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Vocabulary Builder Reference from...

Cella Wright: This sea creature breathes through its butt | TED Talk

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

Advanced Words Only

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Session 1: Word List

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.

toothpaste

n. a paste or gel used for cleaning the teeth and freshening the breath

synonym: paste, gel, dentifrice

(1) **toothpaste** hygiene product, (2) **toothpaste** tube

I always use mint-flavored **toothpaste** to refresh my mouth in the morning and at night.

cucumber

n. a long and green fruit with thin skin and crisp, refreshing flesh, typically eaten as a vegetable

(1) a **cucumber** face mask, (2) several varieties of **cucumbers**

I like to slice **cucumber** and put it on my sandwiches.

- toil**
- v. to work hard and persistently; to engage in physically or mentally demanding tasks or activities for extended periods of time
- synonym* : struggle, labor, work hard
- (1) **toil** to make a living, (2) **toil** up the mountain
- The farmers **toiled** in the fields, harvesting the crops before the start of the rainy season.
- pave**
- v. to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use
- synonym* : surface, coat, cover
- (1) **pave** a new path, (2) **pave** a smoother road
- They **paved** the courtyard with bricks, giving it a more polished appearance.
- phylum**
- n. a major group or category of animals or plants characterized by shared physical, developmental, and evolutionary characteristics
- synonym* : division, group, classification
- (1) animal **phylum**, (2) plant **phylum**
- Arthropoda is the largest **phylum** in the animal kingdom, comprising insects, spiders, and crustaceans.
- urchin**
- n. a poor and mischievous young child, usually living on the street or in a disadvantaged community; a small, spiny marine animal with a round body and long, pointed spines
- synonym* : mischief, waif, guttersnipe
- (1) **urchin** child, (2) street **urchin**
- The young boy was an **urchin** wandering the streets without a home.
- starfish**
- n. marine invertebrate that belongs to the phylum Echinodermata, characterized by a five-armed body shape that resembles a star, typically found on or near the seafloor
- synonym* :

sea star, echinoderm, asteroid

(1) **starfish** arm, (2) **starfish** habitat

The **starfish's** unique shape helps it to escape from predators quickly.

symmetrical

adj. having similarity in size, shape, and relative position of corresponding parts

synonym: harmonious, balanced, proportional

(1) **symmetrical** triangle, (2) **symmetrical** pattern

This figure is **symmetrical** about the x-axis.

spiny

adj. covered with spines, thorns, or prickly projections; having an abrasive or irritating manner or causing discomfort or annoyance

synonym: thorny, prickly, bristly

(1) **spiny** shrub, (2) **spiny** lobster

The **spiny** cactus plant was difficult to handle without getting pricked.

invertebrate

n. a class of animals that do not have a backbone; they include insects, worms, and mollusks

synonym: animal, mollusk, worm

(1) **invertebrate** species, (2) study of **invertebrates**

Many species of marine **invertebrates**, such as corals and sponges, are important components of ocean ecosystems.

feathery

adj. having or resembling the soft and delicate feathers of a bird, typically in texture or appearance

synonym: fluffy, plumed, downy

(1) **feathery** fronds, (2) delicate **feathery**

The **feathery** leaves of the plant gently swayed in the breeze.

tentacle

n. a flexible, mobile, and long arm-like organ used for feeling and holding things, catching food, or moving

(1) a squid's **tentacle**, (2) posterior **tentacle**

The police caught the fugitive criminal in the **tentacles** of an

expanded investigation.

bloated

adj. having an abnormally swollen or enlarged appearance, often due to an accumulation of fluid or excessive consumption of food or drink

synonym : swollen, inflated, puffed-up

(1) **bloated** budget, (2) **bloated** feeling

Her stomach was visibly **bloated** after eating a large meal.

headless

adj. having no head or lacking a head

synonym : decapitated, beheaded

(1) find his **headless** body, (2) **headless** torso

The **headless** corpse was found in the alleyway behind the nightclub.

digestive

adj. relating to or capable of causing or promoting digestion of food

(1) **digestive** juices, (2) a **digestive** enzyme

A nutritious diet improves **digestive** functions.

bookend

n. an object, often decorative or functional, placed at either end of a row of books on a shelf to help keep them upright and organized; something that serves as the beginning and end of a series or a period of time.

synonym : book stop, end piece, support

(1) wooden **bookend**, (2) **bookend** design

The movie starts and ends with a panoramic shot of the city, serving as a great **bookend** to the story.

scoot

v. to move or glide along quickly and smoothly on a surface, especially on a scooter or similar device

synonym : glide, slide, scurry

(1) **scoot** out of my room, (2) **scoot** over

I have to **scoot** over to the next desk because there's not enough room for me to sit comfortably.

seafloor

n. the bottom of the ocean

synonym: ocean floor, benthic zone, abyssal plain

(1) **seafloor** exploration, (2) **seafloor** mapping

The oceanographer studied the **seafloor** topography to understand how it had changed over time.

respiration

n. the process of inhaling and exhaling air to exchange oxygen and carbon dioxide with the environment; the total of the physiological processes by which living organisms metabolize oxygen and release carbon dioxide

synonym: breathing, ventilation

(1) **respiration** rate, (2) artificial **respiration**

The doctor carefully monitored the patient's **respiration** during the surgery.

anus

n. the opening at the end of the digestive tract through which feces are discharged; the outlet of the rectum

synonym: rectum, back passage, bottom

(1) **anus** fissure, (2) **anus** hygiene

He felt a pain in his **anus** after a long bike ride.

rhythmic

adj. having a pattern of regular beats or a regular beat; characterized by rhythm

synonym: measured, metrical, cadenced

(1) a **rhythmic** stroking, (2) in a **rhythmic** pace

The **rhythmic** sound of the drums was mesmerizing.

seawater

n. water from the sea or ocean, typically containing salt and various other dissolved minerals

synonym: saltwater, brine, ocean water

(1) **seawater** pollution, (2) **seawater** bacteria

The desalination plant turned **seawater** into drinking water through a complex process.

pearlfish

n. a type of fish that lives in coral reefs and burrows into other organisms for shelter or food

(1) venomous **pearlfish**, (2) white-stripe **pearlfish**

Some **pearlfish** species are pests because they harm or kill their hosts.

dilate

v. to make something wider, larger, or more open

synonym: widen, open, enlarge

(1) **dilate** the bronchial tubes, (2) **dilate** blood vessel

The pupils of the eyes **dilate** in low light.

shimmy

v. to shake or vibrate rapidly; (noun, of dancing or performing) a movement or technique that involves shaking the hips or shoulders in a rapid, rhythmic motion

synonym: jiggle, wiggle, shake

(1) **shimmy** dance, (2) **shimmy** through the crowd

She started to **shimmy** her hips to the beat of the music.

intrude

v. to enter or to be present in a place or situation where one is not wanted or allowed; to interrupt or disturb someone or something

synonym: impose, obtrude, interlope

(1) **intrude** on his personal space, (2) **intrude** on other people's conversations

The loud music from the party next door **intruded** into my peaceful evening at home.

evade

v. to escape from or avoid meeting someone or something

synonym: dodge, avoid, bypass

(1) **evade** capture, (2) **evade** an issue

The jailbroken criminal is continuously attempting to **evade** the cops.

counterattack

n. an attack made in response to an attack by an enemy or opponent often intended to stop or oppose against it

synonym: retaliation, reprisal, response

(1) gear up for a **counterattack**, (2) launch a **counterattack**

The company launched a **counterattack** against its rivals

with a new marketing campaign.

mutable

adj. liable or subject to change; changeable; capable of being changed or altered

synonym: variable, changeable, unstable

(1) **mutable** opinions, (2) **mutable** weather conditions

The **mutable** nature of technology means that it's constantly evolving and changing.

collagen

n. a fibrous protein that forms the connective tissues in animals, including skin, tendons, and bone; often used in cosmetic and medical treatments for its ability to add firmness and elasticity to skin or other tissues

synonym: gelatin, protein, tissue

(1) **collagen** supplement, (2) **collagen** production

Our natural **collagen** production decreases as we age, leading to wrinkles, sagging skin, and joint pain.

fibril

n. a small, thread-like structure, often microscopic, that makes up part of a larger structure, such as a muscle fiber or a nerve cell

synonym: filament, thread, fiber

(1) **fibril** formation, (2) amyloid **fibril**

The doctor found a **fibril** in her patient's blood sample, indicating a possible health issue.

stiffen

v. to make or become stiff or rigid; to become inflexible or unyielding in one's attitude or behavior

synonym: harden, solidify, tense

(1) **stiffen** joints, (2) **stiffen** penalties

The cold weather made my muscles **stiffen** up.

locomotion

n. the action or ability to move from one place to another

synonym: movement, travel, mobility

(1) **locomotion** system, (2) **locomotion** control

The **locomotion** of the robotic arm was smooth and precise.

asexual

adj. lacking sexual organs or characteristics; not involving or characterized by sexual activity; neither male nor female in gender identity; not operating in a sexual manner or with sexual connotations

synonym : neutral, sexless, unisex

(1) **asexual** community, (2) **asexual** individual

Asexual reproduction is a common trait found in certain species of plants and animals.

predator

n. an animal whose natural behavior is to prey on others

synonym : vulture, bloodsucker

(1) apex **predator**, (2) sexual **predators**

The native South American animals were in danger because of the **predator's** arrival.

loosen

v. to make something less tight, firm, or fixed; to free from restraint or constraint; to relax

synonym : relax, slacken, untie

(1) **loosen** grip, (2) **loosen** knot

Please **loosen** the screws on the back panel so we can access the inside of the machine.

eviscerate

v. to remove the internal organs of an animal; to severely criticize or attack someone or something

synonym : disembowel, gut, devitalize

(1) **eviscerate** the infected organs, (2) **eviscerate** the movie

The predator **eviscerated** its prey and ate its internal organs.

startling

adj. extremely surprising, astonishing, and sometimes worrying

synonym : alarming, astonishing, shocking

(1) **startling** earthquake shocks, (2) **startling** discovery

He describes the story with **startling** reality.

distract

v. to draw someone's attention away from what they are trying to do

synonym : divert, preoccupy, confuse

(1) **distract** attention from the real issue, (2) **distract** public opinion

Please don't **distract** me while I'm studying.

innards

n. the internal organs of a human or animal; the visceral organs, especially the stomach, and intestines; the internal parts of something

synonym: entrails, guts, viscera

(1) animal **innards**, (2) **innards** of a machine

The chef used the **innards** of the fish to make a flavorful broth.

drastic

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

synonym: extreme, fierce, radical

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

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

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.

cumbersome

adj. difficult to handle or use, especially because of being large, heavy, or not effective; not elegant or graceful in expression

synonym: clumsy, awkward, bulky

(1) **cumbersome** process, (2) a **cumbersome** suitcase

His **cumbersome** writing style made the reader confused.

graze

v. to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping

synonym: nibble, feed, scrape

(1) turn cattle out to **graze**, (2) **graze** the left shoulder
The sheep **graze** on the green grass in the meadow.

seabed

n. the bottom of a sea or ocean; the surface of the sea's bed, which can be rocky, sandy, muddy, or covered with coral or other organisms

synonym: ocean floor, sea bottom

(1) **seabed** mining, (2) **seabed** habitat

The dense coral reefs on the **seabed** provide a home for various marine life.

abyss

n. a deep, dark, or seemingly bottomless chasm or void
synonym: chasm, cavity, gulf

(1) the **abyss** of time, (2) an **abyss** of hopelessness

The deep sea is an **abyss** of mystery and discovery.

trench

n. a long, deep ditch made in the ground, usually parallel to a plate boundary and marking a subduction zone; a long ditch built in the ground for carrying away water

synonym: aqueduct, ditch, channel

(1) deep-sea **trench**, (2) **trench** excavator

A **trench** was being dug alongside the road by workers.

sausage

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

synonym: bratwurst, wurst, frankfurter

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

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

trudge

v. to walk or march slowly and heavily, typically due to exhaustion, difficulty, or reluctance; to move with effort or laboriously

synonym: plod, slog, hike

(1) **trudge** through mud, (2) **trudge** up the hill

The hiker **trudged** through the dense forest, chopping his way with a machete.

excrete

v. to discharge waste matter, such as urine or feces, from the body or a cell or gland

synonym : eliminate, expel, secrete

(1) **excrete** a sticky liquid, (2) **excrete** waste products

The body **excretes** excess salt through urine to maintain proper electrolyte balance.

byproduct

n. a secondary or incidental product produced in the manufacture or synthesis of something else

synonym : side effect, spinoff, outgrowth

(1) toxic **byproducts**, (2) **byproduct** of technology

The **byproduct** of the energy production process is a large amount of carbon dioxide emissions.

detritus

n. waste or debris of any kind, particularly organic matter that has decayed or broken off from larger organisms; figuratively, a collection of disorganized or discarded material or ideas

synonym : debris, waste, garbage

(1) **detritus** pile, (2) **detritus** removal

The beach was littered with **detritus** and trash left behind by careless visitors.

recycle

v. to sort and collect things to process them and produce valuable materials that can be used again

synonym : reclaim, reuse, reprocess

(1) **recycle** the cardboard boxes, (2) **recycle** milk packaging into new paper

We largely **recycle** the circuit board of cell phones because they contain a lot of valuable metals.

shellfish

n. water creatures that live in shells, especially one of the types that can be eaten

synonym : clam, mollusk

(1) **shellfish** allergy, (2) edible **shellfish**

Shellfish can cause allergic reactions in certain people.

excretion

n. the process of eliminating waste products from the body; the waste products themselves

synonym: elimination, evacuation, secretion

(1) **excretion** system, (2) liquid **excretion**

The body's **excretion** of waste products is essential for maintaining good health.

acidification

n. the act or process of becoming acid or making something become acid

(1) **acidification** of soil, (2) stream **acidification**

Ocean **acidification** leads to a decrease in tiny sea snails.

rejoicing

n. the expression of joy or happiness; a feeling or state of great joy or delight

synonym: celebration, merriment, festivity

(1) sound of **rejoicing**, (2) **rejoicing** family

There was much **rejoicing** among the fans when their team won the championship.

crunch

n. a loud, crackling noise made by something being crushed or broken; a difficult or critical situation

synonym: crushing, snapping, crisis

(1) financial **crunch**, (2) a gas **crunch**

The **crunch** of the leaves underfoot was heard as they walked through the park.

pickle

n. vegetables or fruit preserved in salty water or vinegar served cold with meat, salads, etc.; informal terms for a difficult situation

synonym: jam, predicament, quagmire

(1) **pickle** a cucumber, (2) **pickle** barrel

The **pickle** must have an acidity level high enough to inhibit the growth of bacteria.

Session 2: Spelling

1. in____e on other people's conversations
v. to enter or to be present in a place or situation where one is not wanted or allowed; to interrupt or disturb someone or something
2. st_____ng discovery
adj. extremely surprising, astonishing, and sometimes worrying
3. evi_____te the movie
v. to remove the internal organs of an animal; to severely criticize or attack someone or something
4. animal in____s
n. the internal organs of a human or animal; the visceral organs, especially the stomach, and intestines; the internal parts of something
5. di____ct public opinion
v. to draw someone's attention away from what they are trying to do
6. se_____er pollution
n. water from the sea or ocean, typically containing salt and various other dissolved minerals
7. in____s of a machine
n. the internal organs of a human or animal; the visceral organs, especially the stomach, and intestines; the internal parts of something
8. pi____e a cucumber
n. vegetables or fruit preserved in salty water or vinegar served cold with meat, salads, etc.; informal terms for a difficult situation
9. sc__t out of my room
v. to move or glide along quickly and smoothly on a surface, especially on a scooter or similar device

ANSWERS: 1. intrude, 2. startling, 3. eviscerate, 4. innards, 5. distract, 6. seawater, 7. innards, 8. pickle, 9. scoot

10. he____ss torso *adj.* having no head or lacking a head
11. cum_____me process *adj.* difficult to handle or use, especially because of being large, heavy, or not effective; not elegant or graceful in expression
12. as____l individual *adj.* lacking sexual organs or characteristics; not involving or characterized by sexual activity; neither male nor female in gender identity; not operating in a sexual manner or with sexual connotations
13. sp__y lobster *adj.* covered with spines, thorns, or prickly projections; having an abrasive or irritating manner or causing discomfort or annoyance
14. deep-sea tr____h *n.* a long, deep ditch made in the ground, usually parallel to a plate boundary and marking a subduction zone; a long ditch built in the ground for carrying away water
15. a reg_____te sinner *v.* to improve or renew an area, institution, system, etc., especially by making it more active or successful
16. sound of re_____ng *n.* the expression of joy or happiness; a feeling or state of great joy or delight
17. venomous pe_____sh *n.* a type of fish that lives in coral reefs and burrows into other organisms for shelter or food
18. pi____e barrel *n.* vegetables or fruit preserved in salty water or vinegar served cold with meat, salads, etc.; informal terms for a difficult situation

ANSWERS: 10. headless, 11. cumbersome, 12. asexual, 13. spiny, 14. trench, 15. regenerate, 16. rejoicing, 17. pearlfish, 18. pickle

19. di_____ve juices *adj.* relating to or capable of causing or promoting digestion of food
20. evi_____te the infected organs *v.* to remove the internal organs of an animal; to severely criticize or attack someone or something
21. artificial res_____on *n.* the process of inhaling and exhaling air to exchange oxygen and carbon dioxide with the environment; the total of the physiological processes by which living organisms metabolize oxygen and release carbon dioxide
22. study of inv_____ates *n.* a class of animals that do not have a backbone; they include insects, worms, and mollusks
23. a gas cr____h *n.* a loud, crackling noise made by something being crushed or broken; a difficult or critical situation
24. tr____h excavator *n.* a long, deep ditch made in the ground, usually parallel to a plate boundary and marking a subduction zone; a long ditch built in the ground for carrying away water
25. a__s fissure *n.* the opening at the end of the digestive tract through which feces are discharged; the outlet of the rectum
26. 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: 19. digestive, 20. eviscerate, 21. respiration, 22. invertebrate, 23. crunch, 24. trench, 25. anus, 26. mold

27. ex____e a sticky liquid *v.* to discharge waste matter, such as urine or feces, from the body or a cell or gland
28. res_____on rate *n.* the process of inhaling and exhaling air to exchange oxygen and carbon dioxide with the environment; the total of the physiological processes by which living organisms metabolize oxygen and release carbon dioxide
29. se____or exploration *n.* the bottom of the ocean
30. gr__e the left shoulder *v.* to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping
31. beef sa____e *n.* a type of meat product usually made from pork, beef, or poultry, chopped into small pieces, put in a long tube of skin, then cooked or served cold in thin slices
32. t__l up the mountain *v.* to work hard and persistently; to engage in physically or mentally demanding tasks or activities for extended periods of time
33. st____sh arm *n.* marine invertebrate that belongs to the phylum Echinodermata, characterized by a five-armed body shape that resembles a star, typically found on or near the seafloor
34. di____e the bronchial tubes *v.* to make something wider, larger, or more open

ANSWERS: 27. excrete, 28. respiration, 29. seafloor, 30. graze, 31. sausage, 32. toil, 33. starfish, 34. dilate

35. German sa____e *n.* a type of meat product usually made from pork, beef, or poultry, chopped into small pieces, put in a long tube of skin, then cooked or served cold in thin slices
36. st____n penalties *v.* to make or become stiff or rigid; to become inflexible or unyielding in one's attitude or behavior
37. a cu____er face mask *n.* a long and green fruit with thin skin and crisp, refreshing flesh, typically eaten as a vegetable
38. sh____sh allergy *n.* water creatures that live in shells, especially one of the types that can be eaten
39. make dr____c revision *adj.* radical and extreme; likely to have a significant or far-reaching impact
40. re____e milk packaging into new paper *v.* to sort and collect things to process them and produce valuable materials that can be used again
41. ev__e capture *v.* to escape from or avoid meeting someone or something
42. apex pr____or *n.* an animal whose natural behavior is to prey on others
43. co____en production *n.* a fibrous protein that forms the connective tissues in animals, including skin, tendons, and bone; often used in cosmetic and medical treatments for its ability to add firmness and elasticity to skin or other tissues
44. loc____on system *n.* the action or ability to move from one place to another

ANSWERS: 35. sausage, 36. stiffen, 37. cucumber, 38. shellfish, 39. drastic, 40. recycle, 41. evade, 42. predator, 43. collagen, 44. locomotion

45. sym_____al pattern *adj.* having similarity in size, shape, and relative position of corresponding parts
46. se_____er bacteria *n.* water from the sea or ocean, typically containing salt and various other dissolved minerals
47. too_____te hygiene product *n.* a paste or gel used for cleaning the teeth and freshening the breath
48. a cum_____me suitcase *adj.* difficult to handle or use, especially because of being large, heavy, or not effective; not elegant or graceful in expression
49. delicate fe_____ry *adj.* having or resembling the soft and delicate feathers of a bird, typically in texture or appearance
50. sc__t over *v.* to move or glide along quickly and smoothly on a surface, especially on a scooter or similar device
51. se____d habitat *n.* the bottom of a sea or ocean; the surface of the sea's bed, which can be rocky, sandy, muddy, or covered with coral or other organisms
52. bo____d design *n.* an object, often decorative or functional, placed at either end of a row of books on a shelf to help keep them upright and organized; something that serves as the beginning and end of a series or a period of time.
53. toxic by_____cts *n.* a secondary or incidental product produced in the manufacture or synthesis of something else

ANSWERS: 45. symmetrical, 46. seawater, 47. toothpaste, 48. cumbersome, 49. feathery, 50. scoot, 51. seabed, 52. bookend, 53. byproduct

54. de____us pile *n.* waste or debris of any kind, particularly organic matter that has decayed or broken off from larger organisms; figuratively, a collection of disorganized or discarded material or ideas
55. sym_____al triangle *adj.* having similarity in size, shape, and relative position of corresponding parts
56. posterior te_____le *n.* a flexible, mobile, and long arm-like organ used for feeling and holding things, catching food, or moving
57. st_____sh habitat *n.* marine invertebrate that belongs to the phylum Echinodermata, characterized by a five-armed body shape that resembles a star, typically found on or near the seafloor
58. plant ph____m *n.* a major group or category of animals or plants characterized by shared physical, developmental, and evolutionary characteristics
59. amyloid fi____l *n.* a small, thread-like structure, often microscopic, that makes up part of a larger structure, such as a muscle fiber or a nerve cell
60. ev__e an issue *v.* to escape from or avoid meeting someone or something
61. gear up for a cou_____ack *n.* an attack made in response to an attack by an enemy or opponent often intended to stop or oppose against it
62. p__e a smoother road *v.* to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use

ANSWERS: 54. detritus, 55. symmetrical, 56. tentacle, 57. starfish, 58. phylum, 59. fibril, 60. evade, 61. counterattack, 62. pave

63. fi___l formation *n.* a small, thread-like structure, often microscopic, that makes up part of a larger structure, such as a muscle fiber or a nerve cell
64. liquid ex_____on *n.* the process of eliminating waste products from the body; the waste products themselves
65. lo___n grip *v.* to make something less tight, firm, or fixed; to free from restraint or constraint; to relax
66. dr_____c measures *adj.* radical and extreme; likely to have a significant or far-reaching impact
67. mu_____e weather conditions *adj.* liable or subject to change; changeable; capable of being changed or altered
68. ex_____on system *n.* the process of eliminating waste products from the body; the waste products themselves
69. t__l to make a living *v.* to work hard and persistently; to engage in physically or mentally demanding tasks or activities for extended periods of time
70. st_____ng earthquake shocks *adj.* extremely surprising, astonishing, and sometimes worrying
71. p__e a new path *v.* to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use
72. 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

ANSWERS: 63. fibril, 64. excretion, 65. loosen, 66. drastic, 67. mutable, 68. excretion, 69. toil, 70. startling, 71. pave, 72. mold

73. mu____e opinions *adj.* liable or subject to change; changeable; capable of being changed or altered
74. loc_____on control *n.* the action or ability to move from one place to another
75. financial cr___h *n.* a loud, crackling noise made by something being crushed or broken; a difficult or critical situation
76. se___d mining *n.* the bottom of a sea or ocean; the surface of the sea's bed, which can be rocky, sandy, muddy, or covered with coral or other organisms
77. fe_____ry fronds *adj.* having or resembling the soft and delicate feathers of a bird, typically in texture or appearance
78. tr___e through mud *v.* to walk or march slowly and heavily, typically due to exhaustion, difficulty, or reluctance; to move with effort or laboriously
79. the ab__s of time *n.* a deep, dark, or seemingly bottomless chasm or void
80. lo___n knot *v.* to make something less tight, firm, or fixed; to free from restraint or constraint; to relax
81. animal ph___m *n.* a major group or category of animals or plants characterized by shared physical, developmental, and evolutionary characteristics
82. st_____n joints *v.* to make or become stiff or rigid; to become inflexible or unyielding in one's attitude or behavior

ANSWERS: 73. mutable, 74. locomotion, 75. crunch, 76. seabed, 77. feathery, 78. trudge, 79. abyss, 80. loosen, 81. phylum, 82. stiffen

83. wooden bo____d *n.* an object, often decorative or functional, placed at either end of a row of books on a shelf to help keep them upright and organized; something that serves as the beginning and end of a series or a period of time.
84. bl____d feeling *adj.* having an abnormally swollen or enlarged appearance, often due to an accumulation of fluid or excessive consumption of food or drink
85. several varieties of cu____ers *n.* a long and green fruit with thin skin and crisp, refreshing flesh, typically eaten as a vegetable
86. as____l community *adj.* lacking sexual organs or characteristics; not involving or characterized by sexual activity; neither male nor female in gender identity; not operating in a sexual manner or with sexual connotations
87. a rh____ic stroking *adj.* having a pattern of regular beats or a regular beat; characterized by rhythm
88. re____ng family *n.* the expression of joy or happiness; a feeling or state of great joy or delight
89. di____ct attention from the real issue *v.* to draw someone's attention away from what they are trying to do
90. di____e blood vessel *v.* to make something wider, larger, or more open
91. sexual pr____ors *n.* an animal whose natural behavior is to prey on others

ANSWERS: 83. bookend, 84. bloated, 85. cucumber, 86. asexual, 87. rhythmic, 88. rejoicing, 89. distract, 90. dilate, 91. predator

92. stream aci_____ion *n.* the act or process of becoming acid or making something become acid
93. sp__y shrub *adj.* covered with spines, thorns, or prickly projections; having an abrasive or irritating manner or causing discomfort or annoyance
94. de_____us removal *n.* waste or debris of any kind, particularly organic matter that has decayed or broken off from larger organisms; figuratively, a collection of disorganized or discarded material or ideas
95. turn cattle out to gr__e *v.* to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping
96. reg_____te bone tissue *v.* to improve or renew an area, institution, system, etc., especially by making it more active or successful
97. a di_____ve enzyme *adj.* relating to or capable of causing or promoting digestion of food
98. sh___y dance *v.* to shake or vibrate rapidly; (noun, of dancing or performing) a movement or technique that involves shaking the hips or shoulders in a rapid, rhythmic motion
99. tr___e up the hill *v.* to walk or march slowly and heavily, typically due to exhaustion, difficulty, or reluctance; to move with effort or laboriously
100. ur___n child *n.* a poor and mischievous young child, usually living on the street or in a disadvantaged community; a small, spiny marine animal with a round body and long, pointed spines

ANSWERS: 92. acidification, 93. spiny, 94. detritus, 95. graze, 96. regenerate, 97. digestive, 98. shimmy, 99. trudge, 100. urchin

101. se_____or mapping *n.* the bottom of the ocean
102. in a rh_____ic pace *adj.* having a pattern of regular beats or a regular beat; characterized by rhythm
103. edible sh_____sh *n.* water creatures that live in shells, especially one of the types that can be eaten
104. too_____te tube *n.* a paste or gel used for cleaning the teeth and freshening the breath
105. street ur_____n *n.* a poor and mischievous young child, usually living on the street or in a disadvantaged community; a small, spiny marine animal with a round body and long, pointed spines
106. in_____e on his personal space *v.* to enter or to be present in a place or situation where one is not wanted or allowed; to interrupt or disturb someone or something
107. white-stripe pe_____sh *n.* a type of fish that lives in coral reefs and burrows into other organisms for shelter or food
108. re_____e the cardboard boxes *v.* to sort and collect things to process them and produce valuable materials that can be used again
109. inv_____ate species *n.* a class of animals that do not have a backbone; they include insects, worms, and mollusks
110. bl_____d budget *adj.* having an abnormally swollen or enlarged appearance, often due to an accumulation of fluid or excessive consumption of food or drink

ANSWERS: 101. seafloor, 102. rhythmic, 103. shellfish, 104. toothpaste, 105. urchin, 106. intrude, 107. pearlfish, 108. recycle, 109. invertebrate, 110. bloated

111. a squid's te____le *n.* a flexible, mobile, and long arm-like organ used for feeling and holding things, catching food, or moving
112. an ab__s of hopelessness *n.* a deep, dark, or seemingly bottomless chasm or void
113. by____ct of technology *n.* a secondary or incidental product produced in the manufacture or synthesis of something else
114. aci_____ion of soil *n.* the act or process of becoming acid or making something become acid
115. launch a cou_____ack *n.* an attack made in response to an attack by an enemy or opponent often intended to stop or oppose against it
116. ex_____e waste products *v.* to discharge waste matter, such as urine or feces, from the body or a cell or gland
117. co_____en supplement *n.* a fibrous protein that forms the connective tissues in animals, including skin, tendons, and bone; often used in cosmetic and medical treatments for its ability to add firmness and elasticity to skin or other tissues
118. find his he_____ss body *adj.* having no head or lacking a head
119. sh____y through the crowd *v.* to shake or vibrate rapidly; (noun, of dancing or performing) a movement or technique that involves shaking the hips or shoulders in a rapid, rhythmic motion
120. a__s hygiene *n.* the opening at the end of the digestive tract through which feces are discharged; the outlet of the rectum

ANSWERS: 111. tentacle, 112. abyss, 113. byproduct, 114. acidification, 115. counterattack, 116. excrete, 117. collagen, 118. headless, 119. shimmy, 120. anus

ANSWERS:

Session 3: Fill in the Blanks

1. The _____ of the robotic arm was smooth and precise.
n. the action or ability to move from one place to another
2. He describes the story with _____ reality.
adj. extremely surprising, astonishing, and sometimes worrying
3. The desalination plant turned _____ into drinking water through a complex process.
n. water from the sea or ocean, typically containing salt and various other dissolved minerals
4. There was much _____ among the fans when their team won the championship.
n. the expression of joy or happiness; a feeling or state of great joy or delight
5. The mother sliced off a piece of _____.
n. a type of meat product usually made from pork, beef, or poultry, chopped into small pieces, put in a long tube of skin, then cooked or served cold in thin slices
6. A _____ was being dug alongside the road by workers.
n. a long, deep ditch made in the ground, usually parallel to a plate boundary and marking a subduction zone; a long ditch built in the ground for carrying away water
7. The _____ leaves of the plant gently swayed in the breeze.
adj. having or resembling the soft and delicate feathers of a bird, typically in texture or appearance

ANSWERS: 1. locomotion, 2. startling, 3. seawater, 4. rejoicing, 5. sausage, 6. trench, 7. feathery

8. The sheep _____ on the green grass in the meadow.
- v.* to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping
9. Her stomach was visibly _____ after eating a large meal.
- adj.* having an abnormally swollen or enlarged appearance, often due to an accumulation of fluid or excessive consumption of food or drink
10. The _____ unique shape helps it to escape from predators quickly.
- n.* marine invertebrate that belongs to the phylum Echinodermata, characterized by a five-armed body shape that resembles a star, typically found on or near the seafloor
11. The body's _____ of waste products is essential for maintaining good health.
- n.* the process of eliminating waste products from the body; the waste products themselves
12. The _____ of the energy production process is a large amount of carbon dioxide emissions.
- n.* a secondary or incidental product produced in the manufacture or synthesis of something else
13. The company launched a _____ against its rivals with a new marketing campaign.
- n.* an attack made in response to an attack by an enemy or opponent often intended to stop or oppose against it
14. _____ can cause allergic reactions in certain people.
- n.* water creatures that live in shells, especially one of the types that can be eaten

ANSWERS: 8. graze, 9. bloated, 10. starfish's, 11. excretion, 12. byproduct, 13. counterattack, 14. Shellfish

15. The _____ corpse was found in the alleyway behind the nightclub.
adj. having no head or lacking a head
16. The loud music from the party next door _____ into my peaceful evening at home.
v. to enter or to be present in a place or situation where one is not wanted or allowed; to interrupt or disturb someone or something
17. Please _____ the screws on the back panel so we can access the inside of the machine.
v. to make something less tight, firm, or fixed; to free from restraint or constraint; to relax
18. 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
19. The jailbroken criminal is continuously attempting to _____ the cops.
v. to escape from or avoid meeting someone or something
20. She started to _____ her hips to the beat of the music.
v. to shake or vibrate rapidly; (noun, of dancing or performing) a movement or technique that involves shaking the hips or shoulders in a rapid, rhythmic motion
21. _____ reproduction is a common trait found in certain species of plants and animals.
adj. lacking sexual organs or characteristics; not involving or characterized by sexual activity; neither male nor female in gender identity; not operating in a sexual manner or with sexual connotations

ANSWERS: 15. headless, 16. intruded, 17. loosen, 18. mold, 19. evade, 20. shimmy, 21. Asexual

22. The _____ cactus plant was difficult to handle without getting pricked.
adj. covered with spines, thorns, or prickly projections; having an abrasive or irritating manner or causing discomfort or annoyance
23. They _____ the courtyard with bricks, giving it a more polished appearance.
v. to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use
24. The young boy was an _____ wandering the streets without a home.
n. a poor and mischievous young child, usually living on the street or in a disadvantaged community; a small, spiny marine animal with a round body and long, pointed spines
25. I always use mint-flavored _____ to refresh my mouth in the morning and at night.
n. a paste or gel used for cleaning the teeth and freshening the breath
26. The police caught the fugitive criminal in the _____ of an expanded investigation.
n. a flexible, mobile, and long arm-like organ used for feeling and holding things, catching food, or moving
27. The doctor carefully monitored the patient's _____ during the surgery.
n. the process of inhaling and exhaling air to exchange oxygen and carbon dioxide with the environment; the total of the physiological processes by which living organisms metabolize oxygen and release carbon dioxide
28. Arthropoda is the largest _____ in the animal kingdom, comprising insects, spiders, and crustaceans.
n. a major group or category of animals or plants characterized by shared physical, developmental, and evolutionary characteristics

ANSWERS: 22. spiny, 23. paved, 24. urchin, 25. toothpaste, 26. tentacles, 27. respiration, 28. phylum

29. Our natural _____ production decreases as we age, leading to wrinkles, sagging skin, and joint pain.
- n.* a fibrous protein that forms the connective tissues in animals, including skin, tendons, and bone; often used in cosmetic and medical treatments for its ability to add firmness and elasticity to skin or other tissues
30. The chef used the _____ of the fish to make a flavorful broth.
- n.* the internal organs of a human or animal; the visceral organs, especially the stomach, and intestines; the internal parts of something
31. Some _____ species are pests because they harm or kill their hosts.
- n.* a type of fish that lives in coral reefs and burrows into other organisms for shelter or food
32. This figure is _____ about the x-axis.
- adj.* having similarity in size, shape, and relative position of corresponding parts
33. The _____ nature of technology means that it's constantly evolving and changing.
- adj.* liable or subject to change; changeable; capable of being changed or altered
34. The oceanographer studied the _____ topography to understand how it had changed over time.
- n.* the bottom of the ocean
35. Many species of marine _____ such as corals and sponges, are important components of ocean ecosystems.
- n.* a class of animals that do not have a backbone; they include insects, worms, and mollusks

ANSWERS: 29. collagen, 30. innards, 31. pearlfish, 32. symmetrical, 33. mutable, 34. seafloor, 35. invertebrates,

36. The native South American animals were in danger because of the _____ arrival.

n. an animal whose natural behavior is to prey on others

37. The _____ of the leaves underfoot was heard as they walked through the park.

n. a loud, crackling noise made by something being crushed or broken; a difficult or critical situation

38. Ocean _____ leads to a decrease in tiny sea snails.

n. the act or process of becoming acid or making something become acid

39. The _____ sound of the drums was mesmerizing.

adj. having a pattern of regular beats or a regular beat; characterized by rhythm

40. The beach was littered with _____ and trash left behind by careless visitors.

n. waste or debris of any kind, particularly organic matter that has decayed or broken off from larger organisms; figuratively, a collection of disorganized or discarded material or ideas

41. He felt a pain in his _____ after a long bike ride.

n. the opening at the end of the digestive tract through which feces are discharged; the outlet of the rectum

42. Please don't _____ me while I'm studying.

v. to draw someone's attention away from what they are trying to do

43. The pupils of the eyes _____ in low light.

v. to make something wider, larger, or more open

ANSWERS: 36. predator's, 37. crunch, 38. acidification, 39. rhythmic, 40. detritus, 41. anus, 42. distract, 43. dilate

44. 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
45. The movie starts and ends with a panoramic shot of the city, serving as a great _____ to the story.
- n. an object, often decorative or functional, placed at either end of a row of books on a shelf to help keep them upright and organized; something that serves as the beginning and end of a series or a period of time.
46. The predator _____ its prey and ate its internal organs.
- v. to remove the internal organs of an animal; to severely criticize or attack someone or something
47. The cold weather made my muscles _____ up.
- v. to make or become stiff or rigid; to become inflexible or unyielding in one's attitude or behavior
48. His _____ writing style made the reader confused.
- adj. difficult to handle or use, especially because of being large, heavy, or not effective; not elegant or graceful in expression
49. The farmers _____ in the fields, harvesting the crops before the start of the rainy season.
- v. to work hard and persistently; to engage in physically or mentally demanding tasks or activities for extended periods of time
50. The hiker _____ through the dense forest, chopping his way with a machete.
- v. to walk or march slowly and heavily, typically due to exhaustion, difficulty, or reluctance; to move with effort or laboriously

ANSWERS: 44. regenerate, 45. bookend, 46. eviscerated, 47. stiffen, 48. cumbersome, 49. toiled, 50. trudged

51. We largely _____ the circuit board of cell phones because they contain a lot of valuable metals.

- v.* to sort and collect things to process them and produce valuable materials that can be used again

52. I like to slice _____ and put it on my sandwiches.

- n.* a long and green fruit with thin skin and crisp, refreshing flesh, typically eaten as a vegetable

53. The dense coral reefs on the _____ provide a home for various marine life.

- n.* the bottom of a sea or ocean; the surface of the sea's bed, which can be rocky, sandy, muddy, or covered with coral or other organisms

54. The deep sea is an _____ of mystery and discovery.

- n.* a deep, dark, or seemingly bottomless chasm or void

55. A nutritious diet improves _____ functions.

- adj.* relating to or capable of causing or promoting digestion of food

56. I have to _____ over to the next desk because there's not enough room for me to sit comfortably.

- v.* to move or glide along quickly and smoothly on a surface, especially on a scooter or similar device

57. The _____ must have an acidity level high enough to inhibit the growth of bacteria.

- n.* vegetables or fruit preserved in salty water or vinegar served cold with meat, salads, etc.; informal terms for a difficult situation

58. The global community is undergoing _____ changes at present.

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

ANSWERS: 51. recycle, 52. cucumber, 53. seabed, 54. abyss, 55. digestive, 56. scoot, 57. pickle, 58. drastic

59. The body _____ excess salt through urine to maintain proper electrolyte balance.
- v.* to discharge waste matter, such as urine or feces, from the body or a cell or gland
60. The doctor found a _____ in her patient's blood sample, indicating a possible health issue.
- n.* a small, thread-like structure, often microscopic, that makes up part of a larger structure, such as a muscle fiber or a nerve cell

ANSWERS: 59. excretes, 60. fibril