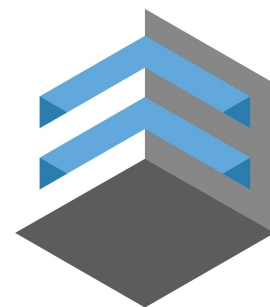


Englist.me



Vocabulary Builder Reference from...

Will Marshall: The mission to create a searchable database of Earth's surface | TED Talk

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

All Words

IMPORTANT

This material is a commentary and does not contain any copyrighted material of the reference source. We strongly recommend accessing/buying the reference source at the same time.

Session 1: Word List

announce

v. to make something known or officially inform people about something

synonym: disclose, declare, broadcast

(1) **announce** candidacy, (2) **announce** the award winners
The third season of the anime show has been **announced**.

planet

n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

synonym: earth, world, globe

(1) **planet** like the Earth, (2) save the **planet**
Mercury is the closest **planet** to the sun.

launch

v. to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time

synonym: start, initiate, begin

(1) **launch** a spaceship into orbit, (2) **launch** a big attack
The company is set to **launch** its new product line next month.

fleet

n. a group of military ships, aircraft, etc., operating together under the same ownership; (adjective) moving very fast

synonym : armada, flotilla, (adjective) speedy

(1) **fleet** of foot, (2) a **fleet** horse

We destroyed a **fleet** of 70 enemy ships.

satellite

n. an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.

synonym : orbiter, asteroid, moon

(1) a GPS **satellite**, (2) a meteorological **satellite**

Launching an artificial **satellite** contributed to the technological development of our country.

democracy

n. a form of government in which the people have the authority to deliberate and decide legislation, or to choose governing officials to do so

synonym : self-government, republic, commonwealth

(1) **democracy** advocate, (2) principles of **democracy**

Democracy often entails inclusive capitalism as well.

imagery

n. the use of words or pictures in books, photographs, paintings, etc., that produces pictures in the minds of people; the ability to form mental images of things or events

synonym : metaphors, symbolism, imaging

(1) visual **imagery**, (2) satellite **imagery**

This movie is famous for its romantic **imagery**.

typical

adj. having the usual characteristics or traits of a specific group of things

synonym : characteristic, usual, distinctive

(1) **typical** leader, (2) fairly **typical** symptoms

This artwork is **typical** of her work.

marble

n. a hard crystalline metamorphic rock that has a pattern of lines going through it and takes a high polish used for sculpture and as building material; a small ball made of stone, especially one used in children's games

synonym : stone, rock, sphere

(1) **marble** statues, (2) artificial **marble**

The floor was made of white and black **marble** arranged in a checkerboard pattern.

astronaut

n. a person trained by a space agency to travel outside the Earth's atmosphere

synonym : spaceman, cosmonaut

(1) **astronaut** mission, (2) **astronaut** in training

The shuttle **astronaut** trained for months before embarking on the space mission.

fragile

adj. delicate or easily broken or damaged

synonym : delicate, brittle, breakable

(1) politically **fragile** nation, (2) **fragile** ecosystem

The vase was made of **fragile** ceramic and easily broke when it was dropped.

accomplished

adj. having completed a task or achieved a goal successfully; skilled or proficient at something

synonym : achieved, finished, completed

(1) **accomplished** at a very early age, (2) **accomplished** goal

She felt **accomplished** after finishing her book.

rocket

n. a large tube-shaped object that moves very fast by a stream of gases let out behind it, used for space travel or as a weapon

synonym : projectile, missile

(1) **rocket** attack against the enemy, (2) **rocket** fuel

The **rocket** launch platform is visible from this hill.

animation

n. the technique of photographing successive drawings or positions of puppets or models to create an illusion of movement when the film is shown as a sequence; enthusiasm and energy in the way you look or behave

synonym : motion, movement, liveliness

(1) **animation** studio, (2) **animation** film

The **animation** of the characters in the movie was so realistic, and it was as if they were there.

orbit

n. the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity.

synonym : path, course, trajectory

(1) the **orbit** of the moon, (2) a planetary **orbit**

The rocket engine is used to put the satellite into **orbit**.

downlink

n. a communication link that is used to transmit data or signals from a satellite or space vehicle to a receiving station on Earth

synonym : receiving signal, transmission signal

(1) **downlink** speed, (2) digital **downlink**

The **downlink** from the satellite provided important data to the research team.

locate

v. to specify or determine the exact position of someone or something

synonym : discover, find, place

(1) **locate** a missing pet, (2) **locate** a tumor

The robot can accurately **locate** construction material.

stack

n. a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated

synonym : accumulation, heap, pile

(1) high **stack**, (2) a large **stack** of paper

The earthquake caused a **stack** of lumber to crumble noisily.

immense

adj. extremely large or great

synonym : enormous, giant, huge

(1) **immense** amount, (2) **immense** pressure

He left his wife an **immense** fortune.

agriculture

n. the practice or science of cultivating the land or raising stock

synonym : farming, husbandry, agribusiness

(1) organic **agriculture**, (2) intensive **agriculture**

Agriculture is the foundation of our economy.

improve

v. to make or become better

synonym : enhance, ameliorate, enrich

(1) **improve** a process, (2) **improve** the test score

We want to **improve** ties between our two countries.

crop

n. a plant that is cultivated in large amounts, particularly for food

synonym : output, produce, product

(1) **crop** field, (2) **crop** herbicide

Sow early for an early **crop**.

yield

n. the total output of crops, profits, etc. that are produced;
(verb) to produce or supply helpful something, such as a profit, an amount of food, or information

synonym : proceeds, harvest, output

(1) corn **yield**, (2) the **yield** on the bond

The company's stock gives a high **yield**.

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.

disaster

n. an unexpected event or series of events that cause widespread damage, destruction, or loss of life

synonym : catastrophe, calamity, tragedy

(1) global **disaster**, (2) **disaster** recovery

The **disaster** response team worked around the clock to aid those affected by the earthquake.

flood

n. a large amount of water flowing beyond its normal limits; an overwhelming number or amount

synonym : deluge, downpour, overflow

(1) **flood** advisory, (2) a **flood** of questions

These heavy rains caused flash **floods** on several islands.

earthquake

n. a sudden and violent shaking of the ground caused by the movement of rock beneath the earth's surface

synonym : seismic activity, tremor, temblor

(1) an **earthquake** zone, (2) an **earthquake-proof**

The violent **earthquake** caused widespread damage and injuries throughout the region.

deforest

v. to clear an area of forest or trees

synonym : clear-cut, strip, denude

(1) **deforest** a mountain, (2) **deforest** millions of acres

The company planned to **deforest** a large rainforest area to make way for a new plantation.

refugee

n. a displaced person who has crossed national borders and who cannot or is unwilling to return home due to political, religious, or economic reasons or because of a war

synonym : emigrant, evacuee, exile

(1) global **refugee** crisis, (2) the **refugee** camp

The community warmly welcomed the **refugees**.

flee

v. to leave by running away, especially out of fear or danger

synonym : exit, escape, run away

(1) **flee** their homes, (2) **flee** abroad

It is a basic instinct to **flee** from a dangerous situation.

ongoing

adj. continuing to exist or develop, or currently happening

synonym: continuous, current, proceeding

(1) still **ongoing**, (2) **ongoing** support

The new prime minister has vowed to take measures against the **ongoing** economic crisis.

crisis

n. a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken

synonym: concern, problem, emergency

(1) financial **crisis**, (2) **crisis** management

The Chinese word for **crisis** comprises two characters, one for danger and the other for opportunity.

up-to-date

adj. reflecting or incorporating the latest information, methods, or ideas; current; modern

synonym: modern, current, contemporary

(1) **up-to-date** technology, (2) **up-to-date** information

My computer software is **up-to-date** with the latest version.

dramatic

adj. very sudden, very excellent, or full of action and excitement

synonym: striking, theatrical, breathtaking

(1) make **dramatic** changes, (2) a **dramatic** rescue at sea

The statement had a **dramatic** impact on house prices.

lapse

n. a temporary or brief failure in judgment, action, or behavior; a gradual or slow decline, often referring to a loss of performance, quality, or attention; a period of time that has passed; (verb) to fall or slip into a particular state, often one that is undesirable or unintended

synonym: break, failure, blunder

(1) **lapse** back into recession, (2) **lapse** in payment

I missed the deadline due to a **lapse** in my memory.

dramatically

adv. in a very impressive manner

synonym : greatly, noticeably, suddenly

(1) he confessed **dramatically**, (2) the cabin pressure fell **dramatically**

Life expectancy has grown **dramatically** this century.

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.

journalist

n. a person who collects and writes news stories or articles for newspapers, magazines, radio, television, or other online media

synonym : reporter, newsperson, press

(1) a China-based **journalist**, (2) **journalist** on a magazine
Foreign TV crews and **journalists** can go as they please in various locations during the Olympics.

unbiased

adj. free from prejudice or favoritism; fair and impartial in judgment and decision-making

synonym : neutral, fair, impartial

(1) **unbiased** opinion, (2) **unbiased** review

The judge has a reputation for being fair and **unbiased** in his rulings.

nonprofit

adj. not established for commercial profit

synonym : charitable

(1) a **nonprofit** organization, (2) **nonprofit** agency

Our law firm also focuses on **nonprofit** activities.

database

n. a large amount of data stored in a computer system in such a way that it can be searched and updated easily

(1) **database** administrator, (2) employee **database**

Each country's officials can access the central **database**.

AI

n. (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation

synonym : robot, machine learning, neural network

(1) **AI** expert, (2) apply **AI** technology to art

The evolution of processors has dramatically improved the performance of **AI**.

intelligence

n. the ability to learn, comprehend, or make judgments or conclusions based on reasons

synonym : brains, brightness, cleverness

(1) an **intelligence** test, (2) field of artificial **intelligence**

In terms of **intelligence**, he was head and shoulders above his classmates.

sizable

adj. large in size or amount

synonym : large, significant, considerable

(1) **sizable** portion, (2) **sizable** audience

He has a **sizable** fortune and is one of the wealthiest people in the city.

prototype

n. a first or preliminary example of something such as a device or vehicle from which other forms are developed

synonym : mock-up, precursor, model

(1) complete a **prototype** product, (2) early **prototype**

The flying car is presently in the **prototype** stage.

graph

n. a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other

synonym : chart, diagram, figure

(1) **graph** theory, (2) a **graph** sample

This bar **graph** shows sales over the past five years.

vessel

n. a ship or large boat

synonym : boat, ship, craft

(1) blood **vessels**, (2) naval **vessels**

The **vessel** arrived in port the following day.

zoom

v. to move along very quickly; (noun) the act of rising upward into the air

synonym : move quickly, dive, buzz

(1) **zoom** in on a photo, (2) **zoom** lens

He **zoomed** back in time to the soccer game.

illegal

adj. not allowed by law

synonym : banned, prohibited, illicit

(1) **illegal** drugs, (2) child of **illegal** immigrants

The customs agents seized the **illegal** shipment.

transmit

v. to send or forward an electronic signal; to pass something from one person or thing to another

synonym : convey, share, dispatch

(1) **transmit** the disease, (2) **transmit** information

Parents often **transmit** their characteristics to their children.

beacon

n. a light or other visible object serving as a signal, guide, or warning

synonym : lighthouse, guidepost, marker

(1) an aerial **beacon**, (2) **beacon** of hope

The lighthouse served as a **beacon** to guide ships safely into port.

frequent

adj. happening constantly

synonym : periodic, recurring, routine

(1) **frequent** absence, (2) **frequent** use

His heartaches are less **frequent** now.

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.

digital

adj. processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

synonym : numerical, computerized, cyber

(1) a **digital** watch, (2) **digital** electronic signature

Sensors convert physical phenomena into **digital** signals.

sophisticated

adj. having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion

synonym : refined, cultured, worldly

(1) **sophisticated** look, (2) a **sophisticated** lifestyle

Marketing strategies are growing more **sophisticated**.

browse

v. to shop around in a leisurely and casual way; to look through a book, magazine, Internet, etc., casually and randomly, without seeking anything in particular; (of an animal) to feed on plants

synonym : look around, look through, scan

(1) **browse** a website, (2) **browse** through the text

We **browsed** in a souvenir shop.

ultimate

adj. furthest or highest in degree or order

synonym : highest, maximum, foremost

(1) the **ultimate** goal in life, (2) the **ultimate** luxury

Management must take **ultimate** responsibility for the accident.

abstract

adj. based on general ideas, feelings, or qualities and not on any a physical or concrete existence

synonym : conceptual, theoretical, ideational

(1) an **abstract** noun, (2) **abstract** science

The invention of the camera triggered the development of **abstract** painting.

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.

query

n. a question or inquiry, often used in the context of research, information-gathering, or data analysis; a request for information

synonym : question, inquiry, investigation

(1) **query** language, (2) **query** result

I had a **query** about my bank statement and called customer service for an explanation.

interface

n. (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things

synonym : junction, surface, UI

(1) **interface** between gas and liquid, (2) the user **interface**

Detergent weakens the surface tension at the **interface** of two liquids.

plot

n. a secret plan or scheme to achieve a specific goal; the plan or main story of a literary work; (verb) to plan secretly, usually something illegal

synonym : scheme, plan, design

(1) **plot** twist, (2) **plot** a revolution

The **plot** of the novel centers around a group of friends who uncover a conspiracy to control the world's water supply.

index

n. a list of items, such as names, subjects, or keywords, that is arranged in a particular order and is usually found at the end of a book or document; a number or symbol

that indicates the value or level of something, such as a stock index or a temperature index

synonym: list, directory, indicator

(1) a full-text **index**, (2) health **index**

The stock market **index** measures the performance of a group of stocks.

analogy

n. a comparison between similar things that have similar aspects, often used to help explain a principle or concept

synonym: metaphor, comparison, parallel

(1) draw **analogy**, (2) historical **analogy**

Some kinds of machine learning models show an **analogy** to how people learn.

Session 2: Spelling

- | | |
|--------------------------------|---|
| 1. im____e the test score | <i>v.</i> to make or become better |
| 2. complete a pr____pe product | <i>n.</i> a first or preliminary example of something such as a device or vehicle from which other forms are developed |
| 3. a di____l watch | <i>adj.</i> processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet |
| 4. early pr____pe | <i>n.</i> a first or preliminary example of something such as a device or vehicle from which other forms are developed |
| 5. a gr__h sample | <i>n.</i> a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other |
| 6. qu__y language | <i>n.</i> a question or inquiry, often used in the context of research, information-gathering, or data analysis; a request for information |
| 7. in____ly anticipated | <i>adv.</i> at the beginning; at first |
| 8. artificial ma____e | <i>n.</i> a hard crystalline metamorphic rock that has a pattern of lines going through it and takes a high polish used for sculpture and as building material; a small ball made of stone, especially one used in children's games |

ANSWERS: 1. improve, 2. prototype, 3. digital, 4. prototype, 5. graph, 6. query, 7. initially, 8. marble

9. in_____ce between gas and liquid *n.* (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things
10. as_____ut in training *n.* a person trained by a space agency to travel outside the Earth's atmosphere
11. tr_____it information *v.* to send or forward an electronic signal; to pass something from one person or thing to another
12. the re_____e camp *n.* a displaced person who has crossed national borders and who cannot or is unwilling to return home due to political, religious, or economic reasons or because of a war
13. digital do_____nk *n.* a communication link that is used to transmit data or signals from a satellite or space vehicle to a receiving station on Earth
14. la__e back into recession *n.* a temporary or brief failure in judgment, action, or behavior; a gradual or slow decline, often referring to a loss of performance, quality, or attention; a period of time that has passed; (verb) to fall or slip into a particular state, often one that is undesirable or unintended
15. fl__t of foot *n.* a group of military ships, aircraft, etc., operating together under the same ownership; (adjective) moving very fast
16. ab_____ct science *adj.* based on general ideas, feelings, or qualities and not on any a physical or concrete existence

ANSWERS: 9. interface, 10. astronaut, 11. transmit, 12. refugee, 13. downlink, 14. lapse, 15. fleet, 16. abstract

- | | |
|------------------------------|---|
| 17. be___n of hope | <i>n.</i> a light or other visible object serving as a signal, guide, or warning |
| 18. a fl__d of questions | <i>n.</i> a large amount of water flowing beyond its normal limits; an overwhelming number or amount |
| 19. fairly ty_____l symptoms | <i>adj.</i> having the usual characteristics or traits of a specific group of things |
| 20. im_____e pressure | <i>adj.</i> extremely large or great |
| 21. employee da_____se | <i>n.</i> a large amount of data stored in a computer system in such a way that it can be searched and updated easily |
| 22. fr_____nt use | <i>adj.</i> happening constantly |
| 23. historical an_____y | <i>n.</i> a comparison between similar things that have similar aspects, often used to help explain a principle or concept |
| 24. draw an_____y | <i>n.</i> a comparison between similar things that have similar aspects, often used to help explain a principle or concept |
| 25. il_____l drugs | <i>adj.</i> not allowed by law |
| 26. an ear_____ke-proof | <i>n.</i> a sudden and violent shaking of the ground caused by the movement of rock beneath the earth's surface |
| 27. da_____se administrator | <i>n.</i> a large amount of data stored in a computer system in such a way that it can be searched and updated easily |
| 28. blood ve___ls | <i>n.</i> a ship or large boat |
| 29. cr___s management | <i>n.</i> a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken |

ANSWERS: 17. beacon, 18. flood, 19. typical, 20. immense, 21. database, 22. frequent, 23. analogy, 24. analogy, 25. illegal, 26. earthquake, 27. database, 28. vessel, 29. crisis

30. he was en_____ly to blame *adv.* completely
31. financial cr_____s *n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
32. fr_____e ecosystem *adj.* delicate or easily broken or damaged
33. save the pl_____t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
34. z____m lens *v.* to move along very quickly; (noun) the act of rising upward into the air
35. an ab_____ct noun *adj.* based on general ideas, feelings, or qualities and not on any a physical or concrete existence
36. gr____h theory *n.* a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other
37. de_____cy advocate *n.* a form of government in which the people have the authority to deliberate and decide legislation, or to choose governing officials to do so
38. a dr_____ic rescue at sea *adj.* very sudden, very excellent, or full of action and excitement
39. the or____t of the moon *n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity.

ANSWERS: 30. entirely, 31. crisis, 32. fragile, 33. planet, 34. zoom, 35. abstract, 36. graph, 37. democracy, 38. dramatic, 39. orbit

40. ro___t fuel *n.* a large tube-shaped object that moves very first by a stream of gases let out behind it, used for space travel or as a weapon
41. la___h a big attack *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
42. p__t a revolution *n.* a secret plan or scheme to achieve a specific goal; the plan or main story of a literary work; (verb) to plan secretly, usually something illegal
43. naval ve___ls *n.* a ship or large boat
44. apply AI technology to art *n.* (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation
45. en____ly satisfied with the meal *adv.* completely
46. c__p field *n.* a plant that is cultivated in large amounts, particularly for food
47. lo___e a missing pet *v.* to specify or determine the exact position of someone or something
48. si____e portion *adj.* large in size or amount

ANSWERS: 40. rocket, 41. launch, 42. plot, 43. vessel, 44. AI, 45. entirely, 46. crop, 47. locate, 48. sizable

49. lo___e a tumor *v.* to specify or determine the exact position of someone or something
50. de____st a mountain *v.* to clear an area of forest or trees
51. diagnosed in_____ly as a tumor *adv.* at the beginning; at first
52. ma___e statues *n.* a hard crystalline metamorphic rock that has a pattern of lines going through it and takes a high polish used for sculpture and as building material; a small ball made of stone, especially one used in children's games
53. gov_____nt funding *n.* the group of people with authority to control a country or state
54. a planetary or__t *n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity.
55. intensive agr_____re *n.* the practice or science of cultivating the land or raising stock
56. the yi__d on the bond *n.* the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information
57. child of il_____l immigrants *adj.* not allowed by law
58. organic agr_____re *n.* the practice or science of cultivating the land or raising stock
59. gov_____nt bureaucracy *n.* the group of people with authority to control a country or state
60. a meteorological sa_____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.

ANSWERS: 49. locate, 50. deforest, 51. initially, 52. marble, 53. government, 54. orbit, 55. agriculture, 56. yield, 57. illegal, 58. agriculture, 59. government, 60. satellite

61. no_____it agency *adj.* not established for commercial profit
62. an_____ce the award winners *v.* to make something known or officially inform people about something
63. a sop_____ted lifestyle *adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion
64. si_____e audience *adj.* large in size or amount
65. do_____nk speed *n.* a communication link that is used to transmit data or signals from a satellite or space vehicle to a receiving station on Earth
66. fl___d advisory *n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount
67. di_____l electronic signature *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
68. fr_____nt absence *adj.* happening constantly
69. global di_____er *n.* an unexpected event or series of events that cause widespread damage, destruction, or loss of life
70. la___h a spaceship into orbit *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time

ANSWERS: 61. nonprofit, 62. announce, 63. sophisticated, 64. sizable, 65. downlink, 66. flood, 67. digital, 68. frequent, 69. disaster, 70. launch

71. an aerial be___n *n.* a light or other visible object serving as a signal, guide, or warning
72. 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
73. br___e a website *v.* to shop around in a leisurely and casual way; to look through a book, magazine, Internet, etc., casually and randomly, without seeking anything in particular; (of an animal) to feed on plants
74. c__p herbicide *n.* a plant that is cultivated in large amounts, particularly for food
75. an ear____ke zone *n.* a sudden and violent shaking of the ground caused by the movement of rock beneath the earth's surface
76. un____ed review *adj.* free from prejudice or favoritism; fair and impartial in judgment and decision-making
77. still on____g *adj.* continuing to exist or develop, or currently happening
78. im____e a process *v.* to make or become better
79. an____on film *n.* the technique of photographing successive drawings or positions of puppets or models to create an illusion of movement when the film is shown as a sequence; enthusiasm and energy in the way you look or behave
80. a GPS sa____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.

ANSWERS: 71. beacon, 72. integrate, 73. browse, 74. crop, 75. earthquake, 76. unbiased, 77. ongoing, 78. improve, 79. animation, 80. satellite

81. f__e their homes *v.* to leave by running away, especially out of fear or danger
82. make dr____ic changes *adj.* very sudden, very excellent, or full of action and excitement
83. high st__k *n.* a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated
84. the user in_____ce *n.* (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things
85. satellite im____y *n.* the use of words or pictures in books, photographs, paintings, etc., that produces pictures in the minds of people; the ability to form mental images of things or events
86. the cabin pressure fell dra_____lly *adv.* in a very impressive manner
87. he confessed dra_____lly *adv.* in a very impressive manner
88. principles of de_____cy *n.* a form of government in which the people have the authority to deliberate and decide legislation, or to choose governing officials to do so
89. a no_____it organization *adj.* not established for commercial profit
90. sop_____ted look *adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion

ANSWERS: 81. flee, 82. dramatic, 83. stack, 84. interface, 85. imagery, 86. dramatically, 87. dramatically, 88. democracy, 89. nonprofit, 90. sophisticated

91. a large st__k of paper *n.* a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated
92. br___e through the text *v.* to shop around in a leisurely and casual way; to look through a book, magazine, Internet, etc., casually and randomly, without seeking anything in particular; (of an animal) to feed on plants
93. un_____ed opinion *adj.* free from prejudice or favoritism; fair and impartial in judgment and decision-making
94. z__m in on a photo *v.* to move along very quickly; (noun) the act of rising upward into the air
95. politically fr_____e nation *adj.* delicate or easily broken or damaged
96. the ul_____te luxury *adj.* furthest or highest in degree or order
97. the ul_____te goal in life *adj.* furthest or highest in degree or order
98. an_____ce candidacy *v.* to make something known or officially inform people about something
99. de_____st millions of acres *v.* to clear an area of forest or trees
100. p__t twist *n.* a secret plan or scheme to achieve a specific goal; the plan or main story of a literary work; (verb) to plan secretly, usually something illegal
101. tr_____it the disease *v.* to send or forward an electronic signal; to pass something from one person or thing to another

ANSWERS: 91. stack, 92. browse, 93. unbiased, 94. zoom, 95. fragile, 96. ultimate, 97. ultimate, 98. announce, 99. deforest, 100. plot, 101. transmit

102. im_____e amount *adj.* extremely large or great
103. pl____t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
104. acc_____hed goal *adj.* having completed a task or achieved a goal successfully; skilled or proficient at something
105. up-_____te technology *adj.* reflecting or incorporating the latest information, methods, or ideas; current; modern
106. 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
107. qu__y result *n.* a question or inquiry, often used in the context of research, information-gathering, or data analysis; a request for information
108. a full-text in__x *n.* a list of items, such as names, subjects, or keywords, that is arranged in a particular order and is usually found at the end of a book or document; a number or symbol that indicates the value or level of something, such as a stock index or a temperature index
109. di_____er recovery *n.* an unexpected event or series of events that cause widespread damage, destruction, or loss of life

ANSWERS: 102. immense, 103. planet, 104. accomplished, 105. up-to-date, 106. integrate, 107. query, 108. index, 109. disaster

110. health in__x *n.* a list of items, such as names, subjects, or keywords, that is arranged in a particular order and is usually found at the end of a book or document; a number or symbol that indicates the value or level of something, such as a stock index or a temperature index
111. jou_____st on a magazine *n.* a person who collects and writes news stories or articles for newspapers, magazines, radio, television, or other online media
112. ty_____l leader *adj.* having the usual characteristics or traits of a specific group of things
113. acc_____hed at a very early age *adj.* having completed a task or achieved a goal successfully; skilled or proficient at something
114. an_____on studio *n.* the technique of photographing successive drawings or positions of puppets or models to create an illusion of movement when the film is shown as a sequence; enthusiasm and energy in the way you look or behave
115. f__e abroad *v.* to leave by running away, especially out of fear or danger
116. la__e in payment *n.* a temporary or brief failure in judgment, action, or behavior; a gradual or slow decline, often referring to a loss of performance, quality, or attention; a period of time that has passed; (verb) to fall or slip into a particular state, often one that is undesirable or unintended

ANSWERS: 110. index, 111. journalist, 112. typical, 113. accomplished, 114. animation, 115. flee, 116. lapse

117. a China-based jou_____st *n.* a person who collects and writes news stories or articles for newspapers, magazines, radio, television, or other online media
118. up-_____te information *adj.* reflecting or incorporating the latest information, methods, or ideas; current; modern
119. a fl__t horse *n.* a group of military ships, aircraft, etc., operating together under the same ownership; (adjective) moving very fast
120. as_____ut mission *n.* a person trained by a space agency to travel outside the Earth's atmosphere
121. corn yi__d *n.* the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information
122. an int_____nce test *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
123. on_____g support *adj.* continuing to exist or develop, or currently happening
124. visual im_____y *n.* the use of words or pictures in books, photographs, paintings, etc., that produces pictures in the minds of people; the ability to form mental images of things or events
125. field of artificial int_____nce *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons

ANSWERS: 117. journalist, 118. up-to-date, 119. fleet, 120. astronaut, 121. yield, 122. intelligence, 123. ongoing, 124. imagery, 125. intelligence

126. global re____e crisis *n.* a displaced person who has crossed national borders and who cannot or is unwilling to return home due to political, religious, or economic reasons or because of a war
127. AI expert *n.* (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation
128. ro____t attack against the enemy *n.* a large tube-shaped object that moves very fast by a stream of gases let out behind it, used for space travel or as a weapon

ANSWERS: 126. refugee, 127. AI, 128. rocket

Session 3: Fill in the Blanks

1. These heavy rains caused flash _____ on several islands.
n. a large amount of water flowing beyond its normal limits; an overwhelming number or amount
2. Management must take _____ responsibility for the accident.
adj. furthest or highest in degree or order
3. My computer software is _____ with the latest version.
adj. reflecting or incorporating the latest information, methods, or ideas; current; modern
4. Detergent weakens the surface tension at the _____ of two liquids.
n. (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things
5. Later, his claim was found to be _____ false.
adv. completely
6. He has a _____ fortune and is one of the wealthiest people in the city.
adj. large in size or amount
7. We _____ in a souvenir shop.
v. to shop around in a leisurely and casual way; to look through a book, magazine, Internet, etc., casually and randomly, without seeking anything in particular; (of an animal) to feed on plants

ANSWERS: 1. floods, 2. ultimate, 3. up-to-date, 4. interface, 5. entirely, 6. sizable, 7. browsed

8. The evolution of processors has dramatically improved the performance of ____.
- n.* (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation
9. The _____ of the characters in the movie was so realistic, and it was as if they were there.
- n.* the technique of photographing successive drawings or positions of puppets or models to create an illusion of movement when the film is shown as a sequence; enthusiasm and energy in the way you look or behave
10. The company is set to _____ its new product line next month.
- v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
11. She felt _____ after finishing her book.
- adj.* having completed a task or achieved a goal successfully; skilled or proficient at something
12. The customs agents seized the _____ shipment.
- adj.* not allowed by law
13. The violent _____ caused widespread damage and injuries throughout the region.
- n.* a sudden and violent shaking of the ground caused by the movement of rock beneath the earth's surface
14. Some kinds of machine learning models show an _____ to how people learn.
- n.* a comparison between similar things that have similar aspects, often used to help explain a principle or concept

ANSWERS: 8. AI, 9. animation, 10. launch, 11. accomplished, 12. illegal, 13. earthquake, 14. analogy

15. The _____ arrived in port the following day.
n. a ship or large boat
16. The _____ of the novel centers around a group of friends who uncover a conspiracy to control the world's water supply.
n. a secret plan or scheme to achieve a specific goal; the plan or main story of a literary work; (verb) to plan secretly, usually something illegal
17. Each country's officials can access the central _____.
n. a large amount of data stored in a computer system in such a way that it can be searched and updated easily
18. The floor was made of white and black _____ arranged in a checkerboard pattern.
n. a hard crystalline metamorphic rock that has a pattern of lines going through it and takes a high polish used for sculpture and as building material; a small ball made of stone, especially one used in children's games
19. The statement had a _____ impact on house prices.
adj. very sudden, very excellent, or full of action and excitement
20. He _____ back in time to the soccer game.
v. to move along very quickly; (noun) the act of rising upward into the air
21. The company's stock gives a high _____.
n. the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information
22. Parents often _____ their characteristics to their children.
v. to send or forward an electronic signal; to pass something from one person or thing to another

ANSWERS: 15. vessel, 16. plot, 17. database, 18. marble, 19. dramatic, 20. zoomed, 21. yield, 22. transmit

23. The company planned to _____ a large rainforest area to make way for a new plantation.
- v.* to clear an area of forest or trees
24. I had a _____ about my bank statement and called customer service for an explanation.
- n.* a question or inquiry, often used in the context of research, information-gathering, or data analysis; a request for information
25. He left his wife an _____ fortune.
- adj.* extremely large or great
26. Foreign TV crews and _____ can go as they please in various locations during the Olympics.
- n.* a person who collects and writes news stories or articles for newspapers, magazines, radio, television, or other online media
27. It is a basic instinct to _____ from a dangerous situation.
- v.* to leave by running away, especially out of fear or danger
28. The new prime minister has vowed to take measures against the _____ economic crisis.
- adj.* continuing to exist or develop, or currently happening
29. I missed the deadline due to a _____ in my memory.
- n.* a temporary or brief failure in judgment, action, or behavior; a gradual or slow decline, often referring to a loss of performance, quality, or attention; a period of time that has passed; (verb) to fall or slip into a particular state, often one that is undesirable or unintended

ANSWERS: 23. deforest, 24. query, 25. immense, 26. journalists, 27. flee, 28. ongoing, 29. lapse

30. 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
31. The flying car is presently in the _____ stage.
n. a first or preliminary example of something such as a device or vehicle from which other forms are developed
32. The stock market _____ measures the performance of a group of stocks.
n. a list of items, such as names, subjects, or keywords, that is arranged in a particular order and is usually found at the end of a book or document; a number or symbol that indicates the value or level of something, such as a stock index or a temperature index
33. This train departed later than _____ scheduled.
adv. at the beginning; at first
34. Life expectancy has grown _____ this century.
adv. in a very impressive manner
35. 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
36. The shuttle _____ trained for months before embarking on the space mission.
n. a person trained by a space agency to travel outside the Earth's atmosphere
37. The earthquake caused a _____ of lumber to crumble noisily.
n. a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated

ANSWERS: 30. government, 31. prototype, 32. index, 33. initially, 34. dramatically, 35. integrate, 36. astronaut, 37. stack

38. The community warmly welcomed the _____.
- n.* a displaced person who has crossed national borders and who cannot or is unwilling to return home due to political, religious, or economic reasons or because of a war
39. Launching an artificial _____ contributed to the technological development of our country.
- n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
40. Sow early for an early _____.
- n.* a plant that is cultivated in large amounts, particularly for food
41. Marketing strategies are growing more _____.
- adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion
42. _____ often entails inclusive capitalism as well.
- n.* a form of government in which the people have the authority to deliberate and decide legislation, or to choose governing officials to do so
43. The Chinese word for _____ comprises two characters, one for danger and the other for opportunity.
- n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
44. Mercury is the closest _____ to the sun.
- n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

ANSWERS: 38. refugees, 39. satellite, 40. crop, 41. sophisticated, 42. Democracy, 43. crisis, 44. planet

45. We want to _____ ties between our two countries.

v. to make or become better

46. The rocket engine is used to put the satellite into _____.

n. the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity.

47. The lighthouse served as a _____ to guide ships safely into port.

n. a light or other visible object serving as a signal, guide, or warning

48. Our law firm also focuses on _____ activities.

adj. not established for commercial profit

49. The judge has a reputation for being fair and _____ in his rulings.

adj. free from prejudice or favoritism; fair and impartial in judgment and decision-making

50. The _____ launch platform is visible from this hill.

n. a large tube-shaped object that moves very fast by a stream of gases let out behind it, used for space travel or as a weapon

51. The third season of the anime show has been _____.

v. to make something known or officially inform people about something

52. The invention of the camera triggered the development of _____ painting.

adj. based on general ideas, feelings, or qualities and not on any a physical or concrete existence

53. This artwork is _____ of her work.

adj. having the usual characteristics or traits of a specific group of things

ANSWERS: 45. improve, 46. orbit, 47. beacon, 48. nonprofit, 49. unbiased, 50. rocket, 51. announced, 52. abstract, 53. typical

54. In terms of _____ he was head and shoulders above his classmates.

n. the ability to learn, comprehend, or make judgments or conclusions based on reasons

55. This movie is famous for its romantic _____.

n. the use of words or pictures in books, photographs, paintings, etc., that produces pictures in the minds of people; the ability to form mental images of things or events

56. His heartaches are less _____ now.

adj. happening constantly

57. _____ is the foundation of our economy.

n. the practice or science of cultivating the land or raising stock

58. We destroyed a _____ of 70 enemy ships.

n. a group of military ships, aircraft, etc., operating together under the same ownership; (adjective) moving very fast

59. The vase was made of _____ ceramic and easily broke when it was dropped.

adj. delicate or easily broken or damaged

60. The _____ from the satellite provided important data to the research team.

n. a communication link that is used to transmit data or signals from a satellite or space vehicle to a receiving station on Earth

61. Sensors convert physical phenomena into _____ signals.

adj. processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

ANSWERS: 54. intelligence, 55. imagery, 56. frequent, 57. Agriculture, 58. fleet, 59. fragile, 60. downlink, 61. digital

62. The _____ response team worked around the clock to aid those affected by the earthquake.

n. an unexpected event or series of events that cause widespread damage, destruction, or loss of life

63. The robot can accurately _____ construction material.

v. to specify or determine the exact position of someone or something

64. This bar _____ shows sales over the past five years.

n. a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other

ANSWERS: 62. disaster, 63. locate, 64. graph