

# Englist.me



## Vocabulary Builder Reference from...

Barry Schuler: Genomics 101 | TED Talk

[https://www.ted.com/talks/barry\\_schuler\\_genomics\\_101](https://www.ted.com/talks/barry_schuler_genomics_101)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### odyssey

*n.* a long wandering and eventful journey; a Greek epic poem attributed to Homer, describing the journey of Odysseus after the fall of Troy

(1) go on a serious **odyssey**, (2) cross-country **odyssey**

He continued the extraordinary **odyssey** with his brother.

### monolith

*n.* a large, single upright block of stone, especially one shaped into a pillar or monument; something that is very large, solid, and uniform in shape or appearance

*synonym* : monument, megalith, slab

(1) metal **monolith**, (2) towering **monolith**

The art exhibit featured a massive **monolith** sculpture made entirely of recycled materials.

### Arthurian

*adj.* relating to king Arthur and the tales and legends associated with him

(1) the **Arthurian** cycle, (2) **Arthurian** romances

The **Arthurian** legends of King Arthur and the knights of the Round Table are popular literary motifs.

### seminal

*adj.* highly original, influential, or innovative; containing the seeds or beginnings of future development or growth; (of medicine) of or relating to semen or the male reproductive system

*synonym* :

influential, groundbreaking, original

(1) **seminal** research, (2) **seminal** duct

The book was a **seminal** work in psychology, influencing generations of researchers.

## ape

*n.* a large animal with long arms, no tail, and usually a lot of body hair, including gorillas, chimpanzees, orangutans, and gibbons

*synonym*: monkey, primate, simian

(1) jungle **ape**, (2) play the **ape**

The scientist studied the behavior of **apes** in the wild.

## microprocessor

*n.* a computer component containing all the functions of the central processing unit

*synonym*: IC, chip, microchip

(1) **microprocessor** chip, (2) dedicated **microprocessor**

As a result of improvements in **microprocessor** performance, many consumer electronics products are now Internet-connected.

## flatten

*v.* to make something flat, smooth, or level; to remove or reduce any irregularities or bumps; to crush, squash, or press something down to become level or compressed

*synonym*: level, smooth, even

(1) **flatten** a tire, (2) **flatten** my opponent

The hurricane's powerful winds **flattened** entire neighborhoods, leaving only rubble.

## inward

*adj.* directed or facing towards the inside; inside or inward-looking

*synonym*: internal, introspective, interior

(1) **inward** peace, (2) **inward** cargo

The **inward** motion of the tide was gradually slowing down.

## crick

*n.* sharp pain or stiffness in the neck or back that typically results from a sudden twisting or wrenching movement

*synonym*:

cramp, kink, spasm

(1) stiff **crick**, (2) **crick** in the back

I woke up with a **crick** in my neck from sleeping in an awkward position.

## decode

*v.* to convert something, such as a message or piece of information, from a specific form into one that you can understand

*synonym*: decipher, translate, interpret

(1) **decode** a message, (2) ability to **decode** the differences

The software could **decode** the encrypted data and reveal the hidden information.

## helix

*n.* a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule

*synonym*: coil, spiral, twist

(1) **helix** structure, (2) alpha **helix**

The DNA molecule is shaped like a double **helix**.

## determinant

*n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

*synonym*: cause, factor, element

(1) environmental **determinant**, (2) a **determinant** of crop yields

One **determinant** of success is having a positive attitude and a strong work ethic.

## trait

*n.* a particular feature of your nature

*synonym*: attribute, feature, quality

(1) chemical **trait**, (2) personality **traits**

Multiple genes may influence behavioral **traits** concurrently.

## inherit

*v.* to receive money, property, or a title from someone after they have died

*synonym*: obtain, gain, acquire

(1) **inherit** estate, (2) **inherit** ancestral property  
After his death, his sons **inherited** his business.

## whiz

*v.* to move or run quickly and smoothly with a hissing or buzzing sound; to excel or perform skillfully in a particular area; to urinate; (noun) a person who is very clever or skilled at something

*synonym* : zoom, zip, hurry

(1) **whiz** kid, (2) **whiz** through the book

The racing car **whizzed** past the grandstands, leaving a trail of dust behind it.

## buggy

*n.* a small, lightweight car, usually with no roof, especially drawn by a single horse; (adjective) infested with bugs

*synonym* : carriage, cart, wagon

(1) baby **buggy**, (2) **buggy** update

This Middle Eastern resort offers dune **buggy** tours through the desert.

## factoid

*n.* something commonly accepted as fact, even though it is probably not true

(1) an attention-grabbing **factoid**, (2) wacky **factoid**

We talked about an interesting **factoid** in today's newspaper.

## noir

*adj.* a type of film or literature that emphasizes crime, darkness, and moral ambiguity, often using shadowy, low-light cinematography or atmospheric prose; meaning "black" or "dark" in French

*synonym* : dark, shadowy, black

(1) **noir** crime novel, (2) **noir** atmosphere

The film **noir** genre is known for its dark and brooding atmosphere.

## 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.

## ventral

*adj.* relating to or situated on or toward the belly or underside of an animal or organ; opposite of dorsal

*synonym* : abdominal, ventricose, stomachal

(1) **ventral** fin, (2) **ventral** hernia

The **ventral** side of the fish was beautifully colored.

## cofounder

*n.* one of several people who establishes an organization or starts a business

(1) **cofounder** of the university, (2) late **cofounder**

He is the **cofounder** and chairman of this tech company.

## industrious

*adj.* hardworking, diligent, and persistent in effort

*synonym* : diligent, hardworking, assiduous

(1) **industrious** worker, (2) **industrious** student

He was known to be very **industrious** and would often work late into the night.

## cusp

*n.* a pointed end, especially the pointed end of a crescent moon or the part of a curve that is most curved

*synonym* : point, apex, tip

(1) **cusp** of change, (2) a single **cusp**

The project was on the **cusp** of success and needed a little more funding.

## medicinal

*adj.* of or relating to the treatment or cure of disease

*synonym* : curative, therapeutic, healing

(1) **medicinal** chemistry, (2) traditional **medicinal**

The **medicinal** properties of this herb have been known to help with various ailments.

## blossom

*n.* the reproductive structure on a flowering plant that consists of usually colorful petals and a typically green calyx (merging of sepals); the state or time of flowering; the peak of a person's or thing's development or

success

*synonym* : flower, bloom, bud

(1) apple **blossom**, (2) **blossom** garden

The cherry **blossom** trees in the park were in full bloom, creating a beautiful sight.

**conserve**

*v.* to protect something, especially the natural environment or culture, from change, damage, or destruction

*synonym* : preserve, save, maintain

(1) means to **conserve** energy, (2) **conserve** coal resources

Children must be taught to **conserve** our natural environment.

**breakneck**

*adj.* extremely fast and reckless; dangerous and high-speed

*synonym* : risky, perilous, hazardous

(1) **breakneck** acceleration, (2) **breakneck** pace

She drove at a **breakneck** speed, despite the dangerous conditions on the road.

**projectile**

*n.* an object or weapon that is propelled through the air, with or without explosive power; something that is launched or thrown with great force

*synonym* : missile, bullet, rocket

(1) **projectile** weapon, (2) **projectile** motion

The **projectile** launched from the cannon soared and landed in the target zone.

**puke**

*v.* to vomit or eject the contents of the stomach through the mouth; to feel or experience extreme disgust or hatred

*synonym* : vomit, hurl, upchuck

(1) **puke** my guts, (2) **puke** in the toilet

The smell of rotting food made him **puke** in disgust.

**scrape**

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

*synonym* : scratch, graze, rub

(1) **scrape** meat off a bone, (2) **scrape** a hole in the ground  
He **scraped** the mud off his boots before entering the house.

## starch

*n.* a complex carbohydrate found in many plants, including rice, wheat, and potatoes that is an important foodstuff for humans and animals

*synonym* : carbohydrate, glucose, dextrin

(1) **starch** granules, (2) potato **starch**

When heated, **starch** molecules absorb water and become thick and gooey, making it a useful thickening agent in cooking.

## toolbox

*n.* a container or storage unit for tools, typically characterized by a handle and one or more compartments for organizing and storing various tools and equipment

*synonym* : tool chest, tool kit, tool bag

(1) design **toolbox**, (2) **toolbox** storage

You should always keep a basic **toolbox** in your car in case of an emergency.

## writ

*n.* a written legal order or command

*synonym* : legal document, order, legal process

(1) a **writ** of summons, (2) issue a **writ**

He was served with a **writ** of eviction, giving him the notice to vacate the property.

## mycoplasma

*n.* a genus of bacteria that lack a cell wall and can cause respiratory and genital infections in humans and animals

*synonym* : mollicutes, pleuropneumonia-like organisms

(1) **mycoplasma** infection, (2) **mycoplasma** pneumonia

The research team developed a new diagnostic tool to detect **mycoplasma** presence in clinical samples rapidly.

## genital

*adj.* of or relating to the external and internal reproductive organs

*synonym*: reproductive, genetic, sexual

(1) **genital** bleeding, (2) pain in the **genital** area

The **genital** organs of the human body are necessary for reproduction.

## synthesize

v. to combine a substance to make a more complex product or compound

*synonym*: incorporate, amalgamate

(1) **synthesize** molecules, (2) **synthesize** information

The spider can **synthesize** multiple different silk proteins.

## critter

n. a small or unimportant creature or animal, often used in a familiar or affectionate way

*synonym*: animal, creature, beast

(1) cute **critter**, (2) wild **critter**

During their camping trip, the kids were excited to go **critter** hunting in the woods.

## crank

n. a mechanical device that converts rotary motion into linear motion or vice versa; an eccentric or unpredictable person

*synonym*: eccentric, oddball, kook

(1) **crank** handle, (2) **crank** caller

The fishing reel had a **crank** that made it easy to reel in the catch.

## aroma

n. a distinctive, usually pleasant smell, often of a specific food, plant, or object

*synonym*: fragrance, scent, smell

(1) **aroma** therapy, (2) coffee **aroma**

The **aroma** of freshly baked bread filled the kitchen.

## vine

n. a climbing plant that produces grapes; any plant with a growth habit of trailing or climbing stems

(1) a green **vine**, (2) **vine** of ore

A **vine** remains productive throughout the year.



## graft

*n.* a transplanted portion of tissue or skin, often taken from one part of the body and used to repair or replace damaged or missing tissue in another part; a corrupt or illegal means of acquiring wealth or power through illicit or unethical methods

*synonym* : transplant, implantation, bribery

(1) **graft** surgery, (2) anti- **graft** law

The patient's skin **graft** procedure was successful, and he was released from the hospital.

## conceivable

*adj.* imaginable or possible to understand or believe in the mind

*synonym* : believable, imaginable, probable

(1) **conceivable** way, (2) **conceivable** emergency

It is challenging to defend every **conceivable** target.

## forbid

*v.* to order somebody not to do something, especially officially; to keep something from happening or arising

*synonym* : prohibit, ban, outlaw

(1) **forbid** smoking in public areas, (2) **forbid** the use of chemical weapons

God **forbid** you should regret your marriage.

## raspberry

*n.* a sweet and tart edible fruit that grows on bushes, usually with a soft red or black color and a rough texture on the outside

*synonym* : blackberry, bramble, dewberry

(1) **raspberry** flavor, (2) **raspberry** tea

The **raspberry** cheesecake at that restaurant is out of this world.

## 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.

## microbe

*n.* a tiny living thing that can only be seen with a microscope and that may cause disease

*synonym* : germ, microorganism, bacterium

(1) pathogenic **microbe**, (2) **microbes** sterilizer

**Microbes** thrive on the surface of the human skin.

## circulate

*v.* to move continuously or freely around a place or closed system

*synonym* : flow, disperse, rotate

(1) **circulate** a rumor, (2) **circulate** an agenda before the meeting

The fan **circulates** the air in the room quickly.

## viticulture

*n.* (also "viniculture") the cultivation and production of grapes, particularly for winemaking, which includes the science and practice of growing grapevines, managing vineyards, and harvesting the grapes for wine production

*synonym* : grape growing, vine cultivation

(1) **viticulture** industry, (2) organic **viticulture**

The winery is known for its commitment to sustainable **viticulture** practices.

## fertilization

*n.* the process of joining a sperm and an egg to produce an embryo

*synonym* : impregnation, pollination, insemination

(1) **fertilization** process, (2) artificial **fertilization**

The **fertilization** of the soil allowed for a bountiful harvest.

## granular

*adj.* consisting of or resembling small grains or particles; having a rough, irregular texture or appearance

*synonym* : gritty, grainy, sandy

(1) a **granular** medicine, (2) **granular** data

The soil had a **granular** texture, making it easy to plant the seeds.

## terroir

*n.* the environmental and geographical factors, such as soil type, climate, and topography, that give a particular region or vineyard its unique characteristics and contribute to the flavor and quality of wine or other agricultural products produced there

*synonym* : region, soil, land

(1) regional **terroir**, (2) wine **terroir**

The soil composition and climate play a crucial role in shaping the **terroir** of a vineyard.

## correlate

*v.* to have a connection or relationship in which one thing affects or depends on another

*synonym* : associate, liken, connect

(1) **correlate** closely with the quality, (2) **correlate** to the size

We may frequently **correlate** age with the frequency of disease.

## fertilize

*v.* to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well

*synonym* : pollinate, inseminate, enrich

(1) **fertilize** the soil, (2) **fertilize** the female egg

The couple decided to use the non-husband sperm to **fertilize** a wife.

## unnatural

*adj.* not in accordance with the normal or natural order or not normal, typical, or expected

*synonym* : abnormal, bizarre, artificial

(1) **unnatural** death, (2) **unnatural** disaster

The **unnatural** growth of the city has disrupted wildlife habitats.

## reorganize

*v.* to change to a more sufficient or suitable form of organization

*synonym* : rearrange, reconstruct, reshuffle

(1) **reorganize** a department, (2) **reorganize** his debts

The new CEO was appointed to **reorganize** their business.

## **nutritious**

*adj.* providing nourishment and essential nutrients for growth, development, and overall well-being; conducive to good health and proper bodily function

*synonym*: healthy, nourishing, wholesome

(1) **nutritious** ingredients, (2) **nutritious** meal

Eating a balanced and **nutritious** diet is important for maintaining good health.

## **plentiful**

*adj.* existing or available in a large quantity or abundance; ample or abundant in supply or availability

*synonym*: abundant, ample, copious

(1) **plentiful** resources, (2) **plentiful** harvest

The supermarket offers a **plentiful** selection of fresh fruits and vegetables.

## Session 2: Spelling

- |                                       |  |
|---------------------------------------|--|
| 1. dedicated mic_____sor              | <i>n.</i> a computer component containing all the functions of the central processing unit   |
| 2. reo_____ze a department            | <i>v.</i> to change to a more sufficient or suitable form of organization  |
| 3. co_____te closely with the quality | <i>v.</i> to have a connection or relationship in which one thing affects or depends on another  |
| 4. br_____ck pace                     | <i>adj.</i> extremely fast and reckless; dangerous and high-speed  |
| 5. organic vit_____re                 | <i>n.</i> (also "viniculture") the cultivation and production of grapes, particularly for winemaking, which includes the science and practice of growing grapevines, managing vineyards, and harvesting the grapes for wine production |
| 6. co_____te to the size              | <i>v.</i> to have a connection or relationship in which one thing affects or depends on another  |
| 7. nut_____us ingredients             | <i>adj.</i> providing nourishment and essential nutrients for growth, development, and overall well-being; conducive to good health and proper bodily function   |
| 8. wacky fa_____d                     | <i>n.</i> something commonly accepted as fact, even though it is probably not true   |
| 9. fl_____n a tire                    | <i>v.</i> to make something flat, smooth, or level; to remove or reduce any irregularities or bumps; to crush, squash, or press something down to become level or compressed   |

ANSWERS: 1. microprocessor, 2. reorganize, 3. correlate, 4. breakneck, 5. viticulture, 6. correlate, 7. nutritious, 8. factoid, 9. flatten

10. sc\_\_\_e meat off a bone      *v.* to draw something along a rough or hard surface, typically to remove dirt or other matter
11. st\_\_\_h granules      *n.* a complex carbohydrate found in many plants, including rice, wheat, and potatoes that is an important foodstuff for humans and animals
12. se\_\_\_\_\_l duct      *adj.* highly original, influential, or innovative; containing the seeds or beginnings of future development or growth; (of medicine) of or relating to semen or the male reproductive system
13. ind\_\_\_\_\_us worker      *adj.* hardworking, diligent, and persistent in effort
14. pathogenic mi\_\_\_\_\_e      *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
15. reo\_\_\_\_\_ze his debts      *v.* to change to a more sufficient or suitable form of organization
16. a gr\_\_\_\_\_ar medicine      *adj.* consisting of or resembling small grains or particles; having a rough, irregular texture or appearance
17. myc\_\_\_\_\_ma infection      *n.* a genus of bacteria that lack a cell wall and can cause respiratory and genital infections in humans and animals
18. coffee ar\_\_a      *n.* a distinctive, usually pleasant smell, often of a specific food, plant, or object
19. mi\_\_\_\_\_es sterilizer      *n.* a tiny living thing that can only be seen with a microscope and that may cause disease

ANSWERS: 10. scrape, 11. starch, 12. seminal, 13. industrious, 14. microbe, 15. reorganize, 16. granular, 17. mycoplasma, 18. aroma, 19. microbe

20. gr\_\_t surgery *n.* a transplanted portion of tissue or skin, often taken from one part of the body and used to repair or replace damaged or missing tissue in another part; a corrupt or illegal means of acquiring wealth or power through illicit or unethical methods
21. cross-country od\_\_\_\_y *n.* a long wandering and eventful journey; a Greek epic poem attributed to Homer, describing the journey of Odysseus after the fall of Troy
22. ci\_\_\_\_\_te a rumor *v.* to move continuously or freely around a place or closed system
23. p\_\_e in the toilet *v.* to vomit or eject the contents of the stomach through the mouth; to feel or experience extreme disgust or hatred
24. ve\_\_\_\_\_l fin *adj.* relating to or situated on or toward the belly or underside of an animal or organ; opposite of dorsal
25. hu\_\_\_\_\_g sound *adj.* producing a continuous, low, vibrating sound like that of the bee
26. fl\_\_\_\_\_n my opponent *v.* to make something flat, smooth, or level; to remove or reduce any irregularities or bumps; to crush, squash, or press something down to become level or compressed
27. br\_\_\_\_\_ck acceleration *adj.* extremely fast and reckless; dangerous and high-speed
28. se\_\_\_\_\_l research *adj.* highly original, influential, or innovative; containing the seeds or beginnings of future development or growth; (of medicine) of or relating to semen or the male reproductive system

ANSWERS: 20. graft, 21. odyssey, 22. circulate, 23. puke, 24. ventral, 25. humming, 26. flatten, 27. breakneck, 28. seminal

29. apple bl\_\_\_\_m *n.* the reproductive structure on a flowering plant that consists of usually colorful petals and a typically green calyx (merging of sepals); the state or time of flowering; the peak of a person's or thing's development or success
30. a w\_\_t of summons *n.* a written legal order or command
31. di\_\_\_\_ve juices *adj.* relating to or capable of causing or promoting digestion of food
32. sc\_\_\_\_e a hole in the ground *v.* to draw something along a rough or hard surface, typically to remove dirt or other matter
33. ability to de\_\_\_e the differences *v.* to convert something, such as a message or piece of information, from a specific form into one that you can understand
34. towering mo\_\_\_\_th *n.* a large, single upright block of stone, especially one shaped into a pillar or monument; something that is very large, solid, and uniform in shape or appearance
35. to\_\_\_\_x storage *n.* a container or storage unit for tools, typically characterized by a handle and one or more compartments for organizing and storing various tools and equipment
36. gr\_\_\_\_ar data *adj.* consisting of or resembling small grains or particles; having a rough, irregular texture or appearance

ANSWERS: 29. blossom, 30. writ, 31. digestive, 32. scrape, 33. decode, 34. monolith, 35. toolbox, 36. granular



37. co\_\_\_\_ve coal resources      *v.* to protect something, especially the natural environment or culture, from change, damage, or destruction
38. means to co\_\_\_\_ve energy      *v.* to protect something, especially the natural environment or culture, from change, damage, or destruction
39. design to\_\_\_\_x      *n.* a container or storage unit for tools, typically characterized by a handle and one or more compartments for organizing and storing various tools and equipment
40. vit\_\_\_\_re industry      *n.* (also "viniculture") the cultivation and production of grapes, particularly for winemaking, which includes the science and practice of growing grapevines, managing vineyards, and harvesting the grapes for wine production
41. wild cr\_\_\_\_r      *n.* a small or unimportant creature or animal, often used in a familiar or affectionate way
42. ind\_\_\_\_us student      *adj.* hardworking, diligent, and persistent in effort
43. fo\_\_\_\_d smoking in public areas      *v.* to order somebody not to do something, especially officially; to keep something from happening or arising
44. myc\_\_\_\_ma pneumonia      *n.* a genus of bacteria that lack a cell wall and can cause respiratory and genital infections in humans and animals
45. ve\_\_\_\_l hernia      *adj.* relating to or situated on or toward the belly or underside of an animal or organ; opposite of dorsal

ANSWERS: 37. conserve, 38. conserve, 39. toolbox, 40. viticulture, 41. critter, 42. industrious, 43. forbid, 44. mycoplasma, 45. ventral

46. in\_\_\_\_t estate      *v.* to receive money, property, or a title from someone after they have died
47. potato st\_\_\_\_h      *n.* a complex carbohydrate found in many plants, including rice, wheat, and potatoes that is an important foodstuff for humans and animals
48. de\_\_\_\_e a message      *v.* to convert something, such as a message or piece of information, from a specific form into one that you can understand
49. nut\_\_\_\_us meal      *adj.* providing nourishment and essential nutrients for growth, development, and overall well-being; conducive to good health and proper bodily function
50. ra\_\_\_\_ry flavor      *n.* a sweet and tart edible fruit that grows on bushes, usually with a soft red or black color and a rough texture on the outside
51. con\_\_\_\_le way      *adj.* imaginable or possible to understand or believe in the mind
52. syn\_\_\_\_ze molecules      *v.* to combine a substance to make a more complex product or compound
53. pl\_\_\_\_ul harvest      *adj.* existing or available in a large quantity or abundance; ample or abundant in supply or availability
54. n\_\_r crime novel      *adj.* a type of film or literature that emphasizes crime, darkness, and moral ambiguity, often using shadowy, low-light cinematography or atmospheric prose; meaning "black" or "dark" in French

ANSWERS: 46. inherit, 47. starch, 48. decode, 49. nutritious, 50. raspberry, 51. conceivable, 52. synthesize, 53. plentiful, 54. noir

55. fe\_\_\_\_\_ze the female egg      *v.* to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well
56. ar\_\_a therapy      *n.* a distinctive, usually pleasant smell, often of a specific food, plant, or object
57. play the a\_e      *n.* a large animal with long arms, no tail, and usually a lot of body hair, including gorillas, chimpanzees, orangutans, and gibbons
58. issue a w\_\_t      *n.* a written legal order or command
59. he\_\_x structure      *n.* a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule
60. me\_\_\_\_\_al chemistry      *adj.* of or relating to the treatment or cure of disease
61. ge\_\_\_\_\_l bleeding      *adj.* of or relating to the external and internal reproductive organs
62. fer\_\_\_\_\_ion process      *n.* the process of joining a sperm and an egg to produce an embryo
63. bl\_\_\_\_\_m garden      *n.* the reproductive structure on a flowering plant that consists of usually colorful petals and a typically green calyx (merging of sepals); the state or time of flowering; the peak of a person's or thing's development or success
64. a di\_\_\_\_\_ve enzyme      *adj.* relating to or capable of causing or promoting digestion of food

ANSWERS: 55. fertilize, 56. aroma, 57. ape, 58. writ, 59. helix, 60. medicinal, 61. genital, 62. fertilization, 63. blossom, 64. digestive

65. co\_\_\_\_\_er of the university *n.* one of several people who establishes an organization or starts a business
66. syn\_\_\_\_\_ze information *v.* to combine a substance to make a more complex product or compound
67. stiff cr\_\_k *n.* sharp pain or stiffness in the neck or back that typically results from a sudden twisting or wrenching movement
68. ra\_\_\_\_\_ry tea *n.* a sweet and tart edible fruit that grows on bushes, usually with a soft red or black color and a rough texture on the outside
69. cr\_\_k caller *n.* a mechanical device that converts rotary motion into linear motion or vice versa; an eccentric or unpredictable person
70. cr\_\_k handle *n.* a mechanical device that converts rotary motion into linear motion or vice versa; an eccentric or unpredictable person
71. baby bu\_\_y *n.* a small, lightweight car, usually with no roof, especially drawn by a single horse; (adjective) infested with bugs
72. a single c\_\_p *n.* a pointed end, especially the pointed end of a crescent moon or the part of a curve that is most curved
73. anti-gr\_\_t law *n.* a transplanted portion of tissue or skin, often taken from one part of the body and used to repair or replace damaged or missing tissue in another part; a corrupt or illegal means of acquiring wealth or power through illicit or unethical methods

ANSWERS: 65. cofounder, 66. synthesize, 67. crick, 68. raspberry, 69. crank, 70. crank, 71. buggy, 72. cusp, 73. graft

74. hu\_\_\_\_g bird *adj.* producing a continuous, low, vibrating sound like that of the bee
75. mic\_\_\_\_\_sor chip *n.* a computer component containing all the functions of the central processing unit
76. un\_\_\_\_\_al death *adj.* not in accordance with the normal or natural order or not normal, typical, or expected
77. pro\_\_\_\_\_le weapon *n.* an object or weapon that is propelled through the air, with or without explosive power; something that is launched or thrown with great force
78. environmental det\_\_\_\_\_nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
79. the Ar\_\_\_\_\_an cycle *adj.* relating to king Arthur and the tales and legends associated with him
80. cr\_\_k in the back *n.* sharp pain or stiffness in the neck or back that typically results from a sudden twisting or wrenching movement
81. wine te\_\_\_\_\_r *n.* the environmental and geographical factors, such as soil type, climate, and topography, that give a particular region or vineyard its unique characteristics and contribute to the flavor and quality of wine or other agricultural products produced there
82. an attention-grabbing fa\_\_\_\_\_d *n.* something commonly accepted as fact, even though it is probably not true

ANSWERS: 74. humming, 75. microprocessor, 76. unnatural, 77. projectile, 78. determinant, 79. Arthurian, 80. crick, 81. terroir, 82. factoid

83. pro\_\_\_\_\_le motion *n.* an object or weapon that is propelled through the air, with or without explosive power; something that is launched or thrown with great force
84. fo\_\_\_d the use of chemical weapons *v.* to order somebody not to do something, especially officially; to keep something from happening or arising
85. in\_\_\_d cargo *adj.* directed or facing towards the inside; inside or inward-looking
86. Ar\_\_\_\_\_an romances *adj.* relating to king Arthur and the tales and legends associated with him
87. n\_\_r atmosphere *adj.* a type of film or literature that emphasizes crime, darkness, and moral ambiguity, often using shadowy, low-light cinematography or atmospheric prose; meaning "black" or "dark" in French
88. w\_\_z through the book *v.* to move or run quickly and smoothly with a hissing or buzzing sound; to excel or perform skillfully in a particular area; to urinate; (noun) a person who is very clever or skilled at something
89. artificial fer\_\_\_\_\_ion *n.* the process of joining a sperm and an egg to produce an embryo
90. in\_\_\_d peace *adj.* directed or facing towards the inside; inside or inward-looking
91. in\_\_\_\_\_t ancestral property *v.* to receive money, property, or a title from someone after they have died
92. chemical tr\_\_t *n.* a particular feature of your nature

ANSWERS: 83. projectile, 84. forbid, 85. inward, 86. Arthurian, 87. noir, 88. whiz, 89. fertilization, 90. inward, 91. inherit, 92. trait

93. a det\_\_\_\_\_nt of crop yields      *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
94. fe\_\_\_\_\_ze the soil      *v.* to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well
95. c\_\_p of change      *n.* a pointed end, especially the pointed end of a crescent moon or the part of a curve that is most curved
96. pain in the ge\_\_\_\_l area      *adj.* of or relating to the external and internal reproductive organs
97. pl\_\_\_\_\_ul resources      *adj.* existing or available in a large quantity or abundance; ample or abundant in supply or availability
98. v\_\_e of ore      *n.* a climbing plant that produces grapes; any plant with a growth habit of trailing or climbing stems
99. metal mo\_\_\_\_\_th      *n.* a large, single upright block of stone, especially one shaped into a pillar or monument; something that is very large, solid, and uniform in shape or appearance
100. a green v\_\_e      *n.* a climbing plant that produces grapes; any plant with a growth habit of trailing or climbing stems
101. cute cr\_\_\_\_\_r      *n.* a small or unimportant creature or animal, often used in a familiar or affectionate way

ANSWERS: 93. determinant, 94. fertilize, 95. cusp, 96. genital, 97. plentiful, 98. vine, 99. monolith, 100. vine, 101. critter

102. go on a serious od\_\_\_\_\_y      *n.* a long wandering and eventful journey; a Greek epic poem attributed to Homer, describing the journey of Odysseus after the fall of Troy
103. traditional me\_\_\_\_\_al      *adj.* of or relating to the treatment or cure of disease
104. con\_\_\_\_\_le emergency      *adj.* imaginable or possible to understand or believe in the mind
105. bu\_\_y update      *n.* a small, lightweight car, usually with no roof, especially drawn by a single horse; (adjective) infested with bugs
106. un\_\_\_\_\_al disaster      *adj.* not in accordance with the normal or natural order or not normal, typical, or expected
107. w\_\_z kid      *v.* to move or run quickly and smoothly with a hissing or buzzing sound; to excel or perform skillfully in a particular area; to urinate; (noun) a person who is very clever or skilled at something
108. personality tr\_\_ts      *n.* a particular feature of your nature
109. ci\_\_\_\_\_te an agenda before the meeting      *v.* to move continuously or freely around a place or closed system
110. late co\_\_\_\_\_er      *n.* one of several people who establishes an organization or starts a business
111. regional te\_\_\_\_\_r      *n.* the environmental and geographical factors, such as soil type, climate, and topography, that give a particular region or vineyard its unique characteristics and contribute to the flavor and quality of wine or other agricultural products produced there

ANSWERS: 102. odyssey, 103. medicinal, 104. conceivable, 105. buggy, 106. unnatural, 107. whiz, 108. trait, 109. circulate, 110. cofounder, 111. terroir



112. jungle a\_e                      *n.*    a large animal with long arms, no tail, and usually a lot of body hair, including gorillas, chimpanzees, orangutans, and gibbons
113. p\_\_e my guts                    *v.*    to vomit or eject the contents of the stomach through the mouth; to feel or experience extreme disgust or hatred
114. alpha he\_\_x                    *n.*    a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule

ANSWERS: 112. ape, 113. puke, 114. helix

## Session 3: Fill in the Blanks

1. The soil had a \_\_\_\_\_ texture, making it easy to plant the seeds.  
*adj.* consisting of or resembling small grains or particles; having a rough, irregular texture or appearance
2. He was known to be very \_\_\_\_\_ and would often work late into the night.  
*adj.* hardworking, diligent, and persistent in effort
3. The research team developed a new diagnostic tool to detect \_\_\_\_\_ presence in clinical samples rapidly.  
*n.* a genus of bacteria that lack a cell wall and can cause respiratory and genital infections in humans and animals
4. The \_\_\_\_\_ legends of King Arthur and the knights of the Round Table are popular literary motifs.  
*adj.* relating to king Arthur and the tales and legends associated with him
5. The smell of rotting food made him \_\_\_\_\_ in disgust.  
*v.* to vomit or eject the contents of the stomach through the mouth; to feel or experience extreme disgust or hatred
6. God \_\_\_\_\_ you should regret your marriage.  
*v.* to order somebody not to do something, especially officially; to keep something from happening or arising
7. The \_\_\_\_\_ side of the fish was beautifully colored.  
*adj.* relating to or situated on or toward the belly or underside of an animal or organ; opposite of dorsal

ANSWERS: 1. granular, 2. industrious, 3. mycoplasma, 4. Arthurian, 5. puke, 6. forbid, 7. ventral

8. \_\_\_\_\_ thrive on the surface of the human skin.
- n.* a tiny living thing that can only be seen with a microscope and that may cause disease
9. The cherry \_\_\_\_\_ trees in the park were in full bloom, creating a beautiful sight.
- n.* the reproductive structure on a flowering plant that consists of usually colorful petals and a typically green calyx (merging of sepals); the state or time of flowering; the peak of a person's or thing's development or success
10. The \_\_\_\_\_ properties of this herb have been known to help with various ailments.
- adj.* of or relating to the treatment or cure of disease
11. The spider can \_\_\_\_\_ multiple different silk proteins.
- v.* to combine a substance to make a more complex product or compound
12. One \_\_\_\_\_ of success is having a positive attitude and a strong work ethic.
- n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
13. He continued the extraordinary \_\_\_\_\_ with his brother.
- n.* a long wandering and eventful journey; a Greek epic poem attributed to Homer, describing the journey of Odysseus after the fall of Troy
14. Eating a balanced and \_\_\_\_\_ diet is important for maintaining good health.
- adj.* providing nourishment and essential nutrients for growth, development, and overall well-being; conducive to good health and proper bodily function

ANSWERS: 8. Microbes, 9. blossom, 10. medicinal, 11. synthesize, 12. determinant, 13. odyssey, 14. nutritious

15. A nutritious diet improves \_\_\_\_\_ functions.

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

16. He was served with a \_\_\_\_\_ of eviction, giving him the notice to vacate the property.

*n.* a written legal order or command

17. A \_\_\_\_\_ remains productive throughout the year.

*n.* a climbing plant that produces grapes; any plant with a growth habit of trailing or climbing stems

18. This Middle Eastern resort offers dune \_\_\_\_\_ tours through the desert.

*n.* a small, lightweight car, usually with no roof, especially drawn by a single horse; (adjective) infested with bugs

19. After his death, his sons \_\_\_\_\_ his business.

*v.* to receive money, property, or a title from someone after they have died

20. The \_\_\_\_\_ organs of the human body are necessary for reproduction.

*adj.* of or relating to the external and internal reproductive organs

21. The fishing reel had a \_\_\_\_\_ that made it easy to reel in the catch.

*n.* a mechanical device that converts rotary motion into linear motion or vice versa; an eccentric or unpredictable person

22. The hurricane's powerful winds \_\_\_\_\_ entire neighborhoods, leaving only rubble.

*v.* to make something flat, smooth, or level; to remove or reduce any irregularities or bumps; to crush, squash, or press something down to become level or compressed

ANSWERS: 15. digestive, 16. writ, 17. vine, 18. buggy, 19. inherited, 20. genital, 21. crank, 22. flattened

23. The patient's skin \_\_\_\_\_ procedure was successful, and he was released from the hospital.
- n.* a transplanted portion of tissue or skin, often taken from one part of the body and used to repair or replace damaged or missing tissue in another part; a corrupt or illegal means of acquiring wealth or power through illicit or unethical methods
24. The \_\_\_\_\_ of freshly baked bread filled the kitchen.
- n.* a distinctive, usually pleasant smell, often of a specific food, plant, or object
25. Multiple genes may influence behavioral \_\_\_\_\_ concurrently.
- n.* a particular feature of your nature
26. The scientist studied the behavior of \_\_\_\_\_ in the wild.
- n.* a large animal with long arms, no tail, and usually a lot of body hair, including gorillas, chimpanzees, orangutans, and gibbons
27. The film \_\_\_\_\_ genre is known for its dark and brooding atmosphere.
- adj.* a type of film or literature that emphasizes crime, darkness, and moral ambiguity, often using shadowy, low-light cinematography or atmospheric prose; meaning "black" or "dark" in French
28. The \_\_\_\_\_ motion of the tide was gradually slowing down.
- adj.* directed or facing towards the inside; inside or inward-looking
29. The software could \_\_\_\_\_ the encrypted data and reveal the hidden information.
- v.* to convert something, such as a message or piece of information, from a specific form into one that you can understand

ANSWERS: 23. graft, 24. aroma, 25. traits, 26. apes, 27. noir, 28. inward, 29. decode

30. She drove at a \_\_\_\_\_ speed, despite the dangerous conditions on the road.  
*adj.* extremely fast and reckless; dangerous and high-speed
31. The \_\_\_\_\_ of the soil allowed for a bountiful harvest.  
*n.* the process of joining a sperm and an egg to produce an embryo
32. The soil composition and climate play a crucial role in shaping the \_\_\_\_\_ of a vineyard.  
*n.* the environmental and geographical factors, such as soil type, climate, and topography, that give a particular region or vineyard its unique characteristics and contribute to the flavor and quality of wine or other agricultural products produced there
33. The winery is known for its commitment to sustainable \_\_\_\_\_ practices.  
*n.* (also "viticulture") the cultivation and production of grapes, particularly for winemaking, which includes the science and practice of growing grapevines, managing vineyards, and harvesting the grapes for wine production
34. He is the \_\_\_\_\_ and chairman of this tech company.  
*n.* one of several people who establishes an organization or starts a business
35. We talked about an interesting \_\_\_\_\_ in today's newspaper.  
*n.* something commonly accepted as fact, even though it is probably not true
36. The couple decided to use the non-husband sperm to \_\_\_\_\_ a wife.  
*v.* to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well
37. The project was on the \_\_\_\_\_ of success and needed a little more funding.  
*n.* a pointed end, especially the pointed end of a crescent moon or the part of a curve that is most curved

ANSWERS: 30. breakneck, 31. fertilization, 32. terroir, 33. viticulture, 34. cofounder, 35. factoid, 36. fertilize, 37. cusp

38. The book was a \_\_\_\_\_ work in psychology, influencing generations of researchers.

*adj.* highly original, influential, or innovative; containing the seeds or beginnings of future development or growth; (of medicine) of or relating to semen or the male reproductive system

39. The new CEO was appointed to \_\_\_\_\_ their business.

*v.* to change to a more sufficient or suitable form of organization

40. The supermarket offers a \_\_\_\_\_ selection of fresh fruits and vegetables.

*adj.* existing or available in a large quantity or abundance; ample or abundant in supply or availability

41. As a result of improvements in \_\_\_\_\_ performance, many consumer electronics products are now Internet-connected.

*n.* a computer component containing all the functions of the central processing unit

42. The DNA molecule is shaped like a double \_\_\_\_\_.

*n.* a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule

43. When heated, \_\_\_\_\_ molecules absorb water and become thick and gooey, making it a useful thickening agent in cooking.

*n.* a complex carbohydrate found in many plants, including rice, wheat, and potatoes that is an important foodstuff for humans and animals

44. The \_\_\_\_\_ growth of the city has disrupted wildlife habitats.

*adj.* not in accordance with the normal or natural order or not normal, typical, or expected

ANSWERS: 38. seminal, 39. reorganize, 40. plentiful, 41. microprocessor, 42. helix, 43. starch, 44. unnatural

45. He \_\_\_\_\_ the mud off his boots before entering the house.
- v.* to draw something along a rough or hard surface, typically to remove dirt or other matter
46. During their camping trip, the kids were excited to go \_\_\_\_\_ hunting in the woods.
- n.* a small or unimportant creature or animal, often used in a familiar or affectionate way
47. I woke up with a \_\_\_\_\_ in my neck from sleeping in an awkward position.
- n.* sharp pain or stiffness in the neck or back that typically results from a sudden twisting or wrenching movement
48. It is challenging to defend every \_\_\_\_\_ target.
- adj.* imaginable or possible to understand or believe in the mind
49. Children must be taught to \_\_\_\_\_ our natural environment.
- v.* to protect something, especially the natural environment or culture, from change, damage, or destruction
50. We may frequently \_\_\_\_\_ age with the frequency of disease.
- v.* to have a connection or relationship in which one thing affects or depends on another
51. The fan \_\_\_\_\_ the air in the room quickly.
- v.* to move continuously or freely around a place or closed system
52. The \_\_\_\_\_ cheesecake at that restaurant is out of this world.
- n.* a sweet and tart edible fruit that grows on bushes, usually with a soft red or black color and a rough texture on the outside

ANSWERS: 45. scraped, 46. critter, 47. crick, 48. conceivable, 49. conserve, 50. correlate, 51. circulates, 52. raspberry



53. You should always keep a basic \_\_\_\_\_ in your car in case of an emergency.
- n.* a container or storage unit for tools, typically characterized by a handle and one or more compartments for organizing and storing various tools and equipment
54. The \_\_\_\_\_ launched from the cannon soared and landed in the target zone.
- n.* an object or weapon that is propelled through the air, with or without explosive power; something that is launched or thrown with great force
55. The art exhibit featured a massive \_\_\_\_\_ sculpture made entirely of recycled materials.
- n.* a large, single upright block of stone, especially one shaped into a pillar or monument; something that is very large, solid, and uniform in shape or appearance
56. The racing car \_\_\_\_\_ past the grandstands, leaving a trail of dust behind it.
- v.* to move or run quickly and smoothly with a hissing or buzzing sound; to excel or perform skillfully in a particular area; to urinate; (noun) a person who is very clever or skilled at something
57. 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

ANSWERS: 53. toolbox, 54. projectile, 55. monolith, 56. whizzed, 57. humming