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Vocabulary Builder Reference from...

Levon Biss: Mind-blowing, magnified portraits of insects | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

photograph

n. a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film

synonym: photo, picture, snapshot

(1) **photograph** album, (2) **photograph** memories

I found an old **photograph** of my grandparents from their wedding day.

sculpture

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

synonym: statuary, carving, modeling

(1) create **sculpture**, (2) abstract **sculpture**

The ancient Greek **sculptures** are known for their realism and attention to detail.

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.

icon

n. a picture or statue of a holy person considered to be a sacred thing; a little icon on the screen of a computer or smartphone that denotes an application or a file

synonym : figure, hero, idol

(1) **icon** for young people, (2) television **icon**

Some comic book characters are considered gay **icons**.

fulfill

v. to meet the requirements or expectations; to achieve or realize

synonym : satisfy, complete, accomplish

(1) **fulfill** a contract, (2) **fulfill** a lifetime dream

It was the first time for her, but she **fulfilled** the role of Priest.

extraordinary

adj. exceptional, unexpected, very unusual; surpassing the ordinary or usual

synonym : exceptional, noteworthy, astonishing

(1) **extraordinary** ability, (2) **extraordinary** weather

He narrated the **extraordinary** story of his adventure.

ordinary

adj. not different, exceptional, or unexpected in any way, especially in quality, ability, size, or degree

synonym : mundane, prosaic, average

(1) an **ordinary** school, (2) **ordinary** annual revenue

The **ordinary** session of the Diet opened.

disposable

adj. designed to be used once and then thrown away

synonym : throwaway, single-use, expendable

(1) total **disposable** income, (2) **disposable** camera

I prefer using **disposable** razors because they are more convenient.

digital

adj. processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

synonym : numerical, computerized, cyber

(1) a **digital** watch, (2) **digital** electronic signature

Sensors convert physical phenomena into **digital** signals.

curiosity

n. a strong desire to know or learn about something

synonym: interest, inquisitiveness, novelty

(1) boundless **curiosity**, (2) satisfy my intellectual **curiosity**

We are motivated by **curiosity** rather than necessity.

slightly

adv. in a small degree or extent; a little

synonym: barely, narrowly, scarcely

(1) increase **slightly**, (2) **slightly** alkaline soils

He moved his body **slightly** to the left.

muted

adj. having a subdued or softened sound, color, or tone; restrained or understated in expression or style

synonym: dull, hushed, muffled

(1) **muted** light, (2) **muted** sound

The toned-down, **muted** colors in the living room gave it a cozy and relaxed feeling.

dull

adj. not interesting or exciting; not bright, vivid, or shiny; not active, brisk, or sharp

synonym: insensitive, unintelligent, boring

(1) a **dull** pain, (2) **dull** sight

The trade is **dull** right now due to the collapse of the prominent investment bank.

visual

adj. relating to seeing or sight

synonym: optical, graphical, visible

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

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

engaging

adj. attracting, pleasant, or charming

synonym: alluring, interesting, engrossing

(1) **engaging** story, (2) an **engaging** smile

She was disbarred for her **engaging** in fraud.

fortunate

adj. having good luck or lucky

synonym: fortuitous, lucky, blessed

(1) **fortunate** situation, (2) less **fortunate** person

He was pretty **fortunate** to pass the exam.

beetle

n. an insect having a hard shell-like back covering its wings

(1) **beetle** brows, (2) a **beetle** larva

In ancient civilizations, the scarab **beetle** was worshiped as a sacred creature.

insect

n. any small creature that has six legs and a body divided into three sections

(1) **insect** antenna, (2) **insect** biology

These **insects** are more prevalent above a certain latitude.

decide

v. to make up someone's mind about something; to come to a conclusion or judgment after considering options

synonym: choose, determine, settle

(1) **decide** a question, (2) **decide** on a course of action

She couldn't **decide** whether to order the pizza or the pasta for dinner.

microscope

n. an instrument used to see objects or substances that are too small to be seen with the naked eye

synonym: lens, magnifier, eyepiece

(1) **microscope** slide, (2) electron **microscope**

I used an optical **microscope** to observe the small organisms in the water sample.

kit

n. a set of tools, supplies, or equipment for a particular purpose

synonym: set, package, bundle

(1) survival **kit**, (2) a first-aid **kit**

I bought a new tool **kit** for my home repair projects.

galaxy

n. an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
synonym : star cluster, nebula, star system

(1) elliptic **galaxy**, (2) a **galaxy** of famous actors

The Milky Way **galaxy** has numerous water-bearing planets.

creative

adj. relating to or involving the use of skill and original and unusual ideas to create something

synonym : imaginative, innovative, inventive

(1) **creative** writing, (2) barren of **creative** spirit

All the supervisor has to do is assign tasks that make his subordinates more **creative**.

specimen

n. an individual example or sample of something, typically used to represent a larger group or category

synonym : example, sample, model

(1) **specimen** collection, (2) botanical **specimen**

The biology teacher showed the students a frog **specimen** so they could examine its anatomy.

progression

n. the act or process of changing to the next stage or phase or moving forward

synonym : advancement, development, evolution

(1) **progression** of civilization, (2) **progression** of disease

The company has made great strides in its **progression** toward sustainability.

assist

v. to help someone in doing anything

synonym : help, support, aid

(1) **assist** a patient, (2) **assist** his goal

Please **assist** her with the furniture relocation.

entomology

n. the scientific study of insects, including their physical characteristics, life cycles, behaviors, and relationships with other organisms in their environment

synonym : insect science, bug study, insectology

(1) **entomology** lab, (2) **entomology** book

The museum offered a guided tour of its **entomology** exhibit featuring various insects.

essentially

adv. relating to the essential features or concepts of anything
synonym: fundamentally, basically, virtually

(1) **essentially** correct, (2) become **essentially** same
Essentially, a society is an organism.

split

v. to divide, or to make something divide into two or more parts, especially along a particular line

synonym: break, divide, break apart

(1) **split** a bill, (2) **split** a reward equally

Companies often **split** their shares to lower the stock price and encourage investors to buy.

sect

n. a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream

synonym: group, faction, cult

(1) **sect** beliefs, (2) secret **sect**

The minority **sect** believed in a set of unconventional religious practices.

normally

adv. usually; under normal conditions

synonym: commonly, generally, naturally

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

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

dome

n. a rounded vault forming the roof of a building or structure, typically with a circular base

synonym: hemisphere, cupola, vaults

(1) snow **dome**, (2) **dome** structure

The cathedral **dome** soared high above, its stained-glass windows casting colorful light on the altar below.

diffuse

adj. spread out widely; not concentrated in one place

synonym : spread, scatter

(1) **diffuse** bleeding, (2) **diffuse** cloud

Direct lighting is preferable to **diffuse** lighting when reading.

harsh

adj. severe and unkind; extremely tough and unpleasant to inhabit

synonym : brutal, severe, backbreaking

(1) **harsh** climate, (2) use of **harsh** chemicals

The prime minister faced **harsh** criticism.

spot

n. a particular location or place; a small round or roundish area, differing in color or feels from the surface around it

synonym : dot, mark, place

(1) beauty **spot**, (2) a **spot** on his honor

This remote **spot** is rarely visited.

hairy

adj. covered with hair or having a furry texture; difficult, dangerous, or complicated

synonym : furry, bushy, unkempt

(1) **hairy** situation, (2) **hairy** arms

The new rescue dog was covered in thick, **hairy** fur that kept him warm in cold weather.

setup

n. the arrangement or organization of something, often with a specific purpose or intention; a scheme or plan that is intended to deceive or trick someone

synonym : arrangement, installation, organization

(1) office **setup**, (2) network **setup**

The **setup** for the conference was impressive and professional.

magnify

v. to make something look bigger than it really is, especially by looking at it through a lens; to make something bigger, stronger, or louder

synonym : enlarge, elaborate, intensify

(1) **magnify** the danger, (2) **magnify** the image for display

Terrorists often attempt to **magnify** the economic impact of their acts of destruction.

inherent

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

synonym : intrinsic, natural, innate

(1) **inherent** risk, (2) have an **inherent** dislike

Honesty is an **inherent** quality that everyone should strive to possess.

shallow

adj. not having much distance from the top to the bottom

synonym : superficial, external, surface

(1) **shallow** people, (2) **shallow** water

Shallow brooks are noisier than deep rivers.

depth

n. the distance between the top and bottom of something; between the top surface and a distance below it

synonym : deepness, profoundness, extent

(1) **depth** camera, (2) the **depth** of the water

The pond's **depth** was around five feet.

rail

n. a long, thin piece of metal or wood that is used to make fences or as a support for something; (verb) to complain bitterly

synonym : bar, beam, (verb) criticize

(1) **rail** system, (2) **rail** against his enemies

The children leaned over the bridge **rail** to watch the fish swimming below.

automated

adj. carried out by machines or computers to replace or decrease human labor

synonym : computerized, mechanical, laborsaving

(1) **automated** manual transmission, (2) **automated** way

The plant will continue operating through an **automated** system 24 hours a day.

micron

n. a unit of measurement equal to one-millionth of a meter, used for measuring the size of particles and microorganisms

synonym : micrometer

(1) **micron** measurements, (2) **micron** imaging

The width of a single human hair is around 100 **microns**.

stack

n. a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated

synonym : accumulation, heap, pile

(1) high **stack**, (2) a large **stack** of paper

The earthquake caused a **stack** of lumber to crumble noisily.

sliver

n. a small, thin, narrow piece or fragment of something, often characterized by its length or its sharpness or thinness; a small portion or amount of something, often used in a metaphorical sense to describe a trace or a hint of something

synonym : splinter, shard, fragment

(1) **sliver** of wood, (2) **sliver** of metal

I had to be careful not to step on a **sliver** of glass on the floor.

squash

v. to forcefully crush or flatten something; to suppress, stifle, or defeat an idea or opposition forcefully

synonym : smash, crush, compress

(1) **squash** a package, (2) **squash** a rebellion

I like to **squash** my grapes when making homemade wine.

separate

v. to force, take, or pull apart; mark as different

synonym : disunite, isolate, ramify

(1) **separate** video into chapter, (2) **separate** cream from milk

We need to **separate** the aspect of his personality from the part of his competence when making an investment decision.

byte

n. a unit of digital information that consists of 8 bits, typically used to represent a single character of text or a small amount of computer code

(1) **byte** code, (2) **byte** array

The computer hard drive had plenty of storage space but was running low on available **bytes**.

exhibition

n. a public event or display of works of art, scientific or industrial objects, or other items of interest, usually held in a museum or art gallery

synonym: display, show, presentation

(1) a personal **exhibition**, (2) **exhibition** opening

The art museum is hosting an **exhibition** of contemporary paintings next month.

meter

n. a device used to measure the amount of a particular substance or attribute, such as length, volume, or time; (prosody) the accent in a metrical foot of verse

synonym: gauge, indicator, rhythm

(1) a gas **meter**, (2) poetic **meter**

The **meter** on the wall showed that the room was three meters long.

sweat

n. the salty liquid that is produced by the glands in the skin, especially when the body is hot or under stress

synonym: perspiration, steam, hardwork

(1) all in a **sweat**, (2) **sweat** bath

She wiped the **sweat** off her forehead with a towel.

pixel

n. the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image

synonym: dot, point, picture element

(1) **pixel** density, (2) color **pixels**

The computer screen comprises thousands of tiny **pixels** that create the overall picture.

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.

immerse

- v. to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered

synonym: dip, inundate, submerge

(1) **immerse** the cloth in the dye, (2) completely **immerse** the ingredient

He **immersed** himself in his research.

microscopic

- adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy

synonym: infinitesimal, tiny, atomic

(1) **microscopic** inquiry, (2) **microscopic** analysis

Inspectors noticed **microscopic** cracks in the submarine's hull.

encourage

- v. to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do

synonym: facilitate, persuade, stimulate

(1) **encourage** a sense of affinity, (2) **encourage** antisocial behavior

They **encouraged** customers with a premium for loyal patronage.

tablet

- n.* a small flat electronic device used for browsing the internet, reading, writing, or playing games; a small,

solid pill of medicine

synonym : notepad, pill, medication

(1) a multivitamin **tablet**, (2) **tablet** keyboard

The new **tablet** device has a faster processor and better graphics than its predecessor.

zoom

v. to move along very quickly; (noun) the act of rising upward into the air

synonym : move quickly, dive, buzz

(1) **zoom** in on a photo, (2) **zoom** lens

He **zoomed** back in time to the soccer game.

biology

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

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

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

offshoot

n. a subsidiary or secondary branch or part of something; a new development or idea that has grown out of a larger one

synonym : branch, derivation, offspring

(1) an **offshoot** of the company, (2) cultural **offshoot**

The new program is an **offshoot** of the main curriculum for students with specific interests.

reaction

n. a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others

synonym : response, reply, answer

(1) chemical **reaction**, (2) trigger a **reaction**

There was a chemical **reaction** of the lime with the groundwater.

horrify

v. to shock or disgust greatly

synonym : shock, dismay, terrify

(1) **horrify** audience, (2) **horrify** victims

The series of terrorist attacks **horrify** the entire nation.

chap

n. a crack in the skin, especially on the lips or hands, caused by dryness or cold weather; a man or boy; (verb) to crack, split, or roughen the skin, especially as a result of exposure to cold weather or wind

synonym : fellow, guy, crack

(1) **chap** stick, (2) nice **chap**

He suffered a painful **chap** on his hand after working with chemicals.

motionless

adj. without movement or motion; completely still

synonym : still, immobile, static

(1) **motionless** figure, (2) **motionless** body

The wounded soldier lay **motionless** on the battlefield waiting for medical attention.

wipe

v. to clean or dry something by rubbing with a piece of cloth or paper or one's hand and removing dirt, food, or liquid

synonym : clean, brush, swab

(1) **Wipe** off dirt, (2) **wipe** with water

Please **wipe** your sweat with this towel.

sticky

adj. made of or covered with an adhesive substance; hot or warm and humid

synonym : adhesive, gluey, clingy

(1) **sticky** weather, (2) **sticky** situation

A peculiar **sticky** material coated the foliage.

handprint

n. a mark or impression made by the hand, often used to identify or verify a person's identity

synonym : impression, fingerprint, palm print

(1) child's **handprint**, (2) ink **handprint**

The **handprint** on the wall was a clue for the detectives

investigating the crime scene.

bug *n.* any tiny insect; a fault or defect in a computer program, system, or machine
synonym: insect, bacterium, microbe
(1) **bug** bites, (2) number of **bug** fixes
I found a stink **bug** crawling across the ceiling.

creature *n.* a living being, especially an animal
synonym: being, animal, organism
(1) **creature** of habit, (2) artificial **creature**
The deep sea **creature** was unlike anything the scientists had ever seen before.

shield *n.* a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves
synonym: guard, protection, safeguard
(1) a heat **shield**, (2) a **shield** for protecting against a bullet
Lead is an effective **shield** against X-rays, gamma rays, and other harmful radiation.

beagle *n.* a small dog with a smooth coat, long ears, and a strong sense of smell, used for hunting hares
synonym: hound, dog, pup
(1) legal **beagle**, (2) **beagle** nose
His pet **beagle** sniffed at the ground, following the rabbit's trail.

possession *n.* the state or fact of owning or having something
synonym: ownership, holding, control
(1) **possession** of the evidence, (2) a territorial **possession**
That painting is my **possession**, and I inherited it from my grandmother.

valid

adj. having a reasonable basis in logic or fact; still legally or officially acceptable

synonym: proper, reasonable, useful

(1) a **valid** contract, (2) a ticket **valid** for two days

Your credit card is no longer **valid**.

grateful

adj. feeling or showing an appreciation of kindness; thankful

synonym: thankful, appreciative, indebted

(1) a **grateful** breeze, (2) put a **grateful** expression

She was **grateful** for the help he provided.

Session 2: Spelling

1. ha__h climate *adj.* severe and unkind; extremely tough and unpleasant to inhabit
2. total dis_____le income *adj.* designed to be used once and then thrown away
3. barren of cr_____ve spirit *adj.* relating to or involving the use of skill and original and unusual ideas to create something
4. pos_____on of the evidence *n.* the state or fact of owning or having something
5. di_____e bleeding *adj.* spread out widely; not concentrated in one place
6. an or_____ry school *adj.* not different, exceptional, or unexpected in any way, especially in quality, ability, size, or degree
7. snow d__e *n.* a rounded vault forming the roof of a building or structure, typically with a circular base
8. or_____ry annual revenue *adj.* not different, exceptional, or unexpected in any way, especially in quality, ability, size, or degree
9. au_____ed manual transmission *adj.* carried out by machines or computers to replace or decrease human labor
10. survival k_t *n.* a set of tools, supplies, or equipment for a particular purpose
11. im_____e the cloth in the dye *v.* to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered

ANSWERS: 1. harsh, 2. disposable, 3. creative, 4. possession, 5. diffuse, 6. ordinary, 7. dome, 8. ordinary, 9. automated, 10. kit, 11. immerse

12. mu__d sound *adj.* having a subdued or softened sound, color, or tone; restrained or understated in expression or style
13. in___t biology *n.* any small creature that has six legs and a body divided into three sections
14. pi__l density *n.* the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image
15. z__m lens *v.* to move along very quickly; (noun) the act of rising upward into the air
16. a sh___d for protecting against a bullet *n.* a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves
17. sh_____w people *adj.* not having much distance from the top to the bottom
18. dis_____le camera *adj.* designed to be used once and then thrown away
19. w__e with water *v.* to clean or dry something by rubbing with a piece of cloth or paper or one's hand and removing dirt, food, or liquid
20. become ess_____ly same *adv.* relating to the essential features or concepts of anything
21. sl_____ly alkaline soils *adv.* in a small degree or extent; a little
22. legal be___e *n.* a small dog with a smooth coat, long ears, and a strong sense of smell, used for hunting hares

ANSWERS: 12. muted, 13. insect, 14. pixel, 15. zoom, 16. shield, 17. shallow, 18. disposable, 19. wipe, 20. essentially, 21. slightly, 22. beagle

23. ent_____gy book *n.* the scientific study of insects, including their physical characteristics, life cycles, behaviors, and relationships with other organisms in their environment
24. sw__t bath *n.* the salty liquid that is produced by the glands in the skin, especially when the body is hot or under stress
25. st___y situation *adj.* made of or covered with an adhesive substance; hot or warm and humid
26. se_____te video into chapter *v.* to force, take, or pull apart; mark as different
27. mic_____ic analysis *adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy
28. se_____te cream from milk *v.* to force, take, or pull apart; mark as different
29. an en_____ng smile *adj.* attracting, pleasant, or charming
30. ess_____ly correct *adv.* relating to the essential features or concepts of anything
31. ta___t keyboard *n.* a small flat electronic device used for browsing the internet, reading, writing, or playing games; a small, solid pill of medicine
32. a ga___y of famous actors *n.* an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
33. a be___e larva *n.* an insect having a hard shell-like back covering its wings
34. pro_____on of civilization *n.* the act or process of changing to the next stage or phase or moving forward

ANSWERS: 23. entomology, 24. sweat, 25. sticky, 26. separate, 27. microscopic, 28. separate, 29. engaging, 30. essentially, 31. tablet, 32. galaxy, 33. beetle, 34. progression

35. ho____y victims *v.* to shock or disgust greatly
36. elliptic ga____y *n.* an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
37. electron mic_____pe *n.* an instrument used to see objects or substances that are too small to be seen with the naked eye
38. field of vi____l arts *adj.* relating to seeing or sight
39. beauty s__t *n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
40. an of_____ot of the company *n.* a subsidiary or secondary branch or part of something; a new development or idea that has grown out of a larger one
41. b__e code *n.* a unit of digital information that consists of 8 bits, typically used to represent a single character of text or a small amount of computer code
42. as____t a patient *v.* to help someone in doing anything
43. sp__t a bill *v.* to divide, or to make something divide into two or more parts, especially along a particular line
44. i__n for young people *n.* a picture or statue of a holy person considered to be a sacred thing; a little icon on the screen of a computer or smartphone that denotes an application or a file

ANSWERS: 35. horrify, 36. galaxy, 37. microscope, 38. visual, 39. spot, 40. offshoot, 41. byte, 42. assist, 43. split, 44. icon

45. a heat sh___d *n.* a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves
46. mic_____ic inquiry *adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy
47. create sc_____re *n.* the art of creating three-dimensional objects or forms, typically by carving, modeling, or casting in a variety of materials such as stone, wood, metal, or clay
48. 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
49. a personal exh_____on *n.* a public event or display of works of art, scientific or industrial objects, or other items of interest, usually held in a museum or art gallery
50. mu__d light *adj.* having a subdued or softened sound, color, or tone; restrained or understated in expression or style
51. b__e array *n.* a unit of digital information that consists of 8 bits, typically used to represent a single character of text or a small amount of computer code
52. an op_____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

ANSWERS: 45. shield, 46. microscopic, 47. sculpture, 48. develop, 49. exhibition, 50. muted, 51. byte, 52. opportune

53. have an in_____nt dislike *adj.* existing in something as a permanent, essential, or characteristic attribute
54. fu_____l a lifetime dream *v.* to meet the requirements or expectations; to achieve or realize
55. a gr_____ul breeze *adj.* feeling or showing an appreciation of kindness; thankful
56. complete no_____ly *adv.* usually; under normal conditions
57. ma_____y the image for display *v.* to make something look bigger than it really is, especially by looking at it through a lens; to make something bigger, stronger, or louder
58. sp__t a reward equally *v.* to divide, or to make something divide into two or more parts, especially along a particular line
59. a gas me__r *n.* a device used to measure the amount of a particular substance or attribute, such as length, volume, or time; (prosody) the accent in a metrical foot of verse
60. mot_____ss figure *adj.* without movement or motion; completely still
61. cr_____re of habit *n.* a living being, especially an animal
62. a first-aid k_t *n.* a set of tools, supplies, or equipment for a particular purpose
63. s__t beliefs *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream

ANSWERS: 53. inherent, 54. fulfill, 55. grateful, 56. normally, 57. magnify, 58. split, 59. meter, 60. motionless, 61. creature, 62. kit, 63. sect

64. sl___r of metal *n.* a small, thin, narrow piece or fragment of something, often characterized by its length or its sharpness or thinness; a small portion or amount of something, often used in a metaphorical sense to describe a trace or a hint of something
65. evolutionary bi____y *n.* the scientific study of life and the natural processes of living things
66. a s__t on his honor *n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
67. a large st__k of paper *n.* a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated
68. increase sl____ly *adv.* in a small degree or extent; a little
69. a ticket va__d for two days *adj.* having a reasonable basis in logic or fact; still legally or officially acceptable
70. as____t his goal *v.* to help someone in doing anything
71. a d__l pain *adj.* not interesting or exciting; not bright, vivid, or shiny; not active, brisk, or sharp
72. r__l against his enemies *n.* a long, thin piece of metal or wood that is used to make fences or as a support for something; (verb) to complain bitterly
73. 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: 64. sliver, 65. biology, 66. spot, 67. stack, 68. slightly, 69. valid, 70. assist, 71. dull, 72. rail, 73. develop

74. pho_____ph album *n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
75. a multivitamin ta____t *n.* a small flat electronic device used for browsing the internet, reading, writing, or playing games; a small, solid pill of medicine
76. be____e brows *n.* an insect having a hard shell-like back covering its wings
77. ha__y arms *adj.* covered with hair or having a furry texture; difficult, dangerous, or complicated
78. all in a sw__t *n.* the salty liquid that is produced by the glands in the skin, especially when the body is hot or under stress
79. use of ha__h chemicals *adj.* severe and unkind; extremely tough and unpleasant to inhabit
80. pro_____on of disease *n.* the act or process of changing to the next stage or phase or moving forward
81. r__l system *n.* a long, thin piece of metal or wood that is used to make fences or as a support for something; (verb) to complain bitterly
82. boundless cu_____ty *n.* a strong desire to know or learn about something
83. ha__y situation *adj.* covered with hair or having a furry texture; difficult, dangerous, or complicated

ANSWERS: 74. photograph, 75. tablet, 76. beetle, 77. hairy, 78. sweat, 79. harsh, 80. progression, 81. rail, 82. curiosity, 83. hairy

84. mot_____ss body *adj.* without movement or motion; completely still
85. fo_____te situation *adj.* having good luck or lucky
86. trigger a re_____on *n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
87. television i____n *n.* a picture or statue of a holy person considered to be a sacred thing; a little icon on the screen of a computer or smartphone that denotes an application or a file
88. z__m in on a photo *v.* to move along very quickly; (noun) the act of rising upward into the air
89. sq____h a package *v.* to forcefully crush or flatten something; to suppress, stifle, or defeat an idea or opposition forcefully
90. en_____ng story *adj.* attracting, pleasant, or charming
91. exh_____on opening *n.* a public event or display of works of art, scientific or industrial objects, or other items of interest, usually held in a museum or art gallery
92. nice c__p *n.* a crack in the skin, especially on the lips or hands, caused by dryness or cold weather; a man or boy; (verb) to crack, split, or roughen the skin, especially as a result of exposure to cold weather or wind
93. the de__h of the water *n.* the distance between the top and bottom of something; between the top surface and a distance below it

ANSWERS: 84. motionless, 85. fortunate, 86. reaction, 87. icon, 88. zoom, 89. squash, 90. engaging, 91. exhibition, 92. chap, 93. depth

94. high st__k *n.* a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated
95. sh_____w water *adj.* not having much distance from the top to the bottom
96. artificial cr_____re *n.* a living being, especially an animal
97. satisfy my intellectual cu_____ty *n.* a strong desire to know or learn about something
98. mic_____pe slide *n.* an instrument used to see objects or substances that are too small to be seen with the naked eye
99. en_____ge antisocial behavior *v.* to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do
100. di_____e cloud *adj.* spread out widely; not concentrated in one place
101. ent_____gy lab *n.* the scientific study of insects, including their physical characteristics, life cycles, behaviors, and relationships with other organisms in their environment
102. be___e nose *n.* a small dog with a smooth coat, long ears, and a strong sense of smell, used for hunting hares
103. mi___n imaging *n.* a unit of measurement equal to one-millionth of a meter, used for measuring the size of particles and microorganisms

ANSWERS: 94. stack, 95. shallow, 96. creature, 97. curiosity, 98. microscope, 99. encourage, 100. diffuse, 101. entomology, 102. beagle, 103. micron

104. d__e structure *n.* a rounded vault forming the roof of a building or structure, typically with a circular base
105. not no_____ly drink much *adv.* usually; under normal conditions
106. b_g bites *n.* any tiny insect; a fault or defect in a computer program, system, or machine
107. mi___n measurements *n.* a unit of measurement equal to one-millionth of a meter, used for measuring the size of particles and microorganisms
108. ho_____y audience *v.* to shock or disgust greatly
109. ink ha_____nt *n.* a mark or impression made by the hand, often used to identify or verify a person's identity
110. network se__p *n.* the arrangement or organization of something, often with a specific purpose or intention; a scheme or plan that is intended to deceive or trick someone
111. abstract sc_____re *n.* the art of creating three-dimensional objects or forms, typically by carving, modeling, or casting in a variety of materials such as stone, wood, metal, or clay
112. vi___l navigation *adj.* relating to seeing or sight
113. cultural of_____ot *n.* a subsidiary or secondary branch or part of something; a new development or idea that has grown out of a larger one

ANSWERS: 104. dome, 105. normally, 106. bug, 107. micron, 108. horrify, 109. handprint, 110. setup, 111. sculpture, 112. visual, 113. offshoot

114. cell and molecular bi_____y *n.* the scientific study of life and the natural processes of living things
115. ext_____ary ability *adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual
116. au_____ed way *adj.* carried out by machines or computers to replace or decrease human labor
117. child's ha_____nt *n.* a mark or impression made by the hand, often used to identify or verify a person's identity
118. in___t antenna *n.* any small creature that has six legs and a body divided into three sections
119. sl___r of wood *n.* a small, thin, narrow piece or fragment of something, often characterized by its length or its sharpness or thinness; a small portion or amount of something, often used in a metaphorical sense to describe a trace or a hint of something
120. sq___h a rebellion *v.* to forcefully crush or flatten something; to suppress, stifle, or defeat an idea or opposition forcefully
121. ext_____ary weather *adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual
122. a di_____l watch *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
123. color pi___ls *n.* the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image

ANSWERS: 114. biology, 115. extraordinary, 116. automated, 117. handprint, 118. insect, 119. sliver, 120. squash, 121. extraordinary, 122. digital, 123. pixel

124. sp____en collection *n.* an individual example or sample of something, typically used to represent a larger group or category
125. de__h camera *n.* the distance between the top and bottom of something; between the top surface and a distance below it
126. a va__d contract *adj.* having a reasonable basis in logic or fact; still legally or officially acceptable
127. di____l electronic signature *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
128. completely im____e the ingredient *v.* to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered
129. de___e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
130. poetic me__r *n.* a device used to measure the amount of a particular substance or attribute, such as length, volume, or time; (prosody) the accent in a metrical foot of verse
131. less fo____te person *adj.* having good luck or lucky
132. fu____l a contract *v.* to meet the requirements or expectations; to achieve or realize
133. in____nt risk *adj.* existing in something as a permanent, essential, or characteristic attribute

ANSWERS: 124. specimen, 125. depth, 126. valid, 127. digital, 128. immerse, 129. decide, 130. meter, 131. fortunate, 132. fulfill, 133. inherent

134. secret s__t *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
135. number of b_g fixes *n.* any tiny insect; a fault or defect in a computer program, system, or machine
136. botanical sp____en *n.* an individual example or sample of something, typically used to represent a larger group or category
137. en____ge a sense of affinity *v.* to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do
138. de___e on a course of action *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
139. a territorial pos____on *n.* the state or fact of owning or having something
140. chemical re____on *n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
141. pho____ph memories *n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
142. W__e off dirt *v.* to clean or dry something by rubbing with a piece of cloth or paper or one's hand and removing dirt, food, or liquid

ANSWERS: 134. sect, 135. bug, 136. specimen, 137. encourage, 138. decide, 139. possession, 140. reaction, 141. photograph, 142. wipe

143. st___y weather *adj.* made of or covered with an adhesive substance; hot or warm and humid
144. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
145. d__l sight *adj.* not interesting or exciting; not bright, vivid, or shiny; not active, brisk, or sharp
146. ma_____y the danger *v.* to make something look bigger than it really is, especially by looking at it through a lens; to make something bigger, stronger, or louder
147. cr_____ve writing *adj.* relating to or involving the use of skill and original and unusual ideas to create something
148. put a gr_____ul expression *adj.* feeling or showing an appreciation of kindness; thankful
149. c__p stick *n.* a crack in the skin, especially on the lips or hands, caused by dryness or cold weather; a man or boy; (verb) to crack, split, or roughen the skin, especially as a result of exposure to cold weather or wind
150. office se__p *n.* the arrangement or organization of something, often with a specific purpose or intention; a scheme or plan that is intended to deceive or trick someone

ANSWERS: 143. sticky, 144. opportune, 145. dull, 146. magnify, 147. creative, 148. grateful, 149. chap, 150. setup

Session 3: Fill in the Blanks

1. I like to _____ my grapes when making homemade wine.
 - v. to forcefully crush or flatten something; to suppress, stifle, or defeat an idea or opposition forcefully

2. She couldn't _____ whether to order the pizza or the pasta for dinner.
 - v. to make up someone's mind about something; to come to a conclusion or judgment after considering options

3. His pet _____ sniffed at the ground, following the rabbit's trail.
 - n. a small dog with a smooth coat, long ears, and a strong sense of smell, used for hunting hares

4. She was _____ for the help he provided.
 - adj. feeling or showing an appreciation of kindness; thankful

5. The new _____ device has a faster processor and better graphics than its predecessor.
 - n. a small flat electronic device used for browsing the internet, reading, writing, or playing games; a small, solid pill of medicine

6. The building makes a remarkable _____ impact.
 - adj. relating to seeing or sight

7. He _____ himself in his research.
 - v. to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered

ANSWERS: 1. squash, 2. decide, 3. beagle, 4. grateful, 5. tablet, 6. visual, 7. immersed

8. The series of terrorist attacks _____ the entire nation.
v. to shock or disgust greatly
9. The trade is _____ right now due to the collapse of the prominent investment bank.
adj. not interesting or exciting; not bright, vivid, or shiny; not active, brisk, or sharp
10. Companies often _____ their shares to lower the stock price and encourage investors to buy.
v. to divide, or to make something divide into two or more parts, especially along a particular line
11. They _____ customers with a premium for loyal patronage.
v. to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do
12. Direct lighting is preferable to _____ lighting when reading.
adj. spread out widely; not concentrated in one place
13. He _____ back in time to the soccer game.
v. to move along very quickly; (noun) the act of rising upward into the air
14. The biology teacher showed the students a frog _____ so they could examine its anatomy.
n. an individual example or sample of something, typically used to represent a larger group or category
15. I don't _____ take a vacation in the middle of summer.
adv. usually; under normal conditions

ANSWERS: 8. horrify, 9. dull, 10. split, 11. encouraged, 12. diffuse, 13. zoomed, 14. specimen, 15. normally

16. The width of a single human hair is around 100 _____.
- n.* a unit of measurement equal to one-millionth of a meter, used for measuring the size of particles and microorganisms
17. The computer screen comprises thousands of tiny _____ that create the overall picture.
- n.* the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image
18. I bought a new tool ____ for my home repair projects.
- n.* a set of tools, supplies, or equipment for a particular purpose
19. In junior high school, we had to dissect a frog in _____ class.
- n.* the scientific study of life and the natural processes of living things
20. The new rescue dog was covered in thick, _____ fur that kept him warm in cold weather.
- adj.* covered with hair or having a furry texture; difficult, dangerous, or complicated
21. The ancient Greek _____ are known for their realism and attention to detail.
- n.* the art of creating three-dimensional objects or forms, typically by carving, modeling, or casting in a variety of materials such as stone, wood, metal, or clay
22. The computer hard drive had plenty of storage space but was running low on available _____.
- n.* a unit of digital information that consists of 8 bits, typically used to represent a single character of text or a small amount of computer code

ANSWERS: 16. microns, 17. pixels, 18. kit, 19. biology, 20. hairy, 21. sculptures, 22. bytes

23. A peculiar _____ material coated the foliage.

adj. made of or covered with an adhesive substance; hot or warm and humid

24. That painting is my _____ and I inherited it from my grandmother.

n. the state or fact of owning or having something

25. The children leaned over the bridge _____ to watch the fish swimming below.

n. a long, thin piece of metal or wood that is used to make fences or as a support for something; (verb) to complain bitterly

26. The deep sea _____ was unlike anything the scientists had ever seen before.

n. a living being, especially an animal

27. He suffered a painful _____ on his hand after working with chemicals.

n. a crack in the skin, especially on the lips or hands, caused by dryness or cold weather; a man or boy; (verb) to crack, split, or roughen the skin, especially as a result of exposure to cold weather or wind

28. Honesty is an _____ quality that everyone should strive to possess.

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

29. The _____ on the wall was a clue for the detectives investigating the crime scene.

n. a mark or impression made by the hand, often used to identify or verify a person's identity

30. He narrated the _____ story of his adventure.

adj. exceptional, unexpected, very unusual; surpassing the ordinary or usual

ANSWERS: 23. sticky, 24. possession, 25. rail, 26. creature, 27. chap, 28. inherent, 29. handprint, 30. extraordinary

31. These _____ are more prevalent above a certain latitude.
- n.* any small creature that has six legs and a body divided into three sections
32. I found an old _____ of my grandparents from their wedding day.
- n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
33. Please _____ your sweat with this towel.
- v.* to clean or dry something by rubbing with a piece of cloth or paper or one's hand and removing dirt, food, or liquid
34. There was a chemical _____ of the lime with the groundwater.
- n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
35. We need to _____ the aspect of his personality from the part of his competence when making an investment decision.
- v.* to force, take, or pull apart; mark as different
36. The museum offered a guided tour of its _____ exhibit featuring various insects.
- n.* the scientific study of insects, including their physical characteristics, life cycles, behaviors, and relationships with other organisms in their environment
37. The art museum is hosting an _____ of contemporary paintings next month.
- n.* a public event or display of works of art, scientific or industrial objects, or other items of interest, usually held in a museum or art gallery

ANSWERS: 31. insects, 32. photograph, 33. wipe, 34. reaction, 35. separate, 36. entomology, 37. exhibition

38. The pond's _____ was around five feet.
- n.* the distance between the top and bottom of something; between the top surface and a distance below it
39. It was the first time for her, but she _____ the role of Priest.
- v.* to meet the requirements or expectations; to achieve or realize
40. 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
41. Lead is an effective _____ against X-rays, gamma rays, and other harmful radiation.
- n.* a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves
42. The earthquake caused a _____ of lumber to crumble noisily.
- n.* a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated
43. All the supervisor has to do is assign tasks that make his subordinates more _____.
- adj.* relating to or involving the use of skill and original and unusual ideas to create something
44. The _____ on the wall showed that the room was three meters long.
- n.* a device used to measure the amount of a particular substance or attribute, such as length, volume, or time; (prosody) the accent in a metrical foot of verse

ANSWERS: 38. depth, 39. fulfilled, 40. develop, 41. shield, 42. stack, 43. creative, 44. meter

45. The wounded soldier lay _____ on the battlefield waiting for medical attention.

adj. without movement or motion; completely still

46. Sensors convert physical phenomena into _____ signals.

adj. processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

47. The cathedral _____ soared high above, its stained-glass windows casting colorful light on the altar below.

n. a rounded vault forming the roof of a building or structure, typically with a circular base

48. The minority _____ believed in a set of unconventional religious practices.

n. a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream

49. The toned-down, _____ colors in the living room gave it a cozy and relaxed feeling.

adj. having a subdued or softened sound, color, or tone; restrained or understated in expression or style

50. The _____ session of the Diet opened.

adj. not different, exceptional, or unexpected in any way, especially in quality, ability, size, or degree

51. He was pretty _____ to pass the exam.

adj. having good luck or lucky

ANSWERS: 45. motionless, 46. digital, 47. dome, 48. sect, 49. muted, 50. ordinary, 51. fortunate

52. Please _____ her with the furniture relocation.

v. to help someone in doing anything

53. The _____ for the conference was impressive and professional.

n. the arrangement or organization of something, often with a specific purpose or intention; a scheme or plan that is intended to deceive or trick someone

54. We are motivated by _____ rather than necessity.

n. a strong desire to know or learn about something

55. This remote _____ is rarely visited.

n. a particular location or place; a small round or roundish area, differing in color or feels from the surface around it

56. The Milky Way _____ has numerous water-bearing planets.

n. an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity

57. _____ brooks are noisier than deep rivers.

adj. not having much distance from the top to the bottom

58. I found a stink _____ crawling across the ceiling.

n. any tiny insect; a fault or defect in a computer program, system, or machine

59. She was disbarred for her _____ in fraud.

adj. attracting, pleasant, or charming

60. I prefer using _____ razors because they are more convenient.

adj. designed to be used once and then thrown away

ANSWERS: 52. assist, 53. setup, 54. curiosity, 55. spot, 56. galaxy, 57. Shallow, 58. bug, 59. engaging, 60. disposable

61. The new program is an _____ of the main curriculum for students with specific interests.
- n.* a subsidiary or secondary branch or part of something; a new development or idea that has grown out of a larger one
62. The plant will continue operating through an _____ system 24 hours a day.
- adj.* carried out by machines or computers to replace or decrease human labor
63. The prime minister faced _____ criticism.
- adj.* severe and unkind; extremely tough and unpleasant to inhabit
64. She wiped the _____ off her forehead with a towel.
- n.* the salty liquid that is produced by the glands in the skin, especially when the body is hot or under stress
65. _____ a society is an organism.
- adv.* relating to the essential features or concepts of anything
66. I used an optical _____ to observe the small organisms in the water sample.
- n.* an instrument used to see objects or substances that are too small to be seen with the naked eye
67. I had to be careful not to step on a _____ of glass on the floor.
- n.* a small, thin, narrow piece or fragment of something, often characterized by its length or its sharpness or thinness; a small portion or amount of something, often used in a metaphorical sense to describe a trace or a hint of something
68. Some comic book characters are considered gay _____.
- n.* a picture or statue of a holy person considered to be a sacred thing; a little icon on the screen of a computer or smartphone that denotes an application or a file

ANSWERS: 61. offshoot, 62. automated, 63. harsh, 64. sweat, 65. Essentially, 66. microscope, 67. sliver, 68. icons

69. The company has made great strides in its _____ toward sustainability.
n. the act or process of changing to the next stage or phase or moving forward
70. The phone rang at the most _____ time.
adj. suitable or happening at a time that is suitable or convenient for a particular purpose
71. He moved his body _____ to the left.
adv. in a small degree or extent; a little
72. In ancient civilizations, the scarab _____ was worshiped as a sacred creature.
n. an insect having a hard shell-like back covering its wings
73. Your credit card is no longer _____.
adj. having a reasonable basis in logic or fact; still legally or officially acceptable
74. Terrorists often attempt to _____ the economic impact of their acts of destruction.
v. to make something look bigger than it really is, especially by looking at it through a lens; to make something bigger, stronger, or louder
75. Inspectors noticed _____ cracks in the submarine's hull.
adj. tiny; exceedingly precise and detail-oriented; of or used in microscopy

ANSWERS: 69. progression, 70. opportune, 71. slightly, 72. beetle, 73. valid, 74. magnify, 75. microscopic