36. infection, 37. develop

38. pathogenic ba____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
39. wo_____ne habitat *n.* a carnivorous mammal native to the Arctic and sub-Arctic regions of North America and Eurasia
40. pr_____le cause of a fire *adj.* likely to happen or likely to be true
41. de____d my country *v.* to protect someone or something from attack, criticism, danger, etc.
42. imm_____gy research *n.* the branch of medical science that deals with the immune system of the body and its functions, including the body's response to foreign substances such as viruses and bacteria; it also involves the study of immunodeficiencies, autoimmune diseases, and immunotherapies
43. sc_____ld construction *n.* a temporary platform or structure used to support workers and materials during construction or maintenance work
44. in_____ct a student *v.* to teach someone practical skills or knowledge; to formally order or tell someone to do something
45. ac_____e milestones *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do

ANSWERS: 38. bacteria, 39. wolverine, 40. probable, 41. defend, 42. immunology, 43. scaffold, 44. instruct, 45. achieve

46. mi__c numerous instruments *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
47. reintroduction of wo_____ne *n.* a carnivorous mammal native to the Arctic and sub-Arctic regions of North America and Eurasia
48. imm_____gy laboratory *n.* the branch of medical science that deals with the immune system of the body and its functions, including the body's response to foreign substances such as viruses and bacteria; it also involves the study of immunodeficiencies, autoimmune diseases, and immunotherapies
49. injury in a car ac_____nt *n.* an unfortunate event, especially one causing damage or injury
50. t_p keyboard with an index finger *v.* to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
51. re_____e CO2 into the air *v.* to set free or allow to escape from confinement
52. in_____ct a computer *v.* to teach someone practical skills or knowledge; to formally order or tell someone to do something
53. daily in_____n dose *n.* a hormone produced in the pancreas that controls the amount of sugar in the blood, or a similar artificial substance used for the treatment of diabetes
54. re___w vegetation *v.* to grow back or regenerate after being cut or removed, such as cells or tissues in the body, or plants and vegetation

ANSWERS: 46. mimic, 47. wolverine, 48. immunology, 49. accident, 50. tap, 51. release, 52. instruct, 53. insulin, 54. regrow

55. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
56. emotional p__p *n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something
57. m__e incident *adj.* used to emphasize how insignificant or minor someone or something is
58. de_____p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
59. v__y directly with the price *v.* to become different in terms of size, shape, etc.
60. pa_____er battery *n.* a small electronic device that is implanted in the chest to regulate the heartbeat of people with certain heart conditions; a person or thing that sets the pace or rhythm for others
61. follow his ins_____ons *n.* detailed direction, order, etc., on how to do or use something
62. harmless ba_____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease

ANSWERS: 55. environment, 56. prop, 57. mere, 58. develop, 59. vary, 60. pacemaker, 61. instruction, 62. bacteria

63. an oral va_____e *n.* a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)
64. no_____e else to go *adv.* not in, at, or to any place; not anywhere
65. ho___r-struck look *n.* intense fear or disgust, especially at something shocking or terrifying
66. im_____t genes in the animals *v.* to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind
67. terrestrial sal_____er *n.* any of various typically terrestrial amphibians that resemble lizards and that return to water only to breed
68. orc_____te a takeover *v.* to plan, coordinate, or arrange something, especially skillfully or cleverly; (noun) the act of organizing or directing the elements of a composition, especially in music
69. a facial ti___e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
70. come out of no_____e *adv.* not in, at, or to any place; not anywhere
71. art cr___c *n.* someone who expresses opinions about the quality of books, music, etc.
72. a ma__c spell *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers

ANSWERS: 63. vaccine, 64. nowhere, 65. horror, 66. implant, 67. salamander, 68. orchestrate, 69. tissue, 70. nowhere, 71. critic, 72. magic

73. critical m__s *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
74. p__p stick *n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something
75. fatty li__r *n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
76. severe cr___c *n.* someone who expresses opinions about the quality of books, music, etc.
77. li__r disease *n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
78. h__l a broken bone *v.* to make a wound or injury to become well again
79. ac_____e success *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
80. a civil en_____er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
81. st__f muscles *adj.* not easily bent, flexible, or pliable; difficult to move or be maneuvered; difficult to relax; having a heavy or formal manner

ANSWERS: 73. mass, 74. prop, 75. liver, 76. critic, 77. liver, 78. heal, 79. achieve, 80. engineer, 81. stiff

82. inv_____te a data leak *v.* to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth
83. a hu___e cottage *adj.* having or showing a modest or low estimate of one's quality or importance
84. t_p a new market *v.* to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
85. fun_____al deafness *adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service
86. bi___e on social media *n.* a period of excessive or uncontrolled consumption, often of food or alcohol; a spree or bout of reckless behavior or indulgence
87. a fence sur_____ng a castle *adj.* that is near or around, or closely encircling something
88. f__t accomplishment *n.* a notable or impressive achievement, especially one that requires great skill or bravery
89. re_____e a prisoner *v.* to set free or allow to escape from confinement
90. na_____ly arising *adv.* as might be expected; by natural manners
91. intellectual f__t *n.* a notable or impressive achievement, especially one that requires great skill or bravery

ANSWERS: 82. investigate, 83. humble, 84. tap, 85. functional, 86. binge, 87. surrounding, 88. feat, 89. release, 90. naturally, 91. feat

92. an____ng banner ad *adj.* making someone feel slightly angry
93. im___e from criminal prosecution *adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
94. sea sp___e *n.* a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning
95. ba____id solution *n.* a small strip or patch of adhesive material, with a sterile gauze pad in the center, used to cover a minor wound or injury and help promote healing
96. she is ma__c *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
97. implanted pa_____er *n.* a small electronic device that is implanted in the chest to regulate the heartbeat of people with certain heart conditions; a person or thing that sets the pace or rhythm for others
98. sc___e a hole in the ground *v.* to draw something along a rough or hard surface, typically to remove dirt or other matter
99. c_e card *n.* a signal, gesture, or action that provides information or direction for someone else to act or respond; a reminder or prompt for someone to do something

ANSWERS: 92. annoying, 93. immune, 94. sponge, 95. band-aid, 96. magic, 97. pacemaker, 98. scrape, 99. cue

100. env_____nt affairs	<i>n.</i> the natural world such as air, water, and land in which humans, animals, and plants live
101. development of va_____es	<i>n.</i> a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)
102. treat the in_____on with antibiotics	<i>n.</i> a condition in which pathogenic microorganisms or viruses have entered the body
103. inv_____te the matter	<i>v.</i> to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth
104. industry-sp_____ic regulations	<i>adj.</i> clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
105. burn s__r	<i>n.</i> a mark that remains on the skin after a wound has healed
106. abs_____ly obsessed with the girl	<i>adv.</i> without restriction or limitation; completely or utterly
107. ad_____e the technology	<i>v.</i> to go or move forward; to develop in a positive way
108. individual ins_____on	<i>n.</i> detailed direction, order, etc., on how to do or use something
109. natural he_____g ability	<i>n.</i> the process of becoming or making somebody or something well again
110. field of fun_____al medicine	<i>adj.</i> designed for or capable of a particular activity, purpose, or task; practical or ready for use or service

ANSWERS: 100. environment, 101. vaccine, 102. infection, 103. investigate, 104. specific, 105. scar, 106. absolutely, 107. advance, 108. instruction, 109. healing, 110. functional

111. sc___e meat off a bone *v.* to draw something along a rough or hard surface, typically to remove dirt or other matter
112. the cell of the im___e system *adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
113. metallic sp___e *n.* a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning
114. ho___r movie *n.* intense fear or disgust, especially at something shocking or terrifying
115. an___ng habit *adj.* making someone feel slightly angry
116. development of in____n resistance *n.* a hormone produced in the pancreas that controls the amount of sugar in the blood, or a similar artificial substance used for the treatment of diabetes
117. documentary pr__f *n.* a fact or piece of information that shows something is true or exists
118. temporary ba____id fix *n.* a small strip or patch of adhesive material, with a sterile gauze pad in the center, used to cover a minor wound or injury and help promote healing
119. v__y according to the age *v.* to become different in terms of size, shape, etc.
120. p__p a secret out of success *v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities

ANSWERS: 111. scrape, 112. immune, 113. sponge, 114. horror, 115. annoying, 116. insulin, 117. proof, 118. band-aid, 119. vary, 120. pump

121. id____fy gene sequences *v.* to recognize someone or something and say or prove who or what they are
122. sp____ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
123. re____w hair *v.* to grow back or regenerate after being cut or removed, such as cells or tissues in the body, or plants and vegetation
124. mi__c a human voice *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
125. pr____le outcome *adj.* likely to happen or likely to be true
126. stress pr____n *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
127. alcohol bi__e *n.* a period of excessive or uncontrolled consumption, often of food or alcohol; a spree or bout of reckless behavior or indulgence
128. sur____ng areas *adj.* that is near or around, or closely encircling something
129. pr____n synthesis *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
130. a m__s of molten rock *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

ANSWERS: 121. identify, 122. specific, 123. regrow, 124. mimic, 125. probable, 126. protein, 127. binge, 128. surrounding, 129. protein, 130. mass

131. li___d leather *n.* a reptile that has a relatively long body, two pairs of legs, and a tapering tail
132. livid br___e *n.* a mark caused by a blow, typically one that is purple or black on the skin
133. en____er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
134. visual c_e *n.* a signal, gesture, or action that provides information or direction for someone else to act or respond; a reminder or prompt for someone to do something
135. cause an ac____nt *n.* an unfortunate event, especially one causing damage or injury
136. abs____ly against *adv.* without restriction or limitation; completely or utterly
137. a reg____te sinner *v.* to improve or renew an area, institution, system, etc., especially by making it more active or successful
138. part of the he____g process *n.* the process of becoming or making somebody or something well again
139. na____ly regenerated forest *adv.* as might be expected; by natural manners
140. chronic si__s infections *n.* a cavity in a bone, especially in the bones of the head, or a similar cavity or channel in a plant or animal
141. p__p blood throughout the body *v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities

ANSWERS: 131. lizard, 132. bruise, 133. engineer, 134. cue, 135. accident, 136. absolutely, 137. regenerate, 138. healing, 139. naturally, 140. sinus, 141. pump

142. the s__m of a matchstick

n. the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in

ANSWERS: 142. stem

Session 3: Fill in the Blanks

1. It seems _____ that he has forgotten our scheduled meeting.
adj. likely to happen or likely to be true

2. The facility manager _____ the security guards to be on high alert.
v. to teach someone practical skills or knowledge; to formally order or tell someone to do something

3. A rose has thorns on its _____.
n. the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in

4. I've been thinking all day and getting _____.
adv. not in, at, or to any place; not anywhere

5. I will work hard to _____ my goals and realize my dreams.
v. to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do

6. The committee _____ several apparent inconsistencies.
v. to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth

7. She stayed up all night _____ her favorite TV show.
n. a period of excessive or uncontrolled consumption, often of food or alcohol; a spree or bout of reckless behavior or indulgence

ANSWERS: 1. probable, 2. instructed, 3. stem, 4. nowhere, 5. achieve, 6. investigated, 7. binge-watching

8. My accidental _____ got better right away.
- n.* harm done to a person's or an animal's body caused by an accident or an attack
9. The _____ population has declined in many areas due to habitat loss and human activity.
- n.* a carnivorous mammal native to the Arctic and sub-Arctic regions of North America and Eurasia
10. The vaccination does not necessarily make you completely _____.
- adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
11. We have finally lost our last _____.
- n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something
12. He is very popular at school because he can _____ all the teachers' accents.
- v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
13. The _____ of people who do not own property is politically impotent.
- n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
14. The patient will undergo _____ transplant surgery tomorrow.
- n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins

ANSWERS: 8. injury, 9. wolverine, 10. immune, 11. prop, 12. mimic, 13. mass, 14. liver

15. The doctor diagnosed him with a rare _____ that had no known cure.
n. a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
16. He lost the election by _____ votes.
adj. used to emphasize how insignificant or minor someone or something is
17. Hydrogen and oxygen _____ to form water.
v. to join or merge to form a single thing or group
18. I am _____ opposed to his idea because of morality.
adv. without restriction or limitation; completely or utterly
19. They needed further _____ to perform their duties efficiently.
n. detailed direction, order, etc., on how to do or use something
20. International law allows each nation to _____ itself when its rights and interests are illegally violated.
v. to protect someone or something from attack, criticism, danger, etc.
21. Lizards can _____ their tails if they are cut off.
v. to grow back or regenerate after being cut or removed, such as cells or tissues in the body, or plants and vegetation
22. The _____ pressure was causing me a lot of pain.
n. a cavity in a bone, especially in the bones of the head, or a similar cavity or channel in a plant or animal
23. The phone call is an _____ interruption.
adj. making someone feel slightly angry

ANSWERS: 15. disease, 16. mere, 17. combine, 18. absolutely, 19. instruction, 20. defend, 21. regrow, 22. sinus, 23. annoying

24. The _____ mountains make the city difficult to be invaded.
adj. that is near or around, or closely encircling something
25. The construction workers set up the _____ to reach the top of the building.
n. a temporary platform or structure used to support workers and materials during construction or maintenance work
26. The mRNA _____ was approved in less than a year because it did not contain the fragments of the target virus.
n. a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)
27. He carefully _____ the details of his business plan.
v. to plan, coordinate, or arrange something, especially skillfully or cleverly;
(noun) the act of organizing or directing the elements of a composition, especially in music
28. The _____ will repair my telephone tomorrow morning.
n. a person whose job is designing, building, or maintaining something such as machines, structures, or software
29. He performed _____ tricks with sophisticated moves.
n. beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
30. The economy is growing at a supercharged _____.
n. the speed at which someone or something moves, or the rate at which something happens or changes

ANSWERS: 24. surrounding, 25. scaffold, 26. vaccine, 27. orchestrated, 28. engineer, 29. magic, 30. pace

31. _____ prevalent in hospitals are often resistant to antibiotics.
- n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
32. Her research team made an important _____.
- n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
33. Every human is responsible for taking care of the Earth's _____.
- n.* the natural world such as air, water, and land in which humans, animals, and plants live
34. Some people with _____ may need to avoid certain activities or sources of electromagnetic interference.
- n.* a small electronic device that is implanted in the chest to regulate the heartbeat of people with certain heart conditions; a person or thing that sets the pace or rhythm for others
35. Each ancient tribe has its _____ traditions.
- n.* the process of becoming or making somebody or something well again
36. The new CEO's primary mission is to _____ the company on the verge of bankruptcy.
- v.* to improve or renew an area, institution, system, etc., especially by making it more active or successful
37. Mushrooms and _____ are fungi.
- n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

ANSWERS: 31. Bacteria, 32. discovery, 33. environment, 34. pacemakers, 35. healing, 36. regenerate, 37. mold

38. I must use hair ____ to style my hair for the job interview.

- n.* a semi-solid substance, often transparent or translucent, that is used in various products from personal care to food to medicine, and which typically consists of a gelling agent that thickens the liquid

39. I will introduce you to how to _____ the leading causes of the malfunction.

- v.* to recognize someone or something and say or prove who or what they are

40. The nobler, the more _____.

- adj.* having or showing a modest or low estimate of one's quality or importance

41. It will take time for her mental scars to _____.

- v.* to make a wound or injury to become well again

42. The director gave the actor a ____ to begin the scene.

- n.* a signal, gesture, or action that provides information or direction for someone else to act or respond; a reminder or prompt for someone to do something

43. The body needs a certain amount of _____ to build and repair tissues.

- n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues

44. We plan to raise a giant _____ as a pet.

- n.* any of various typically terrestrial amphibians that resemble lizards and that return to water only to breed

45. The stories of war crimes filled her with _____.

- n.* intense fear or disgust, especially at something shocking or terrifying

ANSWERS: 38. gel, 39. identify, 40. humble, 41. heal, 42. cue, 43. protein, 44. salamander, 45. horror

46. She had a _____ on her arm from where she fell on the playground.
n. a mark caused by a blow, typically one that is purple or black on the skin
47. The tiny marine _____ has existed for more than 500 million years.
n. a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning
48. He had an _____ shock after drinking large quantities of fruit juices.
n. a hormone produced in the pancreas that controls the amount of sugar in the blood, or a similar artificial substance used for the treatment of diabetes
49. The _____ tail regenerates if severed.
n. a reptile that has a relatively long body, two pairs of legs, and a tapering tail
50. The doctor will _____ a pacemaker to regulate his heart rate.
v. to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind
51. The animal rights group worked to _____ the dolphins back into the wild.
v. to set free or allow to escape from confinement
52. Her body felt _____ after sitting at her desk for hours without moving.
adj. not easily bent, flexible, or pliable; difficult to move or be maneuvered; difficult to relax; having a heavy or formal manner
53. To expand the company, we must ____ new human resources.
v. to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.

ANSWERS: 46. bruise, 47. sponge, 48. insulin, 49. lizard's, 50. implant, 51. release, 52. stiff, 53. tap

54. He was _____ gifted.

adv. as might be expected; by natural manners

55. It is an incredible _____ to climb Mount Everest, the highest mountain in the world.

n. a notable or impressive achievement, especially one that requires great skill or bravery

56. _____ is better than argument.

n. a fact or piece of information that shows something is true or exists

57. Scientific knowledge will _____ significantly with the power of AI.

v. to go or move forward; to develop in a positive way

58. Even after the wound has healed, a _____ remains.

n. a mark that remains on the skin after a wound has healed

59. Maximum heart rates _____ a lot for each individual.

v. to become different in terms of size, shape, etc.

60. Recent advances in _____ have shown promise in the fight against cancer

n. the branch of medical science that deals with the immune system of the body and its functions, including the body's response to foreign substances such as viruses and bacteria; it also involves the study of immunodeficiencies, autoimmune diseases, and immunotherapies

61. Advocates for legal reform hear less harsh words from their _____.

n. someone who expresses opinions about the quality of books, music, etc.

ANSWERS: 54. naturally, 55. feat, 56. Proof, 57. advance, 58. scar, 59. vary, 60. immunology, 61. critics

62. The _____ partially destroyed my vehicle.

n. an unfortunate event, especially one causing damage or injury

63. I cut my finger, so I put a _____ on the wound.

n. a small strip or patch of adhesive material, with a sterile gauze pad in the center, used to cover a minor wound or injury and help promote healing

64. He was alert and could not _____ any critical information out of him.

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

65. We must _____ a new system to streamline our workflow and increase efficiency.

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

66. The researcher separated the nervous _____ for microscopic examinations.

n. an ensemble of similar cells of the animal or plant that together carry out a specific function

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

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

68. He _____ the mud off his boots before entering the house.

v. to draw something along a rough or hard surface, typically to remove dirt or other matter

ANSWERS: 62. accident, 63. band-aid, 64. pump, 65. develop, 66. tissue, 67. specific, 68. scraped

69. Hospitals must meet various standards to prevent nosocomial _____.

n. a condition in which pathogenic microorganisms or viruses have entered the body

70. We must consume dietary _____ to maintain good health.

n. thread or filament used to make a vegetable tissue, mineral material, or textile

71. The mobile phone was still _____ even after being dropped.

adj. designed for or capable of a particular activity, purpose, or task; practical or ready for use or service

ANSWERS: 69. infections, 70. fiber, 71. functional