

# Englist.me



## Vocabulary Builder Reference from...

Michael Dickinson: How a fly flies | TED Talk

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### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### obsess

v. to fill the mind of someone continually so that one can't think of anything else

*synonym* : torment, beset, engross

(1) **obsess** over her weight, (2) he is **obsessed** with the fear

He's utterly **obsessed** with his promotion.

### primate

n. any mammal of the order Primates, which includes monkeys, apes, and humans

*synonym* : ape, monkey, lemur

(1) **primate** species, (2) **primate** sanctuary

Many scientists study **primate** behavior and intelligence.

### humming

adj. producing a continuous, low, vibrating sound like that of the bee

*synonym* : buzzing, droning, vibrating

(1) **humming** sound, (2) **humming** bird

The **humming** of the bees filled the air as she walked through the garden.

### loom

v. to appear or take shape as a large, especially in a frightening way

*synonym* : appear, come on, overshadow

(1) **loom** over the global economy, (2) **loom** on the horizon

The issue of divorce **loomed** large in his mind.

## 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.

## sashay

*v.* to walk in a way that is exaggeratedly graceful and confident, typically with one's hips swaying from side to side

*synonym* : glide, saunter, strut

(1) **sashay** down the runway, (2) **sashay** into the room

She loves to **sashay** onto the dance floor and impress everyone with her moves.

## aerodynamics

*n.* the study of the motion of air, particularly its interaction with solid objects moving through it, such as aircraft or cars

*synonym* : aeromechanics, aeronautics, airflow

(1) **aerodynamics** research, (2) **aerodynamics** design

The **aerodynamics** of the car allowed it to glide smoothly through the air.

## cockpit

*n.* the area in an aircraft or spacecraft from which the pilot controls the aircraft or spacecraft

*synonym* : flight deck, control room, bridge

(1) navigator's **cockpit**, (2) **cockpit** ship

The pilot sat in the **cockpit** of the airplane.

## bumblebee

*n.* a large, furry bee with black and yellow bands on its body that is known for its loud buzzing sound and its important role in pollinating plants

*synonym* : bee, honeybee, pollinator

(1) **bumblebee** pollination, (2) protecting **bumblebees**

The sound of the **bumblebee's** wings was soothing to listen to.

## tornado

*n.* a violent, rotating column of air that is in contact with both the surface of the earth and a cumulonimbus cloud, characterized by a twisting, funnel-shaped cloud

*synonym* : whirlwind, twister, cyclone

(1) **tornado** alley, (2) **tornado** warning

The deadly **tornado** that hit the town yesterday destroyed many buildings and injured several people.

## vortex

*n.* a mass of whirling air, water, dust, or smoke, especially a whirlpool or whirlwind

*synonym* : whirlpool, whirlwind, maelstrom

(1) **vortex** formation, (2) blow in a **vortex**

The **vortex** of the tornado was massive and destructive.

## morphology

*n.* the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another

*synonym* : structure, form, anatomy

(1) **morphology** of a language, (2) cellular **morphology**

The **morphology** of rocks can reveal clues about their geological history.

## maneuver

*n.* a motion or combination of moves that requires skill and care; a clever strategy, activity, or movement intended to give someone an advantage

*synonym* : gimmick, trick, action

(1) political **maneuvers**, (2) made a great **maneuver**

In this class, we learn the basic **maneuver** of the plane.

## contraction

*n.* the act or process of becoming smaller or shorter in size, volume, or amount

*synonym* : shrinking, compression, reduction

(1) **contraction** of a disease, (2) **contraction** in the industry

The **contraction** of the economy has led to job losses.

## reconfigure

*v.* to change the configuration or arrangement of something, often to improve its performance or functionality

*synonym* : reshape, restructure, realign

(1) **reconfigure** the network, (2) **reconfigure** the operating system

We need to **reconfigure** the office layout to use the space better.

## hinge

*n.* a joint that holds the edge of a door, window, lid, etc. and allows it to open or close

*synonym* : joint, pivot

(1) a stiff **hinge**, (2) insecure **hinge**

His involvement is the **hinge** of our plan.

## trajectory

*n.* the curved path followed by an object moving through space

*synonym* : course, curve, orbit

(1) career **trajectory**, (2) a **trajectory** missile

The company has shown an excellent growth **trajectory** over the years.

## deformation

*n.* the process of changing the physical shape or form of something, usually due to external forces or pressure

*synonym* : distortion, warping, contortion

(1) **deformation** at room temperature, (2) **deformation** of structures

Various factors, including pressure, temperature, and the application of external forces, can cause the **deformation** of rocks.

## gyroscope

*n.* a device consisting of a spinning wheel or disk mounted in such a way that it can rotate freely in any direction, used to maintain balance, stability, or orientation in navigation, aerospace, or other systems

*synonym* : gyro, stabilizer, compass

(1) **gyroscope** sensor, (2) inertial navigation **gyroscope**

The **gyroscope** in the spacecraft helps to stabilize its orientation during the mission.

## **hertz**

*n.* the unit of frequency, equal to one cycle per second, often used to describe the frequency of electromagnetic waves or electronic signals

*synonym*: frequency, cycles per second

(1) audio **hertz**, (2) tera- **hertz** radiation

The human ear can detect sounds with frequencies ranging from 20 to 20,000 **hertz**.

## **neuron**

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

*synonym*: nerve cell

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

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

## **confer**

*v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something

*synonym*: consult, meet, discuss

(1) **confer** degree, (2) **confer** honor

The leaders of the two countries met to **confer** on the issue.

## **neuroscience**

*n.* the scientific study of the function, structure, and disorder of the brain and the nervous system

(1) the branch of **neuroscience**, (2) a theoretical concept in **neuroscience**

Our university is famous for its professors, who are well-versed in behavioral **neuroscience**.

## **punchline**

*n.* the final sentence or phrase in a joke, which is intended to be funny or surprising and to bring the joke to a climax

*synonym*: joke, climax, comedic ending

(1) have no **punchline**, (2) the final **punchline**

The **punchline** of the joke was hilarious.

## narcissist

*n.* a person who is excessively self-absorbed, especially regarding their appearance or achievements

*synonym*: egotist, boaster, braggart

(1) relationship with a **narcissist**, (2) somatic **narcissist**

He thinks she is a high **narcissist** because she always talks about herself and her accomplishments.

## trump

*n.* a playing card with a picture of a trumpeter on it, used in certain card games

(1) **trump** card, (2) choose **trump**

The **trump** suit in the game of bridge is determined at the beginning of each hand.

## repertoire

*n.* the range or variety of skills, abilities, performances, or works that a person or group is capable of producing or performing; the entire body of works that is available to an individual or group to choose from when performing or producing something

*synonym*: collection, range, reservoir

(1) musical **repertoire**, (2) cooking **repertoire**

The chef's **repertoire** of dishes includes both classic and innovative recipes.

## posit

*v.* to suggest or accept something as fact or as a basis for argument or consideration

*synonym*: assert, declare, assume

(1) **posit** the existence of life after death, (2) **posit** the premise

We should **posit** several hypotheses to discuss the matter.

## forage

*v.* to search or hunt for food, provisions, or other necessities; to scavenge or seek out resources in a determined or systematic manner

*synonym*: scavenge, hunt, search

(1) **forage** for food, (2) **forage** for information

She would **forage** through her massive handbag every morning to find her keys.

## courtship

*n.* the period of time when two individuals go through the process of getting to know each other, often with the intent of forming a romantic or intimate relationship

*synonym*: romance, wooing, lovemaking

(1) traditional **courtship**, (2) romantic **courtship**

The movie depicts an old-fashioned **courtship** between the two main characters.

## pigeon

*n.* a stout-bodied bird with a small head, short legs, and a short, cooing call, typically found in cities and domesticated for food

(1) a racing **pigeon**, (2) **pigeon** on the roof

The **pigeon** perched on the windowsill, pecking at the bread crumbs left for it.

## numb

*adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity

*synonym*: dazed, insensitive, emotionless

(1) **numb** with cold, (2) a **numb** mind

My left arm became **numb**.

## parasite

*n.* an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense

*synonym*: hitchhiker, leech, saprophyte

(1) blood-sucking **parasite**, (2) **parasite** disease

Tapeworms are **parasites** that live in the intestines of humans and animals.

## caterpillar

*n.* the wormlike larva of a butterfly or moth

*synonym*: larva, grub, worm

(1) **caterpillar** of a butterfly, (2) **caterpillar** in a cocoon

The wooly bear **caterpillar** munched on leaves all day.

## paramecium

*n.* a single-celled freshwater organism characterized by a slipper-like shape and the presence of cilia, used for movement and food gathering

*synonym* : slipper animalcule, ciliate

(1) **paramecium** species, (2) **paramecium** reproduction

The **paramecium** colony flourished in the petri dish, providing a perfect sample for our experiment.

## ameba

*n.* a single-celled organism that typically has the shape of a small, round blob and moves by means of temporary projections called pseudopodia

*synonym* : protozoan, single-celled organism, unicellular organism

(1) **ameba** culture, (2) **ameba** movement

The pathogenetic **ameba** moved by extending and retracting its pseudopodia.

## multiplex

*n.* a cinema complex with several screens or theaters showing different films at the same time; an electronic device that allows several signals to be transmitted or processed simultaneously through a single channel; (adjective) relating to or consisting of multiple interconnected parts or elements

*synonym* : multiplexer, complex, cinema

(1) **multiplex** telegraphy, (2) **multiplex** DNA analysis

The new **multiplex** cinema has 12 screens showing the latest movies.

## chew

*v.* to crush or grind something, especially food, with the teeth and then swallow it

*synonym* : masticate, crush, grind

(1) **chew** each word, (2) **chew** a stick of gum

My dog loves to **chew** on bones.

## carapace

*n.* the hard, protective shell or covering that covers the body of some animals, such as turtles, crabs, and insects

*synonym* : shell, armor, casing



(1) armored **carapace**, (2) fossilized **carapace**

The turtle's hard **carapace** protected it from predators.

## gastric

*adj.* relating to the stomach or the digestive system; characterized by or causing discomfort or pain in the stomach or upper abdomen

*synonym*: stomachic, digestive, belly

(1) **gastric** issues, (2) **gastric** cancer

After eating spicy food, some people experience **gastric** distress like heartburn and indigestion.

## grind

*v.* to reduce something to small particles or powder by crushing or rubbing it; to work hard over a long period of time

*synonym*: mill, crush, grate

(1) **grind** away at my work, (2) **grind** your teeth

She had to **grind** the coffee beans before making a fresh cup.

## endoscope

*n.* a medical instrument that consists of a long, flexible tube with a light and a camera on end, used to examine the interior of a body cavity or organ visually

(1) medical **endoscope**, (2) flexible **endoscope**

The doctor used a diagnostic **endoscope** to examine the patient's stomach during the medical procedure.

## ganglion

*n.* a group of nerve cells located outside the brain and spinal cord, often forming a swelling or knot; responsible for controlling certain bodily functions or movements

*synonym*: nerve center, nervous system

(1) **ganglion** cyst, (2) spinal **ganglion**

The patient's **ganglion** was causing severe pain in their wrist.

## inundate

*v.* to flood or overwhelm with an excessive amount of something

*synonym*: flood, submerge, overwhelm

(1) **inundate** swaths of farmland, (2) **inundate** his entire

body

The heavy rain **inundated** the low-lying areas and caused flooding.

## modulate

v. to change the key, style, loudness, etc., of something in music to create a particular effect; to fix or adjust the time, amount, degree, or rate of something

*synonym*: regulate, inflect, adjust

(1) **modulate** the function, (2) **modulate** from one key to another

These chemicals **modulate** the effect of metabolism.

## innervate

v. to supply an organ or part of the body with nerves; to stimulate action

(1) **innervate** the internal organs, (2) **innervate** a muscle

Several types of nerve fiber **innervate** different sensory receptors on the skin.

## extrapolate

v. to guess or think about what might happen or estimate something using the facts that you have now

*synonym*: deduce, reason, infer

(1) **extrapolate** the results, (2) **extrapolate** animal dose

This predictive model mechanically **extrapolates** past trends into the future.

## tether

v. to tie or secure an animal, person, or object with a rope, chain, or other similar devices to prevent it from moving too far away; (noun) a rope or chain used to tie up or restrain an animal, such as a horse or dog

*synonym*: tie, fasten, secure

(1) **tether** a horse, (2) **tether** strap

The hiker **tethered** their dog to a tree while they camped for the night.

## steer

v. to control the direction or movement of a vehicle; to direct a course of action; to guide or motivate someone

*synonym*: guide, direct, control

(1) **steer** a steady course, (2) **steer** a conversation  
The captain told him to **steer** the ship north.

## quiescent

*adj.* being in a state of quietness, rest, or inactivity; dormant or temporarily inactive

*synonym*: dormant, inactive, dormant

(1) **quiescent** period, (2) **quiescent** state

After a long day of work, she found solace in the **quiescent** atmosphere of her home.

## dopamine

*n.* a chemical substance produced by nerve cells as a neurotransmitter; as a drug, it is used to treat shock and hypotension

(1) **dopamine-inhibiting** agent, (2) antagonism of **dopamine**

The drug controls the level of **dopamine** in the brain.

## vertebrate

*adj.* relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish

*synonym*: animal, chordate, backboned

(1) the muscle tissue of a **vertebrate**, (2) **vertebrate** biology

The presence of a backbone is a defining characteristic of **vertebrate** animals.

## 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.

## locust

*n.* a type of grasshopper that can travel in large swarms and cause extensive damage to crops; can also refer to various other insects such as cicadas or katydids

*synonym*: grasshopper, cicada, cricket

(1) **locust** army, (2) **locust** plague

The **locust** infestation destroyed the crops, causing widespread famine.

## dendrite

*n.* a branched, tree-like structure that extends from a neuron (= nerve cell) and receives signals from other neurons and sensory receptors

*synonym* : nerve cell, branch, projection

(1) **dendrite** growth, (2) basal **dendrite**

Damage to **dendrites** can result in communication problems between neurons and may contribute to certain neurological disorders.

## axon

*n.* a long and slender projection of a nerve cell, or neuron, that sends out signals away from the nerve cell

(1) an **axon** of a nerve cell, (2) the **axon** terminals

We are developing a technology to promote the elongation and regeneration of sensory nerve **axons**.

## synapse

*n.* the fact or state of failing to finish an activity and of stopping using, making, or doing it

(1) **synapse** circuit, (2) end at a **synapse**

Animals transmit nerve impulses through **synapses**.

## interdigitation

*n.* the act or process of intertwining or interlocking; the state of being intricately interconnected or interwoven

*synonym* : interlocking, entanglement, interweaving

(1) **interdigitation** pattern, (2) **interdigitation** process

The **interdigitation** of the nerve fibers allows for efficient transmission of signals in the brain.

## multitasking

*n.* the ability to do more than one task at the same time; the state of doing more than one task at the same time

*synonym* : juggling, multihandling, parallelism

(1) computer **multitasking**, (2) **multitasking** ability

She could finish all her work on time because of her **multitasking** skills.

**mast**

*n.* a long pole aboard a boat or ship that holds up the sails  
(1) **mast** height, (2) built-up **mast**  
The main cabin is located in front of the **mast**.

**swat**

*v.* to strike or hit someone or something with a quick, sharp blow, usually with the hand or a flat object; (noun, an acronym that stands for "Special Weapons And Tactics") specialized groups within police departments that are trained to handle high-risk operations that regular officers are not equipped to deal with

*synonym* : slap, smack, hit

(1) expertly **swat** back the ball, (2) **SWAT** operation

I had to **swat** away a fly that was buzzing around my head.

## Session 2: Spelling

- |                                  |   |
|----------------------------------|---|
| 1. fossilized ca_____ce          | <i>n.</i> the hard, protective shell or covering that covers the body of some animals, such as turtles, crabs, and insects                          |
| 2. in_____te the internal organs | <i>v.</i> to supply an organ or part of the body with nerves; to stimulate action   |
| 3. a racing pi____n              | <i>n.</i> a stout-bodied bird with a small head, short legs, and a short, cooing call, typically found in cities and domesticated for food          |
| 4. co____r degree                | <i>v.</i> to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something                                 |
| 5. the branch of neu_____nce     | <i>n.</i> the scientific study of the function, structure, and disorder of the brain and the nervous system   |
| 6. tera-he__z radiation          | <i>n.</i> the unit of frequency, equal to one cycle per second, often used to describe the frequency of electromagnetic waves or electronic signals |
| 7. vo____x formation             | <i>n.</i> a mass of whirling air, water, dust, or smoke, especially a whirlpool or whirlwind  |
| 8. m__t height                   | <i>n.</i> a long pole aboard a boat or ship that holds up the sails   |
| 9. ga_____c issues               | <i>adj.</i> relating to the stomach or the digestive system; characterized by or causing discomfort or pain in the stomach or upper abdomen         |

ANSWERS: 1. carapace, 2. innervate, 3. pigeon, 4. confer, 5. neuroscience, 6. hertz, 7. vortex, 8. mast, 9. gastric

10. medical en\_\_\_\_\_pe *n.* a medical instrument that consists of a long, flexible tube with a light and a camera on end, used to examine the interior of a body cavity or organ visually
11. po\_\_t the existence of life after death *v.* to suggest or accept something as fact or as a basis for argument or consideration
12. S\_\_T operation *v.* to strike or hit someone or something with a quick, sharp blow, usually with the hand or a flat object; (noun, an acronym that stands for "Special Weapons And Tactics") specialized groups within police departments that are trained to handle high-risk operations that regular officers are not equipped to deal with
13. insecure hi\_\_e *n.* a joint that holds the edge of a door, window, lid, etc. and allows it to open or close
14. political ma\_\_\_\_\_ers *n.* a motion or combination of moves that requires skill and care; a clever strategy, activity, or movement intended to give someone an advantage
15. in\_\_\_\_\_te swaths of farmland *v.* to flood or overwhelm with an excessive amount of something
16. pr\_\_\_\_\_e species *n.* any mammal of the order Primates, which includes monkeys, apes, and humans
17. an a\_\_n of a nerve cell *n.* a long and slender projection of a nerve cell, or neuron, that sends out signals away from the nerve cell

ANSWERS: 10. endoscope, 11. posit, 12. swat, 13. hinge, 14. maneuver, 15. inundate, 16. primate, 17. axon

18. ext\_\_\_\_\_te the results      *v.* to guess or think about what might happen or estimate something using the facts that you have now
19. mul\_\_\_\_\_ing ability      *n.* the ability to do more than one task at the same time; the state of doing more than one task at the same time
20. c\_\_w each word      *v.* to crush or grind something, especially food, with the teeth and then swallow it
21. pa\_\_\_\_\_te disease      *n.* an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense
22. inv\_\_\_\_\_ate species      *n.* a class of animals that do not have a backbone; they include insects, worms, and mollusks
23. te\_\_\_r strap      *v.* to tie or secure an animal, person, or object with a rope, chain, or other similar devices to prevent it from moving too far away; (noun) a rope or chain used to tie up or restrain an animal, such as a horse or dog
24. qu\_\_\_\_\_nt period      *adj.* being in a state of quietness, rest, or inactivity; dormant or temporarily inactive
25. flexible en\_\_\_\_\_pe      *n.* a medical instrument that consists of a long, flexible tube with a light and a camera on end, used to examine the interior of a body cavity or organ visually
26. te\_\_\_r a horse      *v.* to tie or secure an animal, person, or object with a rope, chain, or other similar devices to prevent it from moving too far away; (noun) a rope or chain used to tie up or restrain an animal, such as a horse or dog

ANSWERS: 18. extrapolate, 19. multitasking, 20. chew, 21. parasite, 22. invertebrate, 23. tether, 24. quiescent, 25. endoscope, 26. tether



27. hu\_\_\_\_g sound *adj.* producing a continuous, low, vibrating sound like that of the bee
28. end at a sy\_\_\_\_e *n.* the fact or state of failing to finish an activity and of stopping using, making, or doing it
29. the a\_\_n terminals *n.* a long and slender projection of a nerve cell, or neuron, that sends out signals away from the nerve cell
30. def\_\_\_\_on of structures *n.* the process of changing the physical shape or form of something, usually due to external forces or pressure
31. aer\_\_\_\_ics research *n.* the study of the motion of air, particularly its interaction with solid objects moving through it, such as aircraft or cars
32. apex pr\_\_\_\_or *n.* an animal whose natural behavior is to prey on others
33. sa\_\_\_\_y down the runway *v.* to walk in a way that is exaggeratedly graceful and confident, typically with one's hips swaying from side to side
34. the muscle tissue of a ver\_\_\_\_te *adj.* relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish
35. mor\_\_\_\_gy of a language *n.* the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another

ANSWERS: 27. humming, 28. synapse, 29. axon, 30. deformation, 31. aerodynamics, 32. predator, 33. sashay, 34. vertebrate, 35. morphology

36. st\_\_r a conversation *v.* to control the direction or movement of a vehicle; to direct a course of action; to guide or motivate someone
37. romantic co\_\_\_\_\_ip *n.* the period of time when two individuals go through the process of getting to know each other, often with the intent of forming a romantic or intimate relationship
38. the final pu\_\_\_\_\_ne *n.* the final sentence or phrase in a joke, which is intended to be funny or surprising and to bring the joke to a climax
39. def\_\_\_\_\_on at room temperature *n.* the process of changing the physical shape or form of something, usually due to external forces or pressure
40. he is ob\_\_\_sed with the fear *v.* to fill the mind of someone continually so that one can't think of anything else
41. ver\_\_\_\_\_te biology *adj.* relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish
42. in\_\_\_\_\_te his entire body *v.* to flood or overwhelm with an excessive amount of something
43. study of inv\_\_\_\_\_ates *n.* a class of animals that do not have a backbone; they include insects, worms, and mollusks
44. am\_\_a culture *n.* a single-celled organism that typically has the shape of a small, round blob and moves by means of temporary projections called pseudopodia

ANSWERS: 36. steer, 37. courtship, 38. punchline, 39. deformation, 40. obsess, 41. vertebrate, 42. inundate, 43. invertebrate, 44. ameba

45. cellular mor\_\_\_\_\_gy *n.* the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another
46. gr\_\_d away at my work *v.* to reduce something to small particles or powder by crushing or rubbing it; to work hard over a long period of time
47. choose tr\_\_p *n.* a playing card with a picture of a trumpeter on it, used in certain card games
48. a stiff hi\_\_e *n.* a joint that holds the edge of a door, window, lid, etc. and allows it to open or close
49. de\_\_\_\_\_te growth *n.* a branched, tree-like structure that extends from a neuron (= nerve cell) and receives signals from other neurons and sensory receptors
50. bu\_\_\_\_\_ee pollination *n.* a large, furry bee with black and yellow bands on its body that is known for its loud buzzing sound and its important role in pollinating plants
51. sy\_\_\_\_\_e circuit *n.* the fact or state of failing to finish an activity and of stopping using, making, or doing it
52. par\_\_\_\_\_um reproduction *n.* a single-celled freshwater organism characterized by a slipper-like shape and the presence of cilia, used for movement and food gathering
53. sexual pr\_\_\_\_\_ors *n.* an animal whose natural behavior is to prey on others

ANSWERS: 45. morphology, 46. grind, 47. trump, 48. hinge, 49. dendrite, 50. bumblebee, 51. synapse, 52. paramecium, 53. predator

54. built-up m\_\_t *n.* a long pole aboard a boat or ship that holds up the sails
55. hu\_\_\_\_g bird *adj.* producing a continuous, low, vibrating sound like that of the bee
56. po\_\_t the premise *v.* to suggest or accept something as fact or as a basis for argument or consideration
57. computer mul\_\_\_\_\_ing *n.* the ability to do more than one task at the same time; the state of doing more than one task at the same time
58. navigator's co\_\_\_\_t *n.* the area in an aircraft or spacecraft from which the pilot controls the aircraft or spacecraft
59. rec\_\_\_\_\_re the network *v.* to change the configuration or arrangement of something, often to improve its performance or functionality
60. spinal ga\_\_\_\_on *n.* a group of nerve cells located outside the brain and spinal cord, often forming a swelling or knot; responsible for controlling certain bodily functions or movements
61. st\_\_r a steady course *v.* to control the direction or movement of a vehicle; to direct a course of action; to guide or motivate someone
62. fo\_\_\_e for information *v.* to search or hunt for food, provisions, or other necessities; to scavenge or seek out resources in a determined or systematic manner
63. armored ca\_\_\_\_ce *n.* the hard, protective shell or covering that covers the body of some animals, such as turtles, crabs, and insects

ANSWERS: 54. mast, 55. humming, 56. posit, 57. multitasking, 58. cockpit, 59. reconfigure, 60. ganglion, 61. steer, 62. forage, 63. carapace

64. ne\_\_\_n cell body *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
65. rec\_\_\_\_\_re the operating system *v.* to change the configuration or arrangement of something, often to improve its performance or functionality
66. musical rep\_\_\_\_\_re *n.* the range or variety of skills, abilities, performances, or works that a person or group is capable of producing or performing; the entire body of works that is available to an individual or group to choose from when performing or producing something
67. con\_\_\_\_\_on in the industry *n.* the act or process of becoming smaller or shorter in size, volume, or amount
68. ob\_\_\_s over her weight *v.* to fill the mind of someone continually so that one can't think of anything else
69. ga\_\_\_\_\_c cancer *adj.* relating to the stomach or the digestive system; characterized by or causing discomfort or pain in the stomach or upper abdomen
70. expertly s\_\_t back the ball *v.* to strike or hit someone or something with a quick, sharp blow, usually with the hand or a flat object; (noun, an acronym that stands for "Special Weapons And Tactics") specialized groups within police departments that are trained to handle high-risk operations that regular officers are not equipped to deal with

ANSWERS: 64. neuron, 65. reconfigure, 66. repertoire, 67. contraction, 68. obsess, 69. gastric, 70. swat

71. int\_\_\_\_\_ion process *n.* the act or process of intertwining or interlocking; the state of being intricately interconnected or interwoven
72. co\_\_\_\_\_t ship *n.* the area in an aircraft or spacecraft from which the pilot controls the aircraft or spacecraft
73. con\_\_\_\_\_on of a disease *n.* the act or process of becoming smaller or shorter in size, volume, or amount
74. int\_\_\_\_\_ion pattern *n.* the act or process of intertwining or interlocking; the state of being intricately interconnected or interwoven
75. pr\_\_\_\_\_e sanctuary *n.* any mammal of the order Primates, which includes monkeys, apes, and humans
76. l\_\_m over the global economy *v.* to appear or take shape as a large, especially in a frightening way
77. blow in a vo\_\_\_\_x *n.* a mass of whirling air, water, dust, or smoke, especially a whirlpool or whirlwind
78. to\_\_\_\_\_o warning *n.* a violent, rotating column of air that is in contact with both the surface of the earth and a cumulonimbus cloud, characterized by a twisting, funnel-shaped cloud
79. in\_\_\_\_\_te a muscle *v.* to supply an organ or part of the body with nerves; to stimulate action
80. c\_\_w a stick of gum *v.* to crush or grind something, especially food, with the teeth and then swallow it
81. excite the ne\_\_\_\_ns *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body

ANSWERS: 71. interdigitation, 72. cockpit, 73. contraction, 74. interdigitation, 75. primate, 76. loom, 77. vortex, 78. tornado, 79. innervate, 80. chew, 81. neuron

82. inertial navigation gy\_\_\_\_\_pe *n.* a device consisting of a spinning wheel or disk mounted in such a way that it can rotate freely in any direction, used to maintain balance, stability, or orientation in navigation, aerospace, or other systems
83. to\_\_\_\_\_o alley *n.* a violent, rotating column of air that is in contact with both the surface of the earth and a cumulonimbus cloud, characterized by a twisting, funnel-shaped cloud
84. a n\_\_b mind *adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity
85. do\_\_\_\_\_ne-inhibiting agent *n.* a chemical substance produced by nerve cells as a neurotransmitter; as a drug, it is used to treat shock and hypotension
86. l\_\_m on the horizon *v.* to appear or take shape as a large, especially in a frightening way
87. cat\_\_\_\_\_ar of a butterfly *n.* the wormlike larva of a butterfly or moth
88. gy\_\_\_\_\_pe sensor *n.* a device consisting of a spinning wheel or disk mounted in such a way that it can rotate freely in any direction, used to maintain balance, stability, or orientation in navigation, aerospace, or other systems
89. qu\_\_\_\_\_nt state *adj.* being in a state of quietness, rest, or inactivity; dormant or temporarily inactive

ANSWERS: 82. gyroscope, 83. tornado, 84. numb, 85. dopamine, 86. loom, 87. caterpillar, 88. gyroscope, 89. quiescent

90. a tra\_\_\_\_\_ry missile *n.* the curved path followed by an object moving through space
91. antagonism of do\_\_\_\_\_ne *n.* a chemical substance produced by nerve cells as a neurotransmitter; as a drug, it is used to treat shock and hypotension
92. fo\_\_\_\_\_e for food *v.* to search or hunt for food, provisions, or other necessities; to scavenge or seek out resources in a determined or systematic manner
93. blood-sucking pa\_\_\_\_\_te *n.* an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense
94. mo\_\_\_\_\_te the function *v.* to change the key, style, loudness, etc., of something in music to create a particular effect; to fix or adjust the time, amount, degree, or rate of something
95. am\_\_a movement *n.* a single-celled organism that typically has the shape of a small, round blob and moves by means of temporary projections called pseudopodia
96. ga\_\_\_\_\_on cyst *n.* a group of nerve cells located outside the brain and spinal cord, often forming a swelling or knot; responsible for controlling certain bodily functions or movements
97. relationship with a nar\_\_\_\_\_st *n.* a person who is excessively self-absorbed, especially regarding their appearance or achievements
98. traditional co\_\_\_\_\_ip *n.* the period of time when two individuals go through the process of getting to know each other, often with the intent of forming a romantic or intimate relationship

ANSWERS: 90. trajectory, 91. dopamine, 92. forage, 93. parasite, 94. modulate, 95. ameba, 96. ganglion, 97. narcissist, 98. courtship



99. mo\_\_\_\_te from one key to another      *v.* to change the key, style, loudness, etc., of something in music to create a particular effect; to fix or adjust the time, amount, degree, or rate of something
100. n\_\_b with cold      *adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity
101. basal de\_\_\_\_te      *n.* a branched, tree-like structure that extends from a neuron (= nerve cell) and receives signals from other neurons and sensory receptors
102. co\_\_\_\_r honor      *v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
103. sa\_\_\_\_y into the room      *v.* to walk in a way that is exaggeratedly graceful and confident, typically with one's hips swaying from side to side
104. tr\_\_p card      *n.* a playing card with a picture of a trumpeter on it, used in certain card games
105. a theoretical concept in  
neu\_\_\_\_\_nce      *n.* the scientific study of the function, structure, and disorder of the brain and the nervous system
106. cat\_\_\_\_\_ar in a cocoon      *n.* the wormlike larva of a butterfly or moth
107. gr\_\_d your teeth      *v.* to reduce something to small particles or powder by crushing or rubbing it; to work hard over a long period of time
108. ext\_\_\_\_\_te animal dose      *v.* to guess or think about what might happen or estimate something using the facts that you have now

ANSWERS: 99. modulate, 100. numb, 101. dendrite, 102. confer, 103. sashay, 104. trump, 105. neuroscience, 106. caterpillar, 107. grind, 108. extrapolate

109. have no pu\_\_\_\_\_ne *n.* the final sentence or phrase in a joke, which is intended to be funny or surprising and to bring the joke to a climax
110. made a great ma\_\_\_\_\_er *n.* a motion or combination of moves that requires skill and care; a clever strategy, activity, or movement intended to give someone an advantage
111. pi\_\_\_\_n on the roof *n.* a stout-bodied bird with a small head, short legs, and a short, cooing call, typically found in cities and domesticated for food
112. mu\_\_\_\_\_ex DNA analysis *n.* a cinema complex with several screens or theaters showing different films at the same time; an electronic device that allows several signals to be transmitted or processed simultaneously through a single channel; (adjective) relating to or consisting of multiple interconnected parts or elements
113. aer\_\_\_\_\_ics design *n.* the study of the motion of air, particularly its interaction with solid objects moving through it, such as aircraft or cars
114. somatic nar\_\_\_\_\_st *n.* a person who is excessively self-absorbed, especially regarding their appearance or achievements
115. mu\_\_\_\_\_ex telegraphy *n.* a cinema complex with several screens or theaters showing different films at the same time; an electronic device that allows several signals to be transmitted or processed simultaneously through a single channel; (adjective) relating to or consisting of multiple interconnected parts or elements

ANSWERS: 109. punchline, 110. maneuver, 111. pigeon, 112. multiplex, 113. aerodynamics, 114. narcissist, 115. multiplex

116. cooking rep\_\_\_\_\_re                    *n.* the range or variety of skills, abilities, performances, or works that a person or group is capable of producing or performing; the entire body of works that is available to an individual or group to choose from when performing or producing something
117. career tra\_\_\_\_\_ry                    *n.* the curved path followed by an object moving through space
118. lo\_\_\_t plague                    *n.* a type of grasshopper that can travel in large swarms and cause extensive damage to crops; can also refer to various other insects such as cicadas or katydids
119. protecting bu\_\_\_\_\_ees                    *n.* a large, furry bee with black and yellow bands on its body that is known for its loud buzzing sound and its important role in pollinating plants
120. par\_\_\_\_\_um species                    *n.* a single-celled freshwater organism characterized by a slipper-like shape and the presence of cilia, used for movement and food gathering
121. lo\_\_\_t army                    *n.* a type of grasshopper that can travel in large swarms and cause extensive damage to crops; can also refer to various other insects such as cicadas or katydids
122. audio he\_\_z                    *n.* the unit of frequency, equal to one cycle per second, often used to describe the frequency of electromagnetic waves or electronic signals

ANSWERS: 116. repertoire, 117. trajectory, 118. locust, 119. bumblebee, 120. paramecium, 121. locust, 122. hertz

ANSWERS:

## Session 3: Fill in the Blanks

1. The issue of divorce \_\_\_\_\_ large in his mind.  
*v.* to appear or take shape as a large, especially in a frightening way
2. We need to \_\_\_\_\_ the office layout to use the space better.  
*v.* to change the configuration or arrangement of something, often to improve its performance or functionality
3. We should \_\_\_\_\_ several hypotheses to discuss the matter.  
*v.* to suggest or accept something as fact or as a basis for argument or consideration
4. The main cabin is located in front of the \_\_\_\_\_.  
*n.* a long pole aboard a boat or ship that holds up the sails
5. 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
6. The pathogenetic \_\_\_\_\_ moved by extending and retracting its pseudopodia.  
*n.* a single-celled organism that typically has the shape of a small, round blob and moves by means of temporary projections called pseudopodia
7. She loves to \_\_\_\_\_ onto the dance floor and impress everyone with her moves.  
*v.* to walk in a way that is exaggeratedly graceful and confident, typically with one's hips swaying from side to side

ANSWERS: 1. loomed, 2. reconfigure, 3. posit, 4. mast, 5. invertebrates, 6. ameba, 7. sashay

8. I had to \_\_\_\_\_ away a fly that was buzzing around my head.
- v.* to strike or hit someone or something with a quick, sharp blow, usually with the hand or a flat object; (noun, an acronym that stands for "Special Weapons And Tactics") specialized groups within police departments that are trained to handle high-risk operations that regular officers are not equipped to deal with
9. He's utterly \_\_\_\_\_ with his promotion.
- v.* to fill the mind of someone continually so that one can't think of anything else
10. The \_\_\_\_\_ of rocks can reveal clues about their geological history.
- n.* the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another
11. The \_\_\_\_\_ of the bees filled the air as she walked through the garden.
- adj.* producing a continuous, low, vibrating sound like that of the bee
12. The deadly \_\_\_\_\_ that hit the town yesterday destroyed many buildings and injured several people.
- n.* a violent, rotating column of air that is in contact with both the surface of the earth and a cumulonimbus cloud, characterized by a twisting, funnel-shaped cloud
13. My left arm became \_\_\_\_\_.
- adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity
14. Our university is famous for its professors, who are well-versed in behavioral \_\_\_\_\_.
- n.* the scientific study of the function, structure, and disorder of the brain and the nervous system

ANSWERS: 8. swat, 9. obsessed, 10. morphology, 11. humming, 12. tornado, 13. numb, 14. neuroscience

15. His involvement is the \_\_\_\_\_ of our plan.
- n.* a joint that holds the edge of a door, window, lid, etc. and allows it to open or close
16. This predictive model mechanically \_\_\_\_\_ past trends into the future.
- v.* to guess or think about what might happen or estimate something using the facts that you have now
17. The \_\_\_\_\_ of the economy has led to job losses.
- n.* the act or process of becoming smaller or shorter in size, volume, or amount
18. She could finish all her work on time because of her \_\_\_\_\_ skills.
- n.* the ability to do more than one task at the same time; the state of doing more than one task at the same time
19. The \_\_\_\_\_ of the nerve fibers allows for efficient transmission of signals in the brain.
- n.* the act or process of intertwining or interlocking; the state of being intricately interconnected or interwoven
20. The doctor used a diagnostic \_\_\_\_\_ to examine the patient's stomach during the medical procedure.
- n.* a medical instrument that consists of a long, flexible tube with a light and a camera on end, used to examine the interior of a body cavity or organ visually
21. The \_\_\_\_\_ suit in the game of bridge is determined at the beginning of each hand.
- n.* a playing card with a picture of a trumpeter on it, used in certain card games
22. The \_\_\_\_\_ infestation destroyed the crops, causing widespread famine.
- n.* a type of grasshopper that can travel in large swarms and cause extensive damage to crops; can also refer to various other insects such as cicadas or katydids

ANSWERS: 15. hinge, 16. extrapolates, 17. contraction, 18. multitasking, 19. interdigitation, 20. endoscope, 21. trump, 22. locust

23. She would \_\_\_\_\_ through her massive handbag every morning to find her keys.
- v.* to search or hunt for food, provisions, or other necessities; to scavenge or seek out resources in a determined or systematic manner
24. The pilot sat in the \_\_\_\_\_ of the airplane.
- n.* the area in an aircraft or spacecraft from which the pilot controls the aircraft or spacecraft
25. The \_\_\_\_\_ in the spacecraft helps to stabilize its orientation during the mission.
- n.* a device consisting of a spinning wheel or disk mounted in such a way that it can rotate freely in any direction, used to maintain balance, stability, or orientation in navigation, aerospace, or other systems
26. We are developing a technology to promote the elongation and regeneration of sensory nerve \_\_\_\_\_.
- n.* a long and slender projection of a nerve cell, or neuron, that sends out signals away from the nerve cell
27. The \_\_\_\_\_ of the tornado was massive and destructive.
- n.* a mass of whirling air, water, dust, or smoke, especially a whirlpool or whirlwind
28. The heavy rain \_\_\_\_\_ the low-lying areas and caused flooding.
- v.* to flood or overwhelm with an excessive amount of something
29. Our body transfers information along each \_\_\_\_\_ using an electrical impulse.
- n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
30. Several types of nerve fiber \_\_\_\_\_ different sensory receptors on the skin.
- v.* to supply an organ or part of the body with nerves; to stimulate action

ANSWERS: 23. forage, 24. cockpit, 25. gyroscope, 26. axons, 27. vortex, 28. inundated, 29. neuron, 30. innervate



31. The drug controls the level of \_\_\_\_\_ in the brain.  
*n.* a chemical substance produced by nerve cells as a neurotransmitter; as a drug, it is used to treat shock and hypotension
32. The \_\_\_\_\_ of the car allowed it to glide smoothly through the air.  
*n.* the study of the motion of air, particularly its interaction with solid objects moving through it, such as aircraft or cars
33. The human ear can detect sounds with frequencies ranging from 20 to 20,000 \_\_\_\_\_.  
*n.* the unit of frequency, equal to one cycle per second, often used to describe the frequency of electromagnetic waves or electronic signals
34. The company has shown an excellent growth \_\_\_\_\_ over the years.  
*n.* the curved path followed by an object moving through space
35. Many scientists study \_\_\_\_\_ behavior and intelligence.  
*n.* any mammal of the order Primates, which includes monkeys, apes, and humans
36. The hiker \_\_\_\_\_ their dog to a tree while they camped for the night.  
*v.* to tie or secure an animal, person, or object with a rope, chain, or other similar devices to prevent it from moving too far away; (noun) a rope or chain used to tie up or restrain an animal, such as a horse or dog
37. The woolly bear \_\_\_\_\_ munched on leaves all day.  
*n.* the wormlike larva of a butterfly or moth
38. After eating spicy food, some people experience \_\_\_\_\_ distress like heartburn and indigestion.  
*adj.* relating to the stomach or the digestive system; characterized by or causing discomfort or pain in the stomach or upper abdomen

ANSWERS: 31. dopamine, 32. aerodynamics, 33. hertz, 34. trajectory, 35. primate, 36. tethered, 37. caterpillar, 38. gastric

39. The \_\_\_\_\_ of the joke was hilarious.
- n.* the final sentence or phrase in a joke, which is intended to be funny or surprising and to bring the joke to a climax
40. He thinks she is a high \_\_\_\_\_ because she always talks about herself and her accomplishments.
- n.* a person who is excessively self-absorbed, especially regarding their appearance or achievements
41. The patient's \_\_\_\_\_ was causing severe pain in their wrist.
- n.* a group of nerve cells located outside the brain and spinal cord, often forming a swelling or knot; responsible for controlling certain bodily functions or movements
42. The native South American animals were in danger because of the \_\_\_\_\_ arrival.
- n.* an animal whose natural behavior is to prey on others
43. Tapeworms are \_\_\_\_\_ that live in the intestines of humans and animals.
- n.* an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense
44. The sound of the \_\_\_\_\_ wings was soothing to listen to.
- n.* a large, furry bee with black and yellow bands on its body that is known for its loud buzzing sound and its important role in pollinating plants
45. The chef's \_\_\_\_\_ of dishes includes both classic and innovative recipes.
- n.* the range or variety of skills, abilities, performances, or works that a person or group is capable of producing or performing; the entire body of works that is available to an individual or group to choose from when performing or producing something

ANSWERS: 39. punchline, 40. narcissist, 41. ganglion, 42. predator's, 43. parasites, 44. bumblebee's, 45. repertoire

46. These chemicals \_\_\_\_\_ the effect of metabolism.
- v.* to change the key, style, loudness, etc., of something in music to create a particular effect; to fix or adjust the time, amount, degree, or rate of something
47. The captain told him to \_\_\_\_\_ the ship north.
- v.* to control the direction or movement of a vehicle; to direct a course of action; to guide or motivate someone
48. The movie depicts an old-fashioned \_\_\_\_\_ between the two main characters.
- n.* the period of time when two individuals go through the process of getting to know each other, often with the intent of forming a romantic or intimate relationship
49. In this class, we learn the basic \_\_\_\_\_ of the plane.
- n.* a motion or combination of moves that requires skill and care; a clever strategy, activity, or movement intended to give someone an advantage
50. The new \_\_\_\_\_ cinema has 12 screens showing the latest movies.
- n.* a cinema complex with several screens or theaters showing different films at the same time; an electronic device that allows several signals to be transmitted or processed simultaneously through a single channel; (adjective) relating to or consisting of multiple interconnected parts or elements
51. The \_\_\_\_\_ colony flourished in the petri dish, providing a perfect sample for our experiment.
- n.* a single-celled freshwater organism characterized by a slipper-like shape and the presence of cilia, used for movement and food gathering
52. The leaders of the two countries met to \_\_\_\_\_ on the issue.
- v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something

ANSWERS: 46. modulate, 47. steer, 48. courtship, 49. maneuver, 50. multiplex, 51. paramecium, 52. confer

53. Various factors, including pressure, temperature, and the application of external forces, can cause the \_\_\_\_\_ of rocks.
- n.* the process of changing the physical shape or form of something, usually due to external forces or pressure
54. Damage to \_\_\_\_\_ can result in communication problems between neurons and may contribute to certain neurological disorders.
- n.* a branched, tree-like structure that extends from a neuron (= nerve cell) and receives signals from other neurons and sensory receptors
55. My dog loves to \_\_\_\_\_ on bones.
- v.* to crush or grind something, especially food, with the teeth and then swallow it
56. She had to \_\_\_\_\_ the coffee beans before making a fresh cup.
- v.* to reduce something to small particles or powder by crushing or rubbing it; to work hard over a long period of time
57. The turtle's hard \_\_\_\_\_ protected it from predators.
- n.* the hard, protective shell or covering that covers the body of some animals, such as turtles, crabs, and insects
58. After a long day of work, she found solace in the \_\_\_\_\_ atmosphere of her home.
- adj.* being in a state of quietness, rest, or inactivity; dormant or temporarily inactive
59. The presence of a backbone is a defining characteristic of \_\_\_\_\_ animals.
- adj.* relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish
60. Animals transmit nerve impulses through \_\_\_\_\_.
- n.* the fact or state of failing to finish an activity and of stopping using, making, or doing it

ANSWERS: 53. deformation, 54. dendrites, 55. chew, 56. grind, 57. carapace, 58. quiescent, 59. vertebrate, 60. synapses

61. The \_\_\_\_\_ perched on the windowsill, pecking at the bread crumbs left for it.
- n.* a stout-bodied bird with a small head, short legs, and a short, cooing call, typically found in cities and domesticated for food

ANSWERS: 61. pigeon