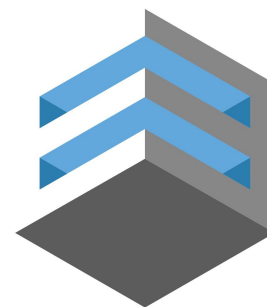


Englist.me



Vocabulary Builder Reference from...

James Irungu Mwangi: Africa's great carbon valley -- and how to end energy poverty | TED Talk

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

Advanced Words Only

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

morbid

adj. characterized by a preoccupation with death or unhealthy topics or behaviors; gruesome or disturbing

synonym: unhealthy, sickly, gruesome

(1) **morbid** fascination, (2) **morbid** joke

The decayed and **morbid** atmosphere of the abandoned house scared her.

rift

n. a break or fissure in a relationship, organization, or physical structure; a large crack in the ground, rock, or other surfaces

synonym: split, break, gap

(1) **rift** between friends, (2) geological **rift**

Their disagreement caused a **rift** in their friendship.

catastrophe

n. a sudden event that causes extreme ruin and misfortune

synonym: disaster, calamity, cataclysm

(1) **catastrophe** risk management, (2) avoid climate **catastrophe**

The lack of funds has resulted in a **catastrophe** for our university system.

drastic

adj. radical and extreme; likely to have a significant or far-reaching impact

synonym: extreme, fierce, radical

(1) **drastic** measures, (2) make **drastic** revision

The global community is undergoing **drastic** changes at present.

halve

v. to divide something into two equal parts; to reduce something by half its original amount or size

synonym: reduce by half, cut in half, split

(1) **halve** the price, (2) **halve** the workload

I need to **halve** the recipe to make just enough for two people.

emit

v. to give off or send out something such as light, heat, sound, gas, etc.

synonym: give off, radiate, expel

(1) **emit** a gamma ray, (2) **emit** air pollution

During the unloading, the container box **emits** a clicking sound.

airbag

n. a safety device designed to inflate rapidly in the event of a collision, protecting the occupants of a vehicle and reducing the risk of injury or death

synonym: air cushion, safety bag, crash bag

(1) defective **airbag**, (2) **airbag** deployment

The **airbag** system in the car saved the driver's life in a severe crash.

ram

v. to strike or push forcefully, often to cause damage; to batter or break open a door or barrier using brute force

synonym: crash, collide, slam

(1) **ram** the door open, (2) **ram** into the ice

The car **rammed** into the wall, causing significant damage.

industrious

adj. hardworking, diligent, and persistent in effort

synonym: diligent, hardworking, assiduous

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

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

reforestation

n. the process of replanting or regenerating forests, typically after they have been cut down or destroyed by natural disasters

synonym: afforestation

(1) **reforestation** project, (2) **reforestation** policy

Reforestation efforts are necessary to combat deforestation and its negative environmental impact.

biochar

n. a material produced by heating organic matter under low-oxygen conditions often used as a fertilizer or soil amendment

synonym: biocharcoal, charcoal

(1) **biochar** carbon, (2) **biochar** soil amendment

Biochar production can be a way to manage organic waste while also generating renewable energy.

moreover

adv. indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before

synonym: furthermore, besides, in addition

(1) **moreover**, she decided to go, (2) but **moreover**, they work well together

The company is environmentally conscious, and **moreover**, it uses sustainable materials in its products.

wildfire

n. a large, uncontrolled fire that spreads quickly through a natural area such as a forest, grassland, or mountain slope

synonym: blaze, bonfire, flame

(1) **wildfire** spread, (2) arson-caused **wildfire**

The **wildfire** destroyed hundreds of homes and forced thousands of people to evacuate.

amplify

v. to enhance something, particularly sound or brightness

synonym: intensify, boost, argument

(1) **amplify** a signal, (2) **amplify** the effect

You might need to **amplify** this point.

sequester

v. to take temporary possession of someone's property until a debt is paid.

synonym: isolate, set apart, segregate

(1) **sequester** ten percent of the annual carbon emissions,

(2) **sequester** myself from the world

He approved their requests to **sequester** the jury.

inaugurate

v. to formally begin or initiate something, particularly a new project, organization, government, or system, often through an official ceremony

synonym: initiate, launch, commence

(1) **inaugurate** an enterprise, (2) **inaugurate** a new policy

The president will **inaugurate** the new embassy building next week.

geothermal

adj. relating to or produced by the internal heat of the earth; often used to refer to energy produced by tapping into the natural heat of the earth

synonym: underground, thermal, subterranean

(1) **geothermal** activity, (2) **geothermal** drilling

The town is exploring using **geothermal** energy to power its homes and buildings.

dissolve

v. to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss

synonym: disband, disappear, liquefy

(1) **dissolve** the sugar, (2) officially **dissolved** the marriage

The political party **dissolved** after much internal fighting.

inject

v. to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

synonym : shoot, infiltrate, insinuate

(1) **inject** under the skin, (2) **inject** a personal opinion into a debate

Let's try to **inject** a bit of enthusiasm into your performance.

porous

adj. having many small holes and being able to absorb or pass through fluids

synonym : permeable, spongy, absorbent

(1) **porous** materials, (2) **porous** membrane

Our unfenced and largely unpoliced border inevitably has been very **porous** for insurgents.

basalt

n. a dark, fine-grained volcanic rock that forms from the solidification of lava

synonym : volcanic rock, lava, igneous rock

(1) **basalt** rock, (2) **basalt** glass

The hiking trail was lined with towering **basalt** columns.

entail

v. to involve or require something as necessary, particularly as a consequence of a particular situation or action; to impose a burden or restriction on something

synonym : involve, necessitate, require

(1) **entail** legal consequences, (2) **entail** risks

The job offer **entails** a lot of responsibility and hard work.

electrify

v. to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

synonym : wire, amaze, astonish

(1) **electrify** the audience, (2) **electrify** a manufacturing process

The product developed through years of research continues to **electrify** the market.

curtail

v. to reduce or restrict something; to shorten or truncate; to cut short or bring to an abrupt end

synonym : restrict, limit, cut back

(1) **curtail** spending, (2) **curtail** freedom

Due to budget constraints, the company had to **curtail** its marketing campaign for the new product.

displace

v. to force someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation

synonym: evict, exile, remove

(1) **displace** workers, (2) **displace** the explosive power

The construction of the new dam will **displace** hundreds of families living downstream.

retiring

adj. withdrawing from a position or activity, or becoming more secluded or reserved

synonym: shy, leaving, quitting

(1) near **retiring** age, (2) a **retiring** pension

The **retiring** CEO passed on the reins to his successor.

urgently

adv. in a way that requires immediate action or attention, especially before anything else, because of being very important

synonym: promptly, immediately, swiftly

(1) tackle the problem **urgently**, (2) **urgently** required

I need to send this email **urgently**.

geophysical

adj. relating to the physical characteristics and processes of the Earth and its surrounding atmospheres, such as geology, meteorology, and oceanography

synonym: geologic, earth science, seismic

(1) **geophysical** exploration, (2) **geophysical** data

Geophysical surveys study the physical characteristics of the Earth's surface and subsurface.

proximate

adj. very near or close, either in space or time; immediately preceding or following something

synonym: immediate, closest, nearest

(1) **proximate** region, (2) **proximate** location

The **proximate** cause of the accident was the driver texting on their phone.

zebra

n. a wild, horse-like mammal native to Africa with distinctive black-and-white stripes

synonym: striped horse, wild horse

(1) **zebra** pattern, (2) **zebra** crossing

The **zebra's** distinctive black and white stripes help it blend into its surroundings in the wild.

graze

v. to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping

synonym: nibble, feed, scrape

(1) turn cattle out to **graze**, (2) **graze** the left shoulder

The sheep **graze** on the green grass in the meadow.

sneeze

v. to make a sudden, involuntary expulsion of air from the nose and mouth, usually due to irritation caused by the presence of dust, pollen, or other irritants

synonym: exhale, whiff, blow

(1) **sneeze** into my hand, (2) **sneeze** loudly

Whenever I get a cold, I tend to **sneeze** a lot.

endow

v. to give a quality, ability, or asset to a person or institution

synonym: finance, subsidize, support

(1) **endow** him with the power, (2) **endow** the scholarship

Some people believe that human is **endowed** with reason and capable of distinguishing good from evil.

equator

n. an line of latitude that separates Earth's northern and southern hemispheres and has a radius of around 40,075 kilometers (24,901 miles)

(1) south of the **equator**, (2) above the **equator**

Ecuador is on the **equator**.

paradox

n. a statement, situation, or person that has two opposite facts or features and therefore seems impossible, is difficult to understand, or is strange;

synonym: incongruity, dichotomy, contradiction

(1) French **paradox**, (2) the **paradox** of the heap

There are many theories to explain this **paradox**.

bounty

n. a reward offered for capturing or killing someone or for accomplishing a specific task

synonym: reward, premium, recompense

(1) cash **bounty**, (2) a **bounty** on exports

The **bounty** hunter was hired to capture the notorious criminal and bring him to justice.

opportune

adj. suitable or happening at a time that is suitable or convenient for a particular purpose

synonym: suitable, timely, practical

(1) **opportune** occasion, (2) an **opportune** remark

The phone rang at the most **opportune** time.

trade-off

n. a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise

synonym: compromise, balance, exchange

(1) **trade-off** problem, (2) environmental **trade-off**

There was a **trade-off** between speed and accuracy in the task.

innovate

v. to introduce new methods, ideas, or products

synonym: bring in, introduce, found

(1) **innovate** a new method, (2) **innovate** the quality of his life

Companies developing self-driving cars consistently **innovate** the emerging technologies.

capita

n. a Latin word meaning "head," used to express the amount for each person; any head or headlike

expansion on a structure, as on a bone

synonym: head, headcount, person

(1) per **capita** sales, (2) the agricultural yield per **capita**
GDP per **capita** shrunk by almost 10 percent for the third consecutive year.

avert

v. to prevent something dangerous or undesirable from happening

synonym: discourage, prevent, deter

(1) **avert** disaster, (2) **avert** a strike

The dam systematically releases large amounts of water to **avert** flooding during the rainy season

peatland

n. an area covered with peat (= a partially decayed organic matter formed from plants)

synonym: bog, marsh, moor

(1) **peatland** ecosystem, (2) **peatland** bog

The preservation of **peatlands** is crucial in mitigating climate change, as they help regulate the Earth's temperature and reduce atmospheric carbon dioxide.

grassland

n. a large area of land covered mainly by grass, with few or no trees, and typically used for grazing livestock

synonym: meadow, plain, savanna

(1) endangered **grassland**, (2) vast **grassland**

Meadows and pastures are examples of smaller-scale **grasslands** in many parts of the world.

smallholding

n. a small farm or estate that the owner or family typically works; often used to describe a farm that is smaller than a standard agricultural unit

synonym: small farm, homestead, mini ranch

(1) **smallholding** farm, (2) **smallholding** agriculture

The farmer's **smallholding** was enough to grow and sell vegetables for their family at the local market.

hapless

adj. having no luck; unfortunate

synonym: unfortunate, unlucky, pitiable

(1) her **hapless** fate, (2) **hapless** situation

The **hapless** victim had no way to defend themselves.

helpless

adj. unable to take care of oneself or to do things without help

synonym: defenseless, powerless, susceptible

(1) **helpless** baby, (2) **helpless** victims

I feel so **helpless** without you.

vanguard

n. the leading or forefront position in a movement, campaign, or trend; a person or group that is at the forefront of something new or innovative

synonym: forefront, avant-garde, cutting edge

(1) intellectual **vanguard**, (2) artistic **vanguard**

The company is at the **vanguard** of technological innovation in its industry.

Session 2: Spelling

- | | |
|---------------------------------|--|
| 1. ind_____us student | <i>adj.</i> hardworking, diligent, and persistent in effort |
| 2. el_____fy the audience | <i>v.</i> to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something |
| 3. he_____ss baby | <i>adj.</i> unable to take care of oneself or to do things without help |
| 4. artistic va_____rd | <i>n.</i> the leading or forefront position in a movement, campaign, or trend; a person or group that is at the forefront of something new or innovative |
| 5. sma_____ing farm | <i>n.</i> a small farm or estate that the owner or family typically works; often used to describe a farm that is smaller than a standard agricultural unit |
| 6. av__t a strike | <i>v.</i> to prevent something dangerous or undesirable from happening |
| 7. tackle the problem ur_____ly | <i>adv.</i> in a way that requires immediate action or attention, especially before anything else, because of being very important |
| 8. south of the eq_____r | <i>n.</i> an line of latitude that separates Earth's northern and southern hemispheres and has a radius of around 40,075 kilometers (24,901 miles) |
| 9. a re_____ng pension | <i>adj.</i> withdrawing from a position or activity, or becoming more secluded or reserved |

ANSWERS: 1. industrious, 2. electrify, 3. helpless, 4. vanguard, 5. smallholding, 6. avert, 7. urgently, 8. equator, 9. retiring

- | | |
|-----------------------------------|---|
| 10. environmental tr_____ff | <i>n.</i> a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise |
| 11. en__w the scholarship | <i>v.</i> to give a quality, ability, or asset to a person or institution |
| 12. avoid climate cat_____he | <i>n.</i> a sudden event that causes extreme ruin and misfortune |
| 13. geo_____al activity | <i>adj.</i> relating to or produced by the internal heat of the earth; often used to refer to energy produced by tapping into the natural heat of the earth |
| 14. cash bo____y | <i>n.</i> a reward offered for capturing or killing someone or for accomplishing a specific task |
| 15. in____t under the skin | <i>v.</i> to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube) |
| 16. op_____ne occasion | <i>adj.</i> suitable or happening at a time that is suitable or convenient for a particular purpose |
| 17. ind_____us worker | <i>adj.</i> hardworking, diligent, and persistent in effort |
| 18. di_____ce the explosive power | <i>v.</i> to force someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation |
| 19. cu_____l spending | <i>v.</i> to reduce or restrict something; to shorten or truncate; to cut short or bring to an abrupt end |

ANSWERS: 10. trade-off, 11. endow, 12. catastrophe, 13. geothermal, 14. bounty, 15. inject, 16. opportune, 17. industrious, 18. displace, 19. curtail

20. se_____er ten percent of the annual carbon emissions	<i>v.</i> to take temporary possession of someone's property until a debt is paid.
21. dr_____c measures	<i>adj.</i> radical and extreme; likely to have a significant or far-reaching impact
22. pe_____nd ecosystem	<i>n.</i> an area covered with peat (= a partially decayed organic matter formed from plants)
23. pe_____nd bog	<i>n.</i> an area covered with peat (= a partially decayed organic matter formed from plants)
24. vast gr_____nd	<i>n.</i> a large area of land covered mainly by grass, with few or no trees, and typically used for grazing livestock
25. en__w him with the power	<i>v.</i> to give a quality, ability, or asset to a person or institution
26. se_____er myself from the world	<i>v.</i> to take temporary possession of someone's property until a debt is paid.
27. sn___e into my hand	<i>v.</i> to make a sudden, involuntary expulsion of air from the nose and mouth, usually due to irritation caused by the presence of dust, pollen, or other irritants
28. officially di_____ved the marriage	<i>v.</i> to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
29. French pa_____x	<i>n.</i> a statement, situation, or person that has two opposite facts or features and therefore seems impossible, is difficult to understand, or is strange;

ANSWERS: 20. sequester, 21. drastic, 22. peatland, 23. peatland, 24. grassland, 25. endow, 26. sequester, 27. sneeze, 28. dissolve, 29. paradox

- | | |
|--------------------------------|---|
| 30. bi____r soil amendment | <i>n.</i> a material produced by heating organic matter under low-oxygen conditions often used as a fertilizer or soil amendment |
| 31. ha__e the price | <i>v.</i> to divide something into two equal parts; to reduce something by half its original amount or size |
| 32. sn____e loudly | <i>v.</i> to make a sudden, involuntary expulsion of air from the nose and mouth, usually due to irritation caused by the presence of dust, pollen, or other irritants |
| 33. en____l risks | <i>v.</i> to involve or require something as necessary, particularly as a consequence of a particular situation or action; to impose a burden or restriction on something |
| 34. en____l legal consequences | <i>v.</i> to involve or require something as necessary, particularly as a consequence of a particular situation or action; to impose a burden or restriction on something |
| 35. r_m into the ice | <i>v.</i> to strike or push forcefully, often to cause damage; to batter or break open a door or barrier using brute force |
| 36. in____te a new method | <i>v.</i> to introduce new methods, ideas, or products |
| 37. ref_____ion policy | <i>n.</i> the process of replanting or regenerating forests, typically after they have been cut down or destroyed by natural disasters |

ANSWERS: 30. biochar, 31. halve, 32. sneeze, 33. entail, 34. entail, 35. ram, 36. innovate, 37. reforestation

- | | |
|---|---|
| 38. geological r__t | <i>n.</i> a break or fissure in a relationship, organization, or physical structure; a large crack in the ground, rock, or other surfaces |
| 39. cu____l freedom | <i>v.</i> to reduce or restrict something; to shorten or truncate; to cut short or bring to an abrupt end |
| 40. ze__a crossing | <i>n.</i> a wild, horse-like mammal native to Africa with distinctive black-and-white stripes |
| 41. r__t between friends | <i>n.</i> a break or fissure in a relationship, organization, or physical structure; a large crack in the ground, rock, or other surfaces |
| 42. in___t a personal opinion into a debate | <i>v.</i> to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube) |
| 43. ina_____te a new policy | <i>v.</i> to formally begin or initiate something, particularly a new project, organization, government, or system, often through an official ceremony |
| 44. per ca___a sales | <i>n.</i> a Latin word meaning "head," used to express the amount for each person; any head or headlike expansion on a structure, as on a bone |
| 45. geo_____al drilling | <i>adj.</i> relating to or produced by the internal heat of the earth; often used to refer to energy produced by tapping into the natural heat of the earth |

ANSWERS: 38. rift, 39. curtail, 40. zebra, 41. rift, 42. inject, 43. inaugurate, 44. capita, 45. geothermal

- | | |
|-------------------------------|---|
| 46. gr__e the left shoulder | <i>v.</i> to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping |
| 47. above the eq____r | <i>n.</i> an line of latitude that separates Earth's northern and southern hemispheres and has a radius of around 40,075 kilometers (24,901 miles) |
| 48. di____ve the sugar | <i>v.</i> to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss |
| 49. di____ce workers | <i>v.</i> to force someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation |
| 50. am____y the effect | <i>v.</i> to enhance something, particularly sound or brightness |
| 51. mo____d fascination | <i>adj.</i> characterized by a preoccupation with death or unhealthy topics or behaviors; gruesome or disturbing |
| 52. cat____he risk management | <i>n.</i> a sudden event that causes extreme ruin and misfortune |
| 53. geo____al exploration | <i>adj.</i> relating to the physical characteristics and processes of the Earth and its surrounding atmospheres, such as geology, meteorology, and oceanography |
| 54. mo____d joke | <i>adj.</i> characterized by a preoccupation with death or unhealthy topics or behaviors; gruesome or disturbing |

ANSWERS: 46. graze, 47. equator, 48. dissolve, 49. displace, 50. amplify, 51. morbid, 52. catastrophe, 53. geophysical, 54. morbid

- | | |
|--|---|
| 55. ai___g deployment | <i>n.</i> a safety device designed to inflate rapidly in the event of a collision, protecting the occupants of a vehicle and reducing the risk of injury or death |
| 56. intellectual va_____rd | <i>n.</i> the leading or forefront position in a movement, campaign, or trend; a person or group that is at the forefront of something new or innovative |
| 57. ze__a pattern | <i>n.</i> a wild, horse-like mammal native to Africa with distinctive black-and-white stripes |
| 58. a bo___y on exports | <i>n.</i> a reward offered for capturing or killing someone or for accomplishing a specific task |
| 59. the agricultural yield per ca___a | <i>n.</i> a Latin word meaning "head," used to express the amount for each person; any head or headlike expansion on a structure, as on a bone |
| 60. the pa_____x of the heap | <i>n.</i> a statement, situation, or person that has two opposite facts or features and therefore seems impossible, is difficult to understand, or is strange; |
| 61. but mo_____er, they work well together | <i>adv.</i> indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before |
| 62. tr_____ff problem | <i>n.</i> a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise |
| 63. el_____fy a manufacturing process | <i>v.</i> to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something |

ANSWERS: 55. airbag, 56. vanguard, 57. zebra, 58. bounty, 59. capita, 60. paradox, 61. moreover, 62. trade-off, 63. electrify

64. ba__t glass	<i>n.</i> a dark, fine-grained volcanic rock that forms from the solidification of lava
65. r_m the door open	<i>v.</i> to strike or push forcefully, often to cause damage; to batter or break open a door or barrier using brute force
66. mo_____er, she decided to go	<i>adv.</i> indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before
67. sma_____ing agriculture	<i>n.</i> a small farm or estate that the owner or family typically works; often used to describe a farm that is smaller than a standard agricultural unit
68. wi_____re spread	<i>n.</i> a large, uncontrolled fire that spreads quickly through a natural area such as a forest, grassland, or mountain slope
69. endangered gr_____nd	<i>n.</i> a large area of land covered mainly by grass, with few or no trees, and typically used for grazing livestock
70. an op_____ne remark	<i>adj.</i> suitable or happening at a time that is suitable or convenient for a particular purpose
71. ha_____s situation	<i>adj.</i> having no luck; unfortunate
72. ha__e the workload	<i>v.</i> to divide something into two equal parts; to reduce something by half its original amount or size
73. defective ai___g	<i>n.</i> a safety device designed to inflate rapidly in the event of a collision, protecting the occupants of a vehicle and reducing the risk of injury or death

ANSWERS: 64. basalt, 65. ram, 66. moreover, 67. smallholding, 68. wildfire, 69. grassland, 70. opportune, 71. hapless, 72. halve, 73. airbag

74. her ha____s fate	<i>adj.</i> having no luck; unfortunate
75. bi____r carbon	<i>n.</i> a material produced by heating organic matter under low-oxygen conditions often used as a fertilizer or soil amendment
76. pr____te region	<i>adj.</i> very near or close, either in space or time; immediately preceding or following something
77. pr____te location	<i>adj.</i> very near or close, either in space or time; immediately preceding or following something
78. geo____al data	<i>adj.</i> relating to the physical characteristics and processes of the Earth and its surrounding atmospheres, such as geology, meteorology, and oceanography
79. make dr____c revision	<i>adj.</i> radical and extreme; likely to have a significant or far-reaching impact
80. near re____ng age	<i>adj.</i> withdrawing from a position or activity, or becoming more secluded or reserved
81. ba____t rock	<i>n.</i> a dark, fine-grained volcanic rock that forms from the solidification of lava
82. turn cattle out to gr__e	<i>v.</i> to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping
83. po____s materials	<i>adj.</i> having many small holes and being able to absorb or pass through fluids
84. in____te the quality of his life	<i>v.</i> to introduce new methods, ideas, or products

ANSWERS: 74. hapless, 75. biochar, 76. proximate, 77. proximate, 78. geophysical, 79. drastic, 80. retiring, 81. basalt, 82. graze, 83. porous, 84. innovate

85. av__t disaster	<i>v.</i> to prevent something dangerous or undesirable from happening
86. he____ss victims	<i>adj.</i> unable to take care of oneself or to do things without help
87. po____s membrane	<i>adj.</i> having many small holes and being able to absorb or pass through fluids
88. arson-caused wi____re	<i>n.</i> a large, uncontrolled fire that spreads quickly through a natural area such as a forest, grassland, or mountain slope
89. ur____ly required	<i>adv.</i> in a way that requires immediate action or attention, especially before anything else, because of being very important
90. e__t a gamma ray	<i>v.</i> to give off or send out something such as light, heat, sound, gas, etc.
91. ina____te an enterprise	<i>v.</i> to formally begin or initiate something, particularly a new project, organization, government, or system, often through an official ceremony
92. e__t air pollution	<i>v.</i> to give off or send out something such as light, heat, sound, gas, etc.
93. am____y a signal	<i>v.</i> to enhance something, particularly sound or brightness
94. ref______ion project	<i>n.</i> the process of replanting or regenerating forests, typically after they have been cut down or destroyed by natural disasters

ANSWERS: 85. avert, 86. helpless, 87. porous, 88. wildfire, 89. urgently, 90. emit, 91. inaugurate, 92. emit, 93. amplify, 94. reforestation

Session 3: Fill in the Blanks

1. The _____ victim had no way to defend themselves.
adj. having no luck; unfortunate
2. _____ production can be a way to manage organic waste while also generating renewable energy.
n. a material produced by heating organic matter under low-oxygen conditions often used as a fertilizer or soil amendment
3. Let's try to _____ a bit of enthusiasm into your performance.
v. to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
4. The lack of funds has resulted in a _____ for our university system.
n. a sudden event that causes extreme ruin and misfortune
5. The sheep _____ on the green grass in the meadow.
v. to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping
6. Companies developing self-driving cars consistently _____ the emerging technologies.
v. to introduce new methods, ideas, or products
7. The phone rang at the most _____ time.
adj. suitable or happening at a time that is suitable or convenient for a particular purpose

ANSWERS: 1. hapless, 2. Biochar, 3. inject, 4. catastrophe, 5. graze, 6. innovate, 7. opportune

8. GDP per _____ shrunk by almost 10 percent for the third consecutive year.
- n.* a Latin word meaning "head," used to express the amount for each person; any head or headlike expansion on a structure, as on a bone
9. The town is exploring using _____ energy to power its homes and buildings.
- adj.* relating to or produced by the internal heat of the earth; often used to refer to energy produced by tapping into the natural heat of the earth
10. Whenever I get a cold, I tend to _____ a lot.
- v.* to make a sudden, involuntary expulsion of air from the nose and mouth, usually due to irritation caused by the presence of dust, pollen, or other irritants
11. The product developed through years of research continues to _____ the market.
- v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
12. The construction of the new dam will _____ hundreds of families living downstream.
- v.* to force someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation
13. Their disagreement caused a _____ in their friendship.
- n.* a break or fissure in a relationship, organization, or physical structure; a large crack in the ground, rock, or other surfaces
14. He was known to be very _____ and would often work late into the night.
- adj.* hardworking, diligent, and persistent in effort

ANSWERS: 8. capita, 9. geothermal, 10. sneeze, 11. electrify, 12. displace, 13. rift, 14. industrious

15. You might need to _____ this point.

v. to enhance something, particularly sound or brightness

16. The _____ cause of the accident was the driver texting on their phone.

adj. very near or close, either in space or time; immediately preceding or following something

17. The dam systematically releases large amounts of water to _____ flooding during the rainy season

v. to prevent something dangerous or undesirable from happening

18. The _____ system in the car saved the driver's life in a severe crash.

n. a safety device designed to inflate rapidly in the event of a collision, protecting the occupants of a vehicle and reducing the risk of injury or death

19. The global community is undergoing _____ changes at present.

adj. radical and extreme; likely to have a significant or far-reaching impact

20. The decayed and _____ atmosphere of the abandoned house scared her.

adj. characterized by a preoccupation with death or unhealthy topics or behaviors; gruesome or disturbing

21. Ecuador is on the _____.

n. an line of latitude that separates Earth's northern and southern hemispheres and has a radius of around 40,075 kilometers (24,901 miles)

22. There was a _____ between speed and accuracy in the task.

n. a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise

ANSWERS: 15. amplify, 16. proximate, 17. avert, 18. airbag, 19. drastic, 20. morbid, 21. equator, 22. trade-off

23. The company is at the _____ of technological innovation in its industry.
- n.* the leading or forefront position in a movement, campaign, or trend; a person or group that is at the forefront of something new or innovative
24. The job offer _____ a lot of responsibility and hard work.
- v.* to involve or require something as necessary, particularly as a consequence of a particular situation or action; to impose a burden or restriction on something
25. The _____ distinctive black and white stripes help it blend into its surroundings in the wild.
- n.* a wild, horse-like mammal native to Africa with distinctive black-and-white stripes
26. The company is environmentally conscious, and _____ it uses sustainable materials in its products.
- adv.* indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before
27. The political party _____ after much internal fighting.
- v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
28. During the unloading, the container box _____ a clicking sound.
- v.* to give off or send out something such as light, heat, sound, gas, etc.
29. The _____ hunter was hired to capture the notorious criminal and bring him to justice.
- n.* a reward offered for capturing or killing someone or for accomplishing a specific task

ANSWERS: 23. vanguard, 24. entails, 25. zebra's, 26. moreover, 27. dissolved, 28. emits, 29. bounty

30. Due to budget constraints, the company had to _____ its marketing campaign for the new product.

- v.* to reduce or restrict something; to shorten or truncate; to cut short or bring to an abrupt end

31. The president will _____ the new embassy building next week.

- v.* to formally begin or initiate something, particularly a new project, organization, government, or system, often through an official ceremony

32. I feel so _____ without you.

- adj.* unable to take care of oneself or to do things without help

33. Some people believe that human is _____ with reason and capable of distinguishing good from evil.

- v.* to give a quality, ability, or asset to a person or institution

34. The hiking trail was lined with towering _____ columns.

- n.* a dark, fine-grained volcanic rock that forms from the solidification of lava

35. The preservation of _____ is crucial in mitigating climate change, as they help regulate the Earth's temperature and reduce atmospheric carbon dioxide.

- n.* an area covered with peat (= a partially decayed organic matter formed from plants)

36. Our unfenced and largely unpoliced border inevitably has been very _____ for insurgents.

- adj.* having many small holes and being able to absorb or pass through fluids

37. The _____ CEO passed on the reins to his successor.

- adj.* withdrawing from a position or activity, or becoming more secluded or reserved

ANSWERS: 30. curtail, 31. inaugurate, 32. helpless, 33. endowed, 34. basalt, 35. peatlands, 36. porous, 37. retiring

38. _____ efforts are necessary to combat deforestation and its negative environmental impact.
- n.* the process of replanting or regenerating forests, typically after they have been cut down or destroyed by natural disasters
39. He approved their requests to _____ the jury.
- v.* to take temporary possession of someone's property until a debt is paid.
40. The farmer's _____ was enough to grow and sell vegetables for their family at the local market.
- n.* a small farm or estate that the owner or family typically works; often used to describe a farm that is smaller than a standard agricultural unit
41. There are many theories to explain this _____.
- n.* a statement, situation, or person that has two opposite facts or features and therefore seems impossible, is difficult to understand, or is strange;
42. I need to send this email _____.
- adv.* in a way that requires immediate action or attention, especially before anything else, because of being very important
43. I need to _____ the recipe to make just enough for two people.
- v.* to divide something into two equal parts; to reduce something by half its original amount or size
44. The car _____ into the wall, causing significant damage.
- v.* to strike or push forcefully, often to cause damage; to batter or break open a door or barrier using brute force
45. Meadows and pastures are examples of smaller-scale _____ in many parts of the world.
- n.* a large area of land covered mainly by grass, with few or no trees, and typically used for grazing livestock

ANSWERS: 38. Reforestation, 39. sequester, 40. smallholding, 41. paradox, 42. urgently, 43. halve, 44. rammed, 45. grasslands

46. The _____ destroyed hundreds of homes and forced thousands of people to evacuate.

n. a large, uncontrolled fire that spreads quickly through a natural area such as a forest, grassland, or mountain slope

47. _____ surveys study the physical characteristics of the Earth's surface and subsurface.

adj. relating to the physical characteristics and processes of the Earth and its surrounding atmospheres, such as geology, meteorology, and oceanography

ANSWERS: 46. wildfire, 47. Geophysical