

# Englist.me



## Vocabulary Builder Reference from...

*Matt Walker: Hacking your memory -- with sleep | TED Talk*

[https://www.ted.com/talks/matt\\_walker\\_hacking\\_your\\_memory\\_with\\_sleep](https://www.ted.com/talks/matt_walker_hacking_your_memory_with_sleep)

### All Words

#### IMPORTANT

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## Session 1: Word List

### cram

- v.* to force or try to fit a large amount of information into a short time, especially in preparation for an examination; to force or try to fit a large amount of something into a small space

*synonym* : stuff, pack, jam

(1) **cram** more circuits into chips, (2) **cram** five people into a car

She had to **cram** for the final exam and stayed up all night studying.

### instrument

- n.* an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work

*synonym* : apparatus, tool, device

(1) musical **instruments**, (2) surgical **instruments**

This electronic **instrument** is required to undergo periodic inspections to ensure precision.

### critic

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

*synonym* : pundit, analyst, attacker

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

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

## brain

*n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling

*synonym*: intellect, mind, encephalon

(1) basic **brain** function, (2) permanent **brain** damage

X-rays revealed a small tumor in his **brain**.

## sponge

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

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

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

## initially

*adv.* at the beginning; at first

*synonym*: originally, primarily, firstly

(1) **initially** anticipated, (2) diagnosed **initially** as a tumor

This train departed later than **initially** scheduled.

## soak

*v.* to allow liquid to be absorbed, typically by immersing in it; to leave as a guarantee in return for money

*synonym*: saturate, steep, douse

(1) **soak** in a hot spring, (2) **soak** away stress

I **soaked** the shirt in the sink before washing it.

## circuit

*n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area

*synonym*: route, course, rotation

(1) **circuit** breaker, (2) federal **circuit** courts

An intelligent battery has a voltage monitoring **circuit**.

## waterlog

*v.* to saturate with water or become saturated with water; to cause something to be waterlogged or submerged in water

*synonym* : flood, soak, drench

(1) **waterlog** a field, (2) **waterlog** the roof

The heavy rainwater was enough to **waterlog** the basement of the house.

## absorb

v. to take in a fluid or other substance gradually

*synonym* : consume, soak, ingest

(1) **absorb** energy, (2) **absorb** a shock

The sponge **absorbs** water well.

## trace

v. to find or discover someone or something that was lost

*synonym* : seek, follow, depict

(1) **trace** a telephone call, (2) **trace** back to medieval times

Let's **trace** the origins of some familiar foreign words.

## essentially

*adv.* relating to the essential features or concepts of anything

*synonym* : fundamentally, basically, virtually

(1) **essentially** correct, (2) become **essentially** same

**Essentially**, a society is an organism.

## future-proof

*adj.* designed or developed in a way that it can continue to be relevant and functional in the future, despite potential changes or advancements in technology, society, or other factors; (verb) to take steps to ensure that something will remain useful or relevant in the future, especially in the context of technology or business

*synonym* : sustainable, resilient, adaptable

(1) **future-proof** technology, (2) **future-proof** our business model

The new building has been constructed to be **future-proof**, with flexible and adaptable spaces.

## cement

v. make fast as if with cement; (noun) a building material that is a powder made of a mixture of calcined limestone and clay, used with water, sand, and small stones to make concrete

*synonym* : adhesive, glue

(1) **cement** a close relationship, (2) **cement** blend  
They are eager to **cement** a positive reputation.

## architecture

*n.* the art and science of designing and constructing buildings

*synonym*: design, structure, layout

(1) **architecture** design, (2) classic **architecture**

The city is known for its impressive **architecture** and beautiful old buildings.

## neural

*adj.* of or relating to a nerve or the nervous system that includes the brain

*synonym*: sensory, neuronic, nervous

(1) **neural** stem cells, (2) **neural** networks in AI

There was a disturbance of **neural** function.

## discovery

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

*synonym*: finding, uncovering, detection

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

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

## achieve

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

*synonym*: accomplish, attain, reach

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

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

## consolidate

*v.* to make something more vital, more solid, or more certain

*synonym*: crystallize, concentrate, cement

(1) **consolidate** his debt, (2) **consolidate** a leadership

The two universities will **consolidate** in July next year.

## mechanism

*n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

*synonym* : means, method, system

(1) the **mechanism** for DNA replication, (2) defense **mechanism**

He discovered unique **mechanisms** for photochemical reactions.

## transfer

*v.* to move, pass, or change from one person, place, or situation to another

*synonym* : move, relocate, shift

(1) **transfer** a file, (2) **transfer** power

She **transferred** the money from her savings account to her checking account.

## process

*n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

*synonym* : procedure, method, system

(1) **process** improvement, (2) decision-making **process**

The **process** for applying for a visa can be lengthy and complicated.

## structure

*n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

*synonym* : construction, architecture, establishment

(1) the **structure** of a machine, (2) **structure** and function of the brain

The organizational **structure** of start-ups is often flat and straightforward.

## hippocampus

*n.* a major component of the brain of humans and other vertebrates that is part of the limbic system and is vital

for memory

(1) involvement of the **hippocampus**, (2) neurons in the **hippocampus**

The **hippocampus** is crucial for learning and memory storage.

## **inbox**

*n.* an electronic folder on a computer or phone where new emails, text messages, etc., that are sent to you are kept

(1) **inbox** full of emails, (2) **inbox** folder

After you register, you will receive an email with a coupon shortly in your **inbox**.

## **cortex**

*n.* the outermost layer of an organ, especially the brain

(1) **cortex** cells, (2) visual **cortex** neuron

The cerebral **cortex** consists of six layers.

## **wrinkle**

*n.* a small line or fold in something, especially fabric or the skin of the face; a minor difficulty

*synonym*: crinkle, fold, crumple

(1) a fine **wrinkle** on a fabric, (2) a facial **wrinkle**

This suit is made of **wrinkle-proof** material.

## **massive**

*adj.* enormous amount; very heavy and solid

*synonym*: enormous, giant, immense

(1) **massive** amounts, (2) **massive** stars

The recent economic downturn has resulted in **massive** layoffs.

## **tissue**

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

*synonym*: structure, texture, anatomy

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

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

## stick

- v. to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material

*synonym* : pierce, adhere, stay

(1) **stick** a key in a lock, (2) fire **stick**

You **stick** a bill in the change machine, and the coins pop out.

## storage

- n. the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information

*synonym* : storehouse, depository, warehousing

(1) a **storage** battery, (2) **storage** at low temperature

We store customer data in cloud **storage**.

## replay

- v. play something, such as a recording, a piece of music, or a game again

*synonym* : repeat, play again, go over again

(1) **replay** the game, (2) **replay** in my mind

He pushed the button and **replayed** the video again.

## sever

- v. to break or separate something by cutting, especially suddenly and forcibly

*synonym* : cut apart, separate, detach

(1) **sever** a rope, (2) **sever** a positive relationship

He **severed** a branch from a tree quickly.

## maze

- n. a complex network of winding passages or pathways designed as a puzzle or challenge for people to navigate through

*synonym* : labyrinth, puzzle, network

(1) puzzle **maze**, (2) labyrinth **maze**

We got lost in the **maze** of streets while exploring the city.

## bounce

- v. to cause to move up or away after hitting a surface; to spring back

*synonym* :

bound, leap, spring

(1) **bounce** across the floor, (2) **bounce** back from failure  
They will **bounce** between various emotional states.

## asleep

*adj.* in a state of sleep

*synonym*: sleeping, fallen, at rest

(1) **asleep** at the wheel, (2) dead **asleep**

He lay down and fell **asleep** immediately.

## remarkable

*adj.* worthy of attention because unusual or special

*synonym*: outstanding, exceptional, extraordinary

(1) **remarkable** achievement, (2) the **remarkable** breadth of knowledge

The election was a **remarkable** success for the Whigs.

## strengthen

*v.* to become stronger or more effective; to make someone or something stronger or more effective

*synonym*: reinforce, harden, boost

(1) **strengthen** the immune system, (2) **strengthen** a border patrol

Difficulties **strengthen** the mind, as labor does the body.

## representation

*n.* the act of speaking, acting, or being present on behalf of someone officially; a statement of facts and reasons made in appealing or protesting

*synonym*: delegacy, manifestation, expression

(1) sales **representation**, (2) binary **representation**

A person who has been declared incompetent should have legal **representation**.

## beneficial

*adj.* helpful, useful, or sound; promoting or enhancing well-being

*synonym*: useful, advantageous, fruitful

(1) a **beneficial** result, (2) **beneficial** to all countries

Laughing is **beneficial** to our health.



## integrate

*v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups

*synonym* : mix, merge, combine

(1) **integrate** into the existing system, (2) **integrate** both businesses

He found that it is difficult to **integrate** socially.

## association

*n.* a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship

*synonym* : affiliation, collaboration, society

(1) word **associations**, (2) a scholarship **association**

His membership in the **association** provided him with numerous benefits.

## intelligent

*adj.* having the capacity for thought and reason, especially to a high degree

*synonym* : brilliant, clever, competent

(1) an **intelligent** person, (2) **intelligent** assisting system

**Intelligent** robots that can cooperate with humans have limited motor output for safety.

## individual

*n.* a single person or thing, as distinct from a group

*synonym* : person, being, self

(1) a private **individual**, (2) **individual** freedom

As an **individual**, he had the right to make his own decisions and live his life as he saw fit.

## cleverly

*adv.* in a way that demonstrates intelligence or ability

*synonym* : smartly, shrewdly, wittily

(1) **cleverly** devised trap, (2) guess **cleverly**

The dog jumped **cleverly** to one side.

## interconnect

*v.* to connect similar things

*synonym* : interlink, connect, annex

(1) directly **interconnect** with those systems, (2) human activities **interconnect** with the environment

Our system can now **interconnect** with other databases.

## consequence

*n.* the outcome of a particular action or event, especially relative to an individual

*synonym*: result, impact, outcome

(1) unintended **consequences**, (2) the **consequence** of an argument

These economic activities had disastrous environmental **consequences**.

## rev

*n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

*synonym*: revolution, RPM, speed

(1) low- **rev** engine, (2) **rev** up the crowd

He stepped on the gas pedal, and the engine released a loud **rev**.

## impenetrable

*adj.* not able to be passed through, entered, or understood

*synonym*: impassable, insurmountable, impregnable

(1) **impenetrable** fortress, (2) through an **impenetrable** fog

The jungle was so dense and **impenetrable** that it was almost impossible to find a way through.

## Session 2: Spelling

- |  |   |
|--|---|
| 1. s__k away stress                    | <i>v.</i> to allow liquid to be absorbed, typically by immersing in it; to leave as a guarantee in return for money   |
| 2. ab___b a shock                      | <i>v.</i> to take in a fluid or other substance gradually   |
| 3. tr__e a telephone call              | <i>v.</i> to find or discover someone or something that was lost  |
| 4. ind_____al freedom                  | <i>n.</i> a single person or thing, as distinct from a group  |
| 5. ne___l stem cells                   | <i>adj.</i> of or relating to a nerve or the nervous system that includes the brain   |
| 6. diagnosed in_____ly as a tumor      | <i>adv.</i> at the beginning; at first  |
| 7. the rem_____le breadth of knowledge | <i>adj.</i> worthy of attention because unusual or special  |
| 8. ne___l networks in AI               | <i>adj.</i> of or relating to a nerve or the nervous system that includes the brain   |
| 9. surgical ins_____nts                | <i>n.</i> an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work |
| 10. a scholarship ass_____on           | <i>n.</i> a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship              |

ANSWERS: 1. soak, 2. absorb, 3. trace, 4. individual, 5. neural, 6. initially, 7. remarkable, 8. neural, 9. instrument, 10. association

11. classic arc\_\_\_\_\_ure *n.* the art and science of designing and constructing buildings
12. human activities int\_\_\_\_\_ect with the environment *v.* to connect similar things
13. low-r\_v engine *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
14. c\_\_m five people into a car *v.* to force or try to fit a large amount of information into a short time, especially in preparation for an examination; to force or try to fit a large amount of something into a small space
15. re\_\_\_y in my mind *v.* play something, such as a recording, a piece of music, or a game again
16. sales rep\_\_\_\_\_ion *n.* the act of speaking, acting, or being present on behalf of someone officially; a statement of facts and reasons made in appealing or protesting
17. dead as\_\_\_p *adj.* in a state of sleep
18. in\_\_x folder *n.* an electronic folder on a computer or phone where new emails, text messages, etc., that are sent to you are kept
19. a facial ti\_\_\_e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
20. a st\_\_\_e battery *n.* the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information

ANSWERS: 11. architecture, 12. interconnect, 13. rev, 14. cram, 15. replay, 16. representation, 17. asleep, 18. inbox, 19. tissue, 20. storage

21. in\_\_\_\_\_ly anticipated *adv.* at the beginning; at first
22. se\_\_r a rope *v.* to break or separate something by cutting, especially suddenly and forcibly
23. a scientific di\_\_\_\_\_ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
24. in\_\_\_\_\_te into the existing system *v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
25. decision-making pr\_\_\_\_\_s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
26. visual co\_\_\_x neuron *n.* the outermost layer of an organ, especially the brain
27. c\_\_m more circuits into chips *v.* to force or try to fit a large amount of information into a short time, especially in preparation for an examination; to force or try to fit a large amount of something into a small space
28. tr\_\_e back to medieval times *v.* to find or discover someone or something that was lost
29. in\_\_x full of emails *n.* an electronic folder on a computer or phone where new emails, text messages, etc., that are sent to you are kept

ANSWERS: 21. initially, 22. sever, 23. discovery, 24. integrate, 25. process, 26. cortex, 27. cram, 28. trace, 29. inbox

30. cl\_\_\_\_ly devised trap *adv.* in a way that demonstrates intelligence or ability
31. a private ind\_\_\_\_\_al *n.* a single person or thing, as distinct from a group
32. basic br\_\_n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
33. permanent br\_\_n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
34. str\_\_\_\_\_en a border patrol *v.* to become stronger or more effective; to make someone or something stronger or more effective
35. severe cr\_\_\_c *n.* someone who expresses opinions about the quality of books, music, etc.
36. as\_\_\_p at the wheel *adj.* in a state of sleep
37. st\_\_\_\_\_e at low temperature *n.* the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information
38. federal ci\_\_\_\_\_t courts *n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area
39. involvement of the hip\_\_\_\_\_us *n.* a major component of the brain of humans and other vertebrates that is part of the limbic system and is vital for memory

ANSWERS: 30. cleverly, 31. individual, 32. brain, 33. brain, 34. strengthen, 35. critic, 36. asleep, 37. storage, 38. circuit, 39. hippocampus

40. art cr\_\_\_c *n.* someone who expresses opinions about the quality of books, music, etc.
41. se\_\_r a positive relationship *v.* to break or separate something by cutting, especially suddenly and forcibly
42. tr\_\_\_\_\_er a file *v.* to move, pass, or change from one person, place, or situation to another
43. a fine wr\_\_\_\_\_e on a fabric *n.* a small line or fold in something, especially fabric or the skin of the face; a minor difficulty
44. ce\_\_\_t blend *v.* make fast as if with cement; (noun) a building material that is a powder made of a mixture of calcined limestone and clay, used with water, sand, and small stones to make concrete
45. directly int\_\_\_\_\_ect with those systems *v.* to connect similar things
46. become ess\_\_\_\_\_ly same *adv.* relating to the essential features or concepts of anything
47. word ass\_\_\_\_\_ons *n.* a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship
48. st\_\_k a key in a lock *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
49. puzzle m\_\_e *n.* a complex network of winding passages or pathways designed as a puzzle or challenge for people to navigate through

ANSWERS: 40. critic, 41. sever, 42. transfer, 43. wrinkle, 44. cement, 45. interconnect, 46. essentially, 47. association, 48. stick, 49. maze

50. neurons in the hip\_\_\_\_\_us *n.* a major component of the brain of humans and other vertebrates that is part of the limbic system and is vital for memory
51. rem\_\_\_\_\_le achievement *adj.* worthy of attention because unusual or special
52. con\_\_\_\_\_te a leadership *v.* to make something more vital, more solid, or more certain
53. st\_\_\_\_\_re and function of the brain *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
54. a facial wr\_\_\_\_\_e *n.* a small line or fold in something, especially fabric or the skin of the face; a minor difficulty
55. metallic sp\_\_\_\_\_e *n.* a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning
56. the me\_\_\_\_\_sm for DNA replication *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
57. imp\_\_\_\_\_ble fortress *adj.* not able to be passed through, entered, or understood
58. loss of muscle ti\_\_\_\_\_e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
59. defense me\_\_\_\_\_sm *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

ANSWERS: 50. hippocampus, 51. remarkable, 52. consolidate, 53. structure, 54. wrinkle, 55. sponge, 56. mechanism, 57. impenetrable, 58. tissue, 59. mechanism



60. a ben\_\_\_\_\_al result *adj.* helpful, useful, or sound; promoting or enhancing well-being
61. ab\_\_\_b energy *v.* to take in a fluid or other substance gradually
62. con\_\_\_\_\_te his debt *v.* to make something more vital, more solid, or more certain
63. the st\_\_\_\_\_re of a machine *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
64. co\_\_\_x cells *n.* the outermost layer of an organ, especially the brain
65. tr\_\_\_\_\_er power *v.* to move, pass, or change from one person, place, or situation to another
66. wa\_\_\_\_\_og the roof *v.* to saturate with water or become saturated with water; to cause something to be waterlogged or submerged in water
67. arc\_\_\_\_\_ure design *n.* the art and science of designing and constructing buildings
68. labyrinth m\_\_\_e *n.* a complex network of winding passages or pathways designed as a puzzle or challenge for people to navigate through
69. the con\_\_\_\_\_ce of an argument *n.* the outcome of a particular action or event, especially relative to an individual
70. str\_\_\_\_\_en the immune system *v.* to become stronger or more effective; to make someone or something stronger or more effective

ANSWERS: 60. beneficial, 61. absorb, 62. consolidate, 63. structure, 64. cortex, 65. transfer, 66. waterlog, 67. architecture, 68. maze, 69. consequence, 70. strengthen

71. re\_\_\_y the game  
*v.* play something, such as a recording, a piece of music, or a game again
72. ess\_\_\_\_\_ly correct  
*adv.* relating to the essential features or concepts of anything
73. bo\_\_\_e back from failure  
*v.* to cause to move up or away after hitting a surface; to spring back
74. ben\_\_\_\_\_al to all countries  
*adj.* helpful, useful, or sound; promoting or enhancing well-being
75. int\_\_\_\_\_nt assisting system  
*adj.* having the capacity for thought and reason, especially to a high degree
76. bo\_\_\_e across the floor  
*v.* to cause to move up or away after hitting a surface; to spring back
77. in\_\_\_\_\_te both businesses  
*v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
78. unintended con\_\_\_\_\_ces  
*n.* the outcome of a particular action or event, especially relative to an individual
79. fire st\_\_k  
*v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
80. guess cl\_\_\_\_\_ly  
*adv.* in a way that demonstrates intelligence or ability
81. ac\_\_\_\_\_e milestones  
*v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do

ANSWERS: 71. replay, 72. essentially, 73. bounce, 74. beneficial, 75. intelligent, 76. bounce, 77. integrate, 78. consequence, 79. stick, 80. cleverly, 81. achieve

82. fut\_\_\_\_\_oof our business model      *adj.* designed or developed in a way that it can continue to be relevant and functional in the future, despite potential changes or advancements in technology, society, or other factors; (verb) to take steps to ensure that something will remain useful or relevant in the future, especially in the context of technology or business
83. wa\_\_\_\_\_og a field      *v.* to saturate with water or become saturated with water; to cause something to be waterlogged or submerged in water
84. s\_\_k in a hot spring      *v.* to allow liquid to be absorbed, typically by immersing in it; to leave as a guarantee in return for money
85. r\_v up the crowd      *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
86. the great di\_\_\_\_\_ry of the century      *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
87. ce\_\_\_t a close relationship      *v.* make fast as if with cement; (noun) a building material that is a powder made of a mixture of calcined limestone and clay, used with water, sand, and small stones to make concrete

ANSWERS: 82. future-proof, 83. waterlog, 84. soak, 85. rev, 86. discovery, 87. cement

88. fut\_\_\_\_\_oof technology *adj.* designed or developed in a way that it can continue to be relevant and functional in the future, despite potential changes or advancements in technology, society, or other factors; (verb) to take steps to ensure that something will remain useful or relevant in the future, especially in the context of technology or business
89. ma\_\_\_\_\_e amounts *adj.* enormous amount; very heavy and solid
90. ci\_\_\_\_\_t breaker *n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area
91. ma\_\_\_\_\_e stars *adj.* enormous amount; very heavy and solid
92. an int\_\_\_\_\_nt person *adj.* having the capacity for thought and reason, especially to a high degree
93. ac\_\_\_\_\_e success *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
94. sea sp\_\_\_\_e *n.* a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning
95. musical ins\_\_\_\_\_nts *n.* an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work

ANSWERS: 88. future-proof, 89. massive, 90. circuit, 91. massive, 92. intelligent, 93. achieve, 94. sponge, 95. instrument

96. binary rep\_\_\_\_\_ion                      *n.*    the act of speaking, acting, or being present on behalf of someone officially; a statement of facts and reasons made in appealing or protesting
97. pr\_\_\_\_\_s improvement                      *n.*    a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
98. through an imp\_\_\_\_\_ble fog                      *adj.* not able to be passed through, entered, or understood

ANSWERS: 96. representation, 97. process, 98. impenetrable

## Session 3: Fill in the Blanks

1. He discovered unique \_\_\_\_\_ for photochemical reactions.  
*n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
  
2. The \_\_\_\_\_ for applying for a visa can be lengthy and complicated.  
*n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
  
3. I will work hard to \_\_\_\_\_ my goals and realize my dreams.  
*v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
  
4. The organizational \_\_\_\_\_ of start-ups is often flat and straightforward.  
*n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
  
5. The election was a \_\_\_\_\_ success for the Whigs.  
*adj.* worthy of attention because unusual or special
  
6. \_\_\_\_\_ a society is an organism.  
*adv.* relating to the essential features or concepts of anything
  
7. We store customer data in cloud \_\_\_\_\_.  
*n.* the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information

ANSWERS: 1. mechanisms, 2. process, 3. achieve, 4. structure, 5. remarkable, 6. Essentially, 7. storage

8. The researcher separated the nervous \_\_\_\_\_ for microscopic examinations.
- n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
9. Difficulties \_\_\_\_\_ the mind, as labor does the body.
- v.* to become stronger or more effective; to make someone or something stronger or more effective
10. The new building has been constructed to be \_\_\_\_\_ with flexible and adaptable spaces.
- adj.* designed or developed in a way that it can continue to be relevant and functional in the future, despite potential changes or advancements in technology, society, or other factors; (verb) to take steps to ensure that something will remain useful or relevant in the future, especially in the context of technology or business
11. Let's \_\_\_\_\_ the origins of some familiar foreign words.
- v.* to find or discover someone or something that was lost
12. He found that it is difficult to \_\_\_\_\_ socially.
- v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
13. He stepped on the gas pedal, and the engine released a loud \_\_\_\_\_.
- n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
14. \_\_\_\_\_ robots that can cooperate with humans have limited motor output for safety.
- adj.* having the capacity for thought and reason, especially to a high degree

ANSWERS: 8. tissue, 9. strengthen, 10. future-proof, 11. trace, 12. integrate, 13. rev, 14. Intelligent

15. You \_\_\_\_\_ a bill in the change machine, and the coins pop out.
- v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
16. The \_\_\_\_\_ is crucial for learning and memory storage.
- n.* a major component of the brain of humans and other vertebrates that is part of the limbic system and is vital for memory
17. She had to \_\_\_\_\_ for the final exam and stayed up all night studying.
- v.* to force or try to fit a large amount of information into a short time, especially in preparation for an examination; to force or try to fit a large amount of something into a small space
18. He \_\_\_\_\_ a branch from a tree quickly.
- v.* to break or separate something by cutting, especially suddenly and forcibly
19. This electronic \_\_\_\_\_ is required to undergo periodic inspections to ensure precision.
- n.* an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work
20. The dog jumped \_\_\_\_\_ to one side.
- adv.* in a way that demonstrates intelligence or ability
21. The tiny marine \_\_\_\_\_ has existed for more than 500 million years.
- n.* a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning
22. An intelligent battery has a voltage monitoring \_\_\_\_\_.
- n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area

ANSWERS: 15. stick, 16. hippocampus, 17. cram, 18. severed, 19. instrument, 20. cleverly, 21. sponge, 22. circuit



23. The jungle was so dense and \_\_\_\_\_ that it was almost impossible to find a way through.  
*adj.* not able to be passed through, entered, or understood
24. The recent economic downturn has resulted in \_\_\_\_\_ layoffs.  
*adj.* enormous amount; very heavy and solid
25. This suit is made of \_\_\_\_\_ material.  
*n.* a small line or fold in something, especially fabric or the skin of the face; a minor difficulty
26. As an \_\_\_\_\_ he had the right to make his own decisions and live his life as he saw fit.  
*n.* a single person or thing, as distinct from a group
27. I \_\_\_\_\_ the shirt in the sink before washing it.  
*v.* to allow liquid to be absorbed, typically by immersing in it; to leave as a guarantee in return for money
28. After you register, you will receive an email with a coupon shortly in your \_\_\_\_\_.  
*n.* an electronic folder on a computer or phone where new emails, text messages, etc., that are sent to you are kept
29. X-rays revealed a small tumor in his \_\_\_\_\_.  
*n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
30. These economic activities had disastrous environmental \_\_\_\_\_.  
*n.* the outcome of a particular action or event, especially relative to an individual

ANSWERS: 23. impenetrable, 24. massive, 25. wrinkle-proof, 26. individual, 27. soaked, 28. inbox, 29. brain, 30. consequences

31. The city is known for its impressive \_\_\_\_\_ and beautiful old buildings.  
*n.* the art and science of designing and constructing buildings
32. His membership in the \_\_\_\_\_ provided him with numerous benefits.  
*n.* a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship
33. We got lost in the \_\_\_\_\_ of streets while exploring the city.  
*n.* a complex network of winding passages or pathways designed as a puzzle or challenge for people to navigate through
34. He pushed the button and \_\_\_\_\_ the video again.  
*v.* play something, such as a recording, a piece of music, or a game again
35. They will \_\_\_\_\_ between various emotional states.  
*v.* to cause to move up or away after hitting a surface; to spring back
36. This train departed later than \_\_\_\_\_ scheduled.  
*adv.* at the beginning; at first
37. There was a disturbance of \_\_\_\_\_ function.  
*adj.* of or relating to a nerve or the nervous system that includes the brain
38. Her research team made an important \_\_\_\_\_.  
*n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
39. The two universities will \_\_\_\_\_ in July next year.  
*v.* to make something more vital, more solid, or more certain

ANSWERS: 31. architecture, 32. association, 33. maze, 34. replayed, 35. bounce, 36. initially, 37. neural, 38. discovery, 39. consolidate

40. The sponge \_\_\_\_\_ water well.

*v.* to take in a fluid or other substance gradually

41. The cerebral \_\_\_\_\_ consists of six layers.

*n.* the outermost layer of an organ, especially the brain

42. Laughing is \_\_\_\_\_ to our health.

*adj.* helpful, useful, or sound; promoting or enhancing well-being

43. They are eager to \_\_\_\_\_ a positive reputation.

*v.* make fast as if with cement; (noun) a building material that is a powder made of a mixture of calcined limestone and clay, used with water, sand, and small stones to make concrete

44. Our system can now \_\_\_\_\_ with other databases.

*v.* to connect similar things

45. She \_\_\_\_\_ the money from her savings account to her checking account.

*v.* to move, pass, or change from one person, place, or situation to another

46. Advocates for legal reform hear less harsh words from their \_\_\_\_\_.

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

47. He lay down and fell \_\_\_\_\_ immediately.

*adj.* in a state of sleep

48. A person who has been declared incompetent should have legal \_\_\_\_\_.

*n.* the act of speaking, acting, or being present on behalf of someone officially; a statement of facts and reasons made in appealing or protesting

ANSWERS: 40. absorbs, 41. cortex, 42. beneficial, 43. cement, 44. interconnect, 45. transferred, 46. critics, 47. asleep, 48. representation

49. The heavy rainwater was enough to \_\_\_\_\_ the basement of the house.

- v. to saturate with water or become saturated with water; to cause something to be waterlogged or submerged in water

ANSWERS: 49. waterlog