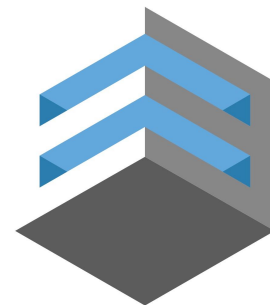


Englist.me



Vocabulary Builder Reference from...

Gregory Petsko: *The coming neurological epidemic* | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

epidemic

n. the widespread outbreak of a particular disease in a large number of people at the same time

synonym: outbreak, contagion, plague

(1) a worldwide **epidemic**, (2) health **epidemic**

The disease is now reaching **epidemic** proportions in our country.

neurology

n. the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system

synonym: brain science, nervous system, neuropathology

(1) cognitive **neurology**, (2) **neurology** department

She is studying clinical **neurology** to become a brain surgeon.

disease

n. a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems

synonym: illness, ailment, affliction

(1) **disease** prevention, (2) **disease** control

The doctor diagnosed him with a rare **disease** that had no known cure.

cheer

v. to give a loud shout to show support, praise, or approval
synonym: comfort, encourage, hearten

(1) **cheer** for the home team, (2) **cheer** me up
Supporters in the stands **cheered** at every goal.

population

n. the total number of people in a country, region, or location

synonym: people, inhabitants, folk

(1) **population** change, (2) labor **population**
In just four years, the **population** has doubled.

distribute

v. to give something to a large number of individuals, or to spread or furnish something

synonym: broadcast, disperse, hand out

(1) **distribute** wealth evenly, (2) **distribute** video content
His estate was **distributed** to his sons.

pyramid

n. a polyhedron having a polygonal base and triangular sides with a common vertex; a massive monument with a square base and four triangular sides, begun by Cheops around 2700 BC as royal tombs in ancient Egypt

synonym: monument, edifice, tomb

(1) **pyramid** architecture, (2) a truncated **pyramid**
The Egyptian **pyramids** consist of a vast number of blocks.

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.

column

n. one of the vertical blocks that split content on a page or screen from top to bottom; an upright pillar that often supports an arch, entablature, or other structure or

stands alone as a monument

synonym: line, pillar, cue

(1) the spinal **column**, (2) a **column** of water

The newspaper devoted several **columns** to the affair.

invert

v. to turn something upside down, inside out; to reverse the position, order, or relationship of something

synonym: turn upside down, reverse, flip

(1) **invert** a glass, (2) **invert** position

He decided to **invert** his investment portfolio, shifting from stocks to bonds.

lifespan

n. the length of time for which a person, animal lives, or thing exists

synonym: duration, lifetime, continuance

(1) **lifespan** extension, (2) **lifespan** retrieval curve

Generally speaking, men have a shorter **lifespan** than women.

entirely

adv. completely

synonym: completely, fully, totally

(1) **entirely** satisfied with the meal, (2) he was **entirely** to blame

Later, his claim was found to be **entirely** false.

Alzheimer

n. a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults

synonym: dementia, memory loss, cognitive decline

(1) **Alzheimer's** brain, (2) **Alzheimer's** risk factors

My grandmother has **Alzheimer's** disease requires special care and attention from her caregivers.

exponential

adj. becoming more and more rapid; of or involving mathematical exponents

(1) **exponential** growth, (2) **exponential** function

Since the 1990s, the Internet has continued to experience **exponential** growth.

statistics

n. the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data

(1) **statistics** for cancer, (2) official **statistics**

The **statistics** demonstrate that poverty and unemployment are genuine problems.

prevention

n. the action, process, or strategy of stopping something undesirable or harmful from happening; the act of preventing, interfering, or hindering unwanted events or outcomes

synonym: precaution, hindrance, obstruction

(1) **prevention** of crime, (2) **prevention** strategy

The company will need to invest in fire **prevention** equipment to ensure the safety of its employees.

trillion

n. the number 1,000,000,000,000; a million million

(1) **trillion** cubic feet, (2) many **trillions** of dollars

One light year is nearly 6 **trillion** miles.

doll

n. a child's toy that typically represents a human figure, especially a young girl; an attractive woman; a woman who is subservient or passive

synonym: puppet, dolly, toy

(1) plastic **doll**, (2) rag **doll**

The antique **doll** was worth thousands of dollars.

protein

n. a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues

(1) stress **protein**, (2) **protein** synthesis

The body needs a certain amount of **protein** to build and repair tissues.

prop

n. a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something

synonym: support, buttress, column

(1) emotional **prop**, (2) **prop** stick

We have finally lost our last **prop**.

demented

adj. mentally disturbed or deranged; crazed; irrational or insane in behavior, thought, or perception

synonym: insane, unhinged, deranged

(1) act in a **demented** way, (2) a **demented** laughter

The horror movie was filled with **demented** characters that haunted the viewers' dreams.

origami

n. the Japanese art or practice of folding paper into decorative shapes and figures

synonym: paper folding, paper art

(1) **origami** paper, (2) **origami** art

I love making **origami** cranes during my free time.

function

n. the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

synonym: purpose, mapping, job

(1) **function** properly, (2) immune **function**

The brain is an incredibly complex organ that controls the body's **function**.

molecular

adj. of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)

synonym: microscopic, atomic

(1) **molecular** structure, (2) **molecular** biology

Molecular weight is the sum of all the atoms.

scotch

- v. to put an end to or stop something from happening or continuing; to prevent, hinder or restrain something or someone from doing or achieving something; (noun, Scotch) things or people from Scotland, which is a country located in the United Kingdom

synonym : halt, stop, block

(1) **scotch** any further debate, (2) **scotch** the deal

I need to **scotch** these rumors before they spread any further.

tap

- v. to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.

synonym : knock, exploit, use

(1) **tap** a new market, (2) **tap** keyboard with an index finger

To expand the company, we must **tap** new human resources.

tangle

- n. a confused mass of something twisted together

synonym : knot, snarl, entanglement

(1) in a **tangle**, (2) **tangle** wires

The cords behind my computer were a **tangled** mess.

sect

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

synonym : group, faction, cult

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

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

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**.

fascinating

adj. extremely interesting

synonym : alluring, intriguing, captivating

(1) **fascinating** story, (2) completely **fascinating** to me

The museum houses a **fascinating** collection of Celtic artifacts.

cancer

n. abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

synonym : tumor, carcinoma, malignancy

(1) **cancer** diagnosis, (2) **cancer** research

Breast **cancer** is the most common type of cancer in women.

incidence

n. the frequency or rate at which a particular event or condition occurs within a specific population, group, or area; the occurrence or manifestation of something, especially something harmful or unpleasant

synonym : occurrence, frequency, prevalence

(1) **incidence** rate, (2) high **incidence** of disease

The **incidence** of crime has decreased in the neighborhood since the new security measures were put in place.

pursue

v. to do something or attempt to attain something over time; to follow or seek someone or something, especially in trying to catch them

synonym : seek, hunt, chase

(1) **pursue** a goal, (2) **pursue** freedoms

She intends to **pursue** a political career.

fascinate

v. to attract and hold the attention of someone deeply and irresistibly

synonym : captivate, intrigue, mesmerize

(1) **fascinate** the public, (2) **fascinate** the young

The magic tricks **fascinated** the children.

creative

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

synonym : imaginative, innovative, inventive

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

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

philanthropy

n. the practice of voluntarily helping the poor, especially by giving money

synonym : altruism, benevolence, generosity

(1) **philanthropy** organization, (2) private **philanthropy**

Tech billionaires often spend the majority of their time on **philanthropy**.

tremendous

adj. very great in degree or extent or amount or impact; extremely good

synonym : enormous, giant, immense

(1) **tremendous** amount, (2) **tremendous** popularity

We had a **tremendous** time yesterday.

scope

n. the range of one's perceptions, thoughts, or actions, or a subject that

synonym : content, coverage, extent

(1) **scope** of a project, (2) have broad **scope**

The **scope** of human thought is diverse.

addition

n. the act or process of adding something to something else; the process of adding numbers

synonym : accumulation, expansion, addendum

(1) chemical **addition**, (2) **addition** of vectors

In **addition**, private corporations provide healthcare services.

government

n. the group of people with authority to control a country or state

synonym : administration, regime, state

(1) **government** bureaucracy, (2) **government** funding

The federal **government** is planning to increase taxes for the next fiscal year.

meantime

n. the interval or period of time between two events; the interim or temporary time period between two actions or stages of something else

synonym : interim, meanwhile, lag

(1) **meantime** report, (2) for the **meantime**

In the **meantime**, while we wait for the results, let's start working on the next project.

caffeine

n. a stimulant drug that is found in coffee, tea, and other beverages and that is used to increase alertness and improve mental and physical performance

synonym : stimulant

(1) **caffeine** intake, (2) coffee with the **caffeine** removed

She experienced headaches and fatigue as symptoms of **caffeine** withdrawal after quitting coffee.

protective

adj. serving to protect or shield from harm or danger; designed to prevent damage or injury

synonym : defensive, safeguarding, shielding

(1) **protective** coating, (2) **protective** measures

Wearing **protective** gear is crucial for athletes to prevent injuries.

extent

n. the point or degree or area to which something extends

synonym : amount, degree, intensity

(1) certain **extent**, (2) the **extent** of the damage

I was amazed at the **extent** of her generosity.

injury

n. harm done to a person's or an animal's body caused by an accident or an attack

synonym : wound, damage, hurt

(1) without **injury**, (2) a fatal **injury**

My accidental **injury** got better right away.

avian

adj. relating to or characteristic of birds

synonym : bird-like, feathered, winged

(1) **avian** influenza, (2) **avian** habitat

The expert on **avian** species studied the behavior of different types of birds.

influenza

n. (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics

synonym : grippe, flu

(1) an epidemic outbreak of **influenza**, (2) **influenza B** strain

The research institute allocated a lot of money to study the cause and prevention of **influenza**.

chronic

adj. being long-lasting and recurrent or characterized by long suffering; habitual

synonym : established, regular, constant

(1) risk of **chronic** disease, (2) **chronic** alcohol consumption

Chronic hyperglycemia is a trigger for a variety of serious diseases.

glaucoma

n. a group of eye disorders characterized by damage to the optic nerve, often associated with increased pressure within the eye; a leading cause of blindness

synonym : optic nerve damage, ocular hypertension

(1) congenital **glaucoma**, (2) open-angle **glaucoma**

My grandfather was diagnosed with **glaucoma** and had to undergo surgery to prevent further vision loss.

cognitive

adj. of or relating to mental processes of understanding

synonym : perceivable, mind, mental

(1) improve **cognitive** function, (2) research on **cognitive** psychology

His **cognitive** faculties were getting worse because of a lack of sleep.

stimming

n. a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation

synonym: self-stimulation, repetitive behaviors

(1) autistic **stimming**, (2) **stimming** therapy

Autistic children may engage in **stimming** behaviors, such as rocking or hand flapping, to self-regulate.

tick

n. a light, sharp, repetitive sound or action; a mark indicating that something is correct or has been done; any of two families of small parasitic arachnids with barbed proboscis

synonym: sound, noise, beat

(1) **tick** of the clock, (2) **tick** fever

I always put a **tick** mark next to the items on my grocery list after buying them.

Session 2: Spelling

1. act in a de____ed way *adj.* mentally disturbed or deranged; crazed; irrational or insane in behavior, thought, or perception
2. a fatal in____y *n.* harm done to a person's or an animal's body caused by an accident or an attack
3. risk of ch____c disease *adj.* being long-lasting and recurrent or characterized by long suffering; habitual
4. ca____r diagnosis *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
5. cr____ve writing *adj.* relating to or involving the use of skill and original and unusual ideas to create something
6. di____e control *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
7. in____t a glass *v.* to turn something upside down, inside out; to reverse the position, order, or relationship of something
8. completely fas____ng to me *adj.* extremely interesting
9. dis____te video content *v.* to give something to a large number of individuals, or to spread or furnish something

ANSWERS: 1. demented, 2. injury, 3. chronic, 4. cancer, 5. creative, 6. disease, 7. invert, 8. fascinating, 9. distribute

10. fas_____ng story *adj.* extremely interesting
11. congenital gl_____ma *n.* a group of eye disorders characterized by damage to the optic nerve, often associated with increased pressure within the eye; a leading cause of blindness
12. open-angle gl_____ma *n.* a group of eye disorders characterized by damage to the optic nerve, often associated with increased pressure within the eye; a leading cause of blindness
13. ch__r me up *v.* to give a loud shout to show support, praise, or approval
14. chemical ad_____on *n.* the act or process of adding something to something else; the process of adding numbers
15. a worldwide ep_____ic *n.* the widespread outbreak of a particular disease in a large number of people at the same time
16. exp_____al growth *adj.* becoming more and more rapid; of or involving mathematical exponents
17. stress pr_____n *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
18. rag d__l *n.* a child's toy that typically represents a human figure, especially a young girl; an attractive woman; a woman who is subservient or passive

ANSWERS: 10. fascinating, 11. glaucoma, 12. glaucoma, 13. cheer, 14. addition, 15. epidemic, 16. exponential, 17. protein, 18. doll

19. mo_____ar biology *adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
20. many tr_____ons of dollars *n.* the number 1,000,000,000,000; a million million
21. have broad sc___e *n.* the range of one's perceptions, thoughts, or actions, or a subject that
22. py_____d architecture *n.* a polyhedron having a polygonal base and triangular sides with a common vertex; a massive monument with a square base and four triangular sides, begun by Cheops around 2700 BC as royal tombs in ancient Egypt
23. ch__r for the home team *v.* to give a loud shout to show support, praise, or approval
24. ta___e wires *n.* a confused mass of something twisted together
25. Al_____er's risk factors *n.* a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults
26. cognitive ne_____gy *n.* the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system
27. pre_____on of crime *n.* the action, process, or strategy of stopping something undesirable or harmful from happening; the act of preventing, interfering, or hindering unwanted events or outcomes

ANSWERS: 19. molecular, 20. trillion, 21. scope, 22. pyramid, 23. cheer, 24. tangle, 25. Alzheimer, 26. neurology, 27. prevention

28. gov_____nt bureaucracy *n.* the group of people with authority to control a country or state
29. av__n influenza *adj.* relating to or characteristic of birds
30. pu___e a goal *v.* to do something or attempt to attain something over time; to follow or seek someone or something, especially in trying to catch them
31. labor pop_____on *n.* the total number of people in a country, region, or location
32. mo_____ar structure *adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
33. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
34. di_____e prevention *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
35. ca___r research *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
36. fa_____te the young *v.* to attract and hold the attention of someone deeply and irresistibly
37. pre_____on strategy *n.* the action, process, or strategy of stopping something undesirable or harmful from happening; the act of preventing, interfering, or hindering unwanted events or outcomes

ANSWERS: 28. government, 29. avian, 30. pursue, 31. population, 32. molecular, 33. brain, 34. disease, 35. cancer, 36. fascinate, 37. prevention

38. fu_____on properly *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
39. coffee with the ca_____ne removed *n.* a stimulant drug that is found in coffee, tea, and other beverages and that is used to increase alertness and improve mental and physical performance
40. secret s__t *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
41. official sta_____cs *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
42. t_p keyboard with an index finger *v.* to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
43. tre_____us popularity *adj.* very great in degree or extent or amount or impact; extremely good
44. fa_____te the public *v.* to attract and hold the attention of someone deeply and irresistibly
45. pop_____on change *n.* the total number of people in a country, region, or location

ANSWERS: 38. function, 39. caffeine, 40. sect, 41. statistics, 42. tap, 43. tremendous, 44. fascinate, 45. population

46. the spinal co___n *n.* one of the vertical blocks that split content on a page or screen from top to bottom; an upright pillar that often supports an arch, entablature, or other structure or stands alone as a monument
47. li_____an retrieval curve *n.* the length of time for which a person, animal lives, or thing exists
48. p__p stick *n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something
49. 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
50. barren of cr_____ve spirit *adj.* relating to or involving the use of skill and original and unusual ideas to create something
51. sc__e of a project *n.* the range of one's perceptions, thoughts, or actions, or a subject that
52. tre_____us amount *adj.* very great in degree or extent or amount or impact; extremely good
53. li_____an extension *n.* the length of time for which a person, animal lives, or thing exists
54. for the me_____me *n.* the interval or period of time between two events; the interim or temporary time period between two actions or stages of something else

ANSWERS: 46. column, 47. lifespan, 48. prop, 49. flatten, 50. creative, 51. scope, 52. tremendous, 53. lifespan, 54. meantime

55. st_____ng therapy *n.* a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation
56. in_____za B strain *n.* (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics
57. Al_____er's brain *n.* a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults
58. t_p a new market *v.* to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
59. phi_____opy organization *n.* the practice of voluntarily helping the poor, especially by giving money
60. a truncated py_____d *n.* a polyhedron having a polygonal base and triangular sides with a common vertex; a massive monument with a square base and four triangular sides, begun by Cheops around 2700 BC as royal tombs in ancient Egypt
61. in___t position *v.* to turn something upside down, inside out; to reverse the position, order, or relationship of something

ANSWERS: 55. stimming, 56. influenza, 57. Alzheimer, 58. tap, 59. philanthropy, 60. pyramid, 61. invert

62. basic br__n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
63. plastic d__l *n.* a child's toy that typically represents a human figure, especially a young girl; an attractive woman; a woman who is subservient or passive
64. ca____ne intake *n.* a stimulant drug that is found in coffee, tea, and other beverages and that is used to increase alertness and improve mental and physical performance
65. tr____on cubic feet *n.* the number 1,000,000,000,000; a million million
66. exp____al function *adj.* becoming more and more rapid; of or involving mathematical exponents
67. a co__n of water *n.* one of the vertical blocks that split content on a page or screen from top to bottom; an upright pillar that often supports an arch, entablature, or other structure or stands alone as a monument
68. t__k fever *n.* a light, sharp, repetitive sound or action; a mark indicating that something is correct or has been done; any of two families of small parasitic arachnids with barbed proboscis
69. a de____ed laughter *adj.* mentally disturbed or deranged; crazed; irrational or insane in behavior, thought, or perception
70. dis____te wealth evenly *v.* to give something to a large number of individuals, or to spread or furnish something

ANSWERS: 62. brain, 63. doll, 64. caffeine, 65. trillion, 66. exponential, 67. column, 68. tick, 69. demented, 70. distribute

71. an epidemic outbreak of in_____za *n.* (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics
72. high in_____ce of disease *n.* the frequency or rate at which a particular event or condition occurs within a specific population, group, or area; the occurrence or manifestation of something, especially something harmful or unpleasant
73. or_____i paper *n.* the Japanese art or practice of folding paper into decorative shapes and figures
74. av__n habitat *adj.* relating to or characteristic of birds
75. the ex___t of the damage *n.* the point or degree or area to which something extends
76. immune fu_____on *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
77. health ep_____ic *n.* the widespread outbreak of a particular disease in a large number of people at the same time
78. fl_____n a tire *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: 71. influenza, 72. incidence, 73. origami, 74. avian, 75. extent, 76. function, 77. epidemic, 78. flatten

79. pro_____ve measures *adj.* serving to protect or shield from harm or danger; designed to prevent damage or injury
80. pr_____n synthesis *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
81. ch_____c alcohol consumption *adj.* being long-lasting and recurrent or characterized by long suffering; habitual
82. without in____y *n.* harm done to a person's or an animal's body caused by an accident or an attack
83. pro_____ve coating *adj.* serving to protect or shield from harm or danger; designed to prevent damage or injury
84. sc____h any further debate *v.* to put an end to or stop something from happening or continuing; to prevent, hinder or restrain something or someone from doing or achieving something; (noun, Scotch) things or people from Scotland, which is a country located in the United Kingdom
85. in_____ce rate *n.* the frequency or rate at which a particular event or condition occurs within a specific population, group, or area; the occurrence or manifestation of something, especially something harmful or unpleasant
86. gov_____nt funding *n.* the group of people with authority to control a country or state

ANSWERS: 79. protective, 80. protein, 81. chronic, 82. injury, 83. protective, 84. scotch, 85. incidence, 86. government

87. or____i art *n.* the Japanese art or practice of folding paper into decorative shapes and figures
88. ne_____gy department *n.* the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system
89. pu___e freedoms *v.* to do something or attempt to attain something over time; to follow or seek someone or something, especially in trying to catch them
90. t__k of the clock *n.* a light, sharp, repetitive sound or action; a mark indicating that something is correct or has been done; any of two families of small parasitic arachnids with barbed proboscis
91. improve co_____ve function *adj.* of or relating to mental processes of understanding
92. research on co_____ve psychology *adj.* of or relating to mental processes of understanding
93. sta_____cs for cancer *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
94. s__t beliefs *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
95. he was en_____ly to blame *adv.* completely
96. sc___h the deal *v.* to put an end to or stop something from happening or continuing; to prevent, hinder or restrain something or someone from doing or achieving something; (noun, Scotch) things or people from Scotland, which is a country located in the United Kingdom

ANSWERS: 87. origami, 88. neurology, 89. pursue, 90. tick, 91. cognitive, 92. cognitive, 93. statistics, 94. sect, 95. entirely, 96. scotch

97. en____ly satisfied with the meal *adv.* completely
98. me____me report *n.* the interval or period of time between two events; the interim or temporary time period between two actions or stages of something else
99. certain ex____t *n.* the point or degree or area to which something extends
100. in a ta____e *n.* a confused mass of something twisted together
101. autistic st____ng *n.* a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation
102. emotional p__p *n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something
103. private phi______opy *n.* the practice of voluntarily helping the poor, especially by giving money
104. ad____on of vectors *n.* the act or process of adding something to something else; the process of adding numbers

ANSWERS: 97. entirely, 98. meantime, 99. extent, 100. tangle, 101. stimming, 102. prop, 103. philanthropy, 104. addition

Session 3: Fill in the Blanks

1. The magic tricks _____ the children.
v. to attract and hold the attention of someone deeply and irresistibly
2. We had a _____ time yesterday.
adj. very great in degree or extent or amount or impact; extremely good
3. She intends to _____ a political career.
v. to do something or attempt to attain something over time; to follow or seek someone or something, especially in trying to catch them
4. The horror movie was filled with _____ characters that haunted the viewers' dreams.
adj. mentally disturbed or deranged; crazed; irrational or insane in behavior, thought, or perception
5. Breast _____ is the most common type of cancer in women.
n. abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
6. The brain is an incredibly complex organ that controls the body's _____.
n. the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
7. Since the 1990s, the Internet has continued to experience _____ growth.
adj. becoming more and more rapid; of or involving mathematical exponents

ANSWERS: 1. fascinated, 2. tremendous, 3. pursue, 4. demented, 5. cancer, 6. function, 7. exponential

8. His estate was _____ to his sons.
- v. to give something to a large number of individuals, or to spread or furnish something
9. To expand the company, we must ____ new human resources.
- v. to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
10. In the _____ while we wait for the results, let's start working on the next project.
- n. the interval or period of time between two events; the interim or temporary time period between two actions or stages of something else
11. Later, his claim was found to be _____ false.
- adv. completely
12. The _____ demonstrate that poverty and unemployment are genuine problems.
- n. the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
13. 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
14. Supporters in the stands _____ at every goal.
- v. to give a loud shout to show support, praise, or approval

ANSWERS: 8. distributed, 9. tap, 10. meantime, 11. entirely, 12. statistics, 13. flattened, 14. cheered

15. I need to _____ these rumors before they spread any further.
- v.* to put an end to or stop something from happening or continuing; to prevent, hinder or restrain something or someone from doing or achieving something; (noun, Scotch) things or people from Scotland, which is a country located in the United Kingdom
16. We have finally lost our last _____.
- n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something
17. The federal _____ is planning to increase taxes for the next fiscal year.
- n.* the group of people with authority to control a country or state
18. He decided to _____ his investment portfolio, shifting from stocks to bonds.
- v.* to turn something upside down, inside out; to reverse the position, order, or relationship of something
19. The newspaper devoted several _____ to the affair.
- n.* one of the vertical blocks that split content on a page or screen from top to bottom; an upright pillar that often supports an arch, entablature, or other structure or stands alone as a monument
20. All the supervisor has to do is assign tasks that make his subordinates more _____.
- adj.* relating to or involving the use of skill and original and unusual ideas to create something
21. One light year is nearly 6 _____ miles.
- n.* the number 1,000,000,000,000; a million million

ANSWERS: 15. scotch, 16. prop, 17. government, 18. invert, 19. columns, 20. creative, 21. trillion

22. She is studying clinical _____ to become a brain surgeon.
n. the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system
23. The antique _____ was worth thousands of dollars.
n. a child's toy that typically represents a human figure, especially a young girl; an attractive woman; a woman who is subservient or passive
24. The expert on _____ species studied the behavior of different types of birds.
adj. relating to or characteristic of birds
25. 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
26. The minority _____ believed in a set of unconventional religious practices.
n. a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
27. The body needs a certain amount of _____ to build and repair tissues.
n. a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
28. I always put a _____ mark next to the items on my grocery list after buying them.
n. a light, sharp, repetitive sound or action; a mark indicating that something is correct or has been done; any of two families of small parasitic arachnids with barbed proboscis
29. The Egyptian _____ consist of a vast number of blocks.
n. a polyhedron having a polygonal base and triangular sides with a common vertex; a massive monument with a square base and four triangular sides, begun by Cheops around 2700 BC as royal tombs in ancient Egypt

ANSWERS: 22. neurology, 23. doll, 24. avian, 25. brain, 26. sect, 27. protein, 28. tick, 29. pyramids

30. The disease is now reaching _____ proportions in our country.
- n.* the widespread outbreak of a particular disease in a large number of people at the same time
31. My grandmother has _____ disease requires special care and attention from her caregivers.
- n.* a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults
32. Wearing _____ gear is crucial for athletes to prevent injuries.
- adj.* serving to protect or shield from harm or danger; designed to prevent damage or injury
33. My accidental _____ got better right away.
- n.* harm done to a person's or an animal's body caused by an accident or an attack
34. The company will need to invest in fire _____ equipment to ensure the safety of its employees.
- n.* the action, process, or strategy of stopping something undesirable or harmful from happening; the act of preventing, interfering, or hindering unwanted events or outcomes
35. Autistic children may engage in _____ behaviors, such as rocking or hand flapping, to self-regulate.
- n.* a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation
36. Tech billionaires often spend the majority of their time on _____.
- n.* the practice of voluntarily helping the poor, especially by giving money

ANSWERS: 30. epidemic, 31. Alzheimer's, 32. protective, 33. injury, 34. prevention, 35. stimming, 36. philanthropy

37. His _____ faculties were getting worse because of a lack of sleep.
adj. of or relating to mental processes of understanding
38. The doctor diagnosed him with a rare _____ that had no known cure.
n. a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
39. The _____ of human thought is diverse.
n. the range of one's perceptions, thoughts, or actions, or a subject that
40. Generally speaking, men have a shorter _____ than women.
n. the length of time for which a person, animal lives, or thing exists
41. My grandfather was diagnosed with _____ and had to undergo surgery to prevent further vision loss.
n. a group of eye disorders characterized by damage to the optic nerve, often associated with increased pressure within the eye; a leading cause of blindness
42. In just four years, the _____ has doubled.
n. the total number of people in a country, region, or location
43. The museum houses a _____ collection of Celtic artifacts.
adj. extremely interesting
44. _____ weight is the sum of all the atoms.
adj. of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
45. The _____ of crime has decreased in the neighborhood since the new security measures were put in place.
n. the frequency or rate at which a particular event or condition occurs within a specific population, group, or area; the occurrence or manifestation of something, especially something harmful or unpleasant

ANSWERS: 37. cognitive, 38. disease, 39. scope, 40. lifespan, 41. glaucoma, 42. population, 43. fascinating, 44. Molecular, 45. incidence

46. She experienced headaches and fatigue as symptoms of _____ withdrawal after quitting coffee.
- n.* a stimulant drug that is found in coffee, tea, and other beverages and that is used to increase alertness and improve mental and physical performance
47. The research institute allocated a lot of money to study the cause and prevention of _____.
- n.* (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics
48. I was amazed at the _____ of her generosity.
- n.* the point or degree or area to which something extends
49. The cords behind my computer were a _____ mess.
- n.* a confused mass of something twisted together
50. I love making _____ cranes during my free time.
- n.* the Japanese art or practice of folding paper into decorative shapes and figures
51. _____ hyperglycemia is a trigger for a variety of serious diseases.
- adj.* being long-lasting and recurrent or characterized by long suffering; habitual
52. In _____ private corporations provide healthcare services.
- n.* the act or process of adding something to something else; the process of adding numbers

ANSWERS: 46. caffeine, 47. influenza, 48. extent, 49. tangled, 50. origami, 51. Chronic, 52. addition,