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Vocabulary Builder Reference from...

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

Advanced Words Only

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Session 1: Word List

humming

adj. producing a continuous, low, vibrating sound like that of the bee

synonym: buzzing, droning, vibrating

(1) **humming** sound, (2) **humming** bird

The **humming** of the bees filled the air as she walked through the garden.

jumpy

adj. nervous, jittery, or prone to sudden movements or reactions; characterized by irregular or uneven movement or motion

synonym: anxious, nervous, edgy

(1) **jumpy** cat, (2) **jumpy** behavior

The **jumpy** student was anxious during the exam and made several careless mistakes.

colonize

v. to establish a colony in or on a specific place; to settle or occupy in large numbers

synonym: settle, occupy, inhabit

(1) **colonize** planets, (2) **colonize** for cultivation

European powers **colonized** much of the Americas in the 16th and 17th centuries.

domesticate

v. to take control of animals or plants to provide food, power, or company

synonym: tame, naturalize, cultivate

(1) easy to **domesticate**, (2) **domesticate** the plant

We **domesticate** cows to gain milk and meat.

quadruple

v. to consist of four items or people; to become four times as great or many

(1) **quadruple** the amount, (2) **quadruple** the price of gold

His stock earnings **quadrupled**.

numb

adj. unable to feel physical sensation and movement; not showing human feeling or sensitivity

synonym: dazed, insensitive, emotionless

(1) **numb** with cold, (2) a **numb** mind

My left arm became **numb**.

bandwagon

n. a popular or fashionable trend or cause that attracts a large number of people who want to be part of it, often without considering its merits or drawbacks

synonym: trend, fad, craze

(1) get on the **bandwagon**, (2) **bandwagon** effect

Many people jumped on the health food **bandwagon** after realizing its benefits.

aspiring

adj. desiring or striving for recognition or advancement; wanting to be successful in life

synonym: hopeful, ambitious, eager

(1) **aspiring** prime minister, (2) have **aspiring** eyes

He was extremely generous to the **aspiring** young artist.

momentous

adj. of great significance, importance, or consequence; having a profound or lasting effect or impact

synonym: important, significant, eventful

(1) **momentous** achievement, (2) **momentous** decision

Graduating from college is a **momentous** occasion in one's life.

stabilize

v. to become or cause to become steady or unlikely to give way

synonym : brace, steady, secure

(1) **stabilize** prices, (2) **stabilize** blood sugar levels

The raising of interest rates **stabilizes** the inflation rate.

ppm

n. an abbreviation for "parts per million," used to express the concentration of a substance in a solution or mixture

synonym : parts per million, concentration, proportion

(1) **ppm** volume fraction, (2) **ppm** level

According to the World Health Organization, the recommended safe lead level in drinking water is 15 **ppm**.

destabilize

v. to cause something to become less stable or secure

synonym : unsettle, disrupt, upset

(1) **destabilize** the market, (2) **destabilize** a good relationship

The political crisis **destabilized** the country and caused widespread turmoil.

resilient

adj. able to withstand or recover quickly from difficult conditions

synonym : robust, sturdy, tough

(1) a hard and **resilient** steel, (2) **resilient** population

She is a **resilient** person and has always bounced back from setbacks.

controllable

adj. able to be controlled or directed

synonym : manageable, governable, submissive

(1) computer- **controllable**, (2) **controllable** aircraft

The new software is much more **controllable** and user-friendly.

abrupt

adj. sudden and unexpected

synonym : sudden, unexpected, quick

(1) **abrupt** departure, (2) speak in an **abrupt** manner

The sudden, **abrupt** change in weather caught everyone by surprise.

irreversible

adj. impossible to change or return to a previous condition

synonym : irrevocable, unrecoverable, permanent

(1) avoid **irreversible** damage, (2) an **irreversible** change

The development of agricultural technology has had an **irreversible** impact on humanity.

predominant

adj. having control, authority, or influence that is greater than that of others; prevailing or vastly more abundant than others of the same kind

synonym : cardinal, prevailing, superior

(1) **predominant** color, (2) a **predominant** species

In this office, teamwork is the **predominant** factor in achieving success.

well-being

n. the state of being happy and healthy and prosperous

synonym : health, welfare, happiness

(1) the **well-being** of a nation, (2) a sense of **well-being**

We are responsible for the care and **well-being** of all our employees.

nit

n. the egg of a louse (= that is a tiny insect that lives in human hair) or some other insect; a foolish person

(1) **nit** in the dog's fur, (2) she is a little **nit**

Careful brushing can remove **nit**.

methane

n. a chemical compound with the chemical formula CH₄ with no smell or color, often used as a fuel

(1) atmospheric **methane**, (2) reduce **methane** emissions

The ignition of **methane** gas in the plant killed five employees.

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.

overfishing

n. the removal of too many fish from a body of water, causing a decline in population levels and harm to the ecosystem

synonym: overharvesting, over-exploitation, depletion

(1) **overfishing** crisis, (2) **overfishing** ban

The ocean's ecosystem is being threatened by **overfishing**, causing many species to become endangered.

imprint

v. to make a mark or impression on a surface; to leave a lasting impression or influence on someone or something; (noun) a mark or impression made by pressing or stamping something onto a surface; a distinctive feature or characteristic that is left by something or someone

synonym: impress, stamp, engrave

(1) DNA **imprint**, (2) **imprint** a memory

He wanted to **imprint** his brand logo on the product.

arctic

adj. of or relating to the region around the North Pole or the Arctic Ocean; very cold

synonym: cold, frozen, polar

(1) **arctic** ice, (2) high **arctic**

Cold temperatures and long, dark winters characterize the **arctic** climate.

biome

n. a major ecological community characterized by particular plant and animal species adapted to a specific climate and geographic region, such as desert, tundra, or rainforest

synonym: ecosystem, habitat, biota

(1) **biome** conservation, (2) marine **biome**

The rainforest is one of the most diverse **biomes** on the planet.

precarious

adj. not securely held or in position; dangerously unstable or uncertain; dependent on chance or uncertain conditions

synonym : precariousness, instability, uncertainty

(1) **precarious** job, (2) **precarious** financial situation

She had a **precarious** hold on the ladder and was afraid to move.

sideline

n. a secondary or less significant job, interest, or activity; a line on the side of a sports field that players must stay behind; (verb) to remove someone from their position or role, often temporarily or as a result of a setback or failure

synonym : sidestep, periphery, (verb) ignore

(1) **sideline** reporter, (2) lucrative **sideline**

The coach benched the star player after he broke a team rule, leaving him on the **sideline** for the entire game.

monsoon

n. a seasonal wind system that brings heavy rainfall to a region, typically occurring in tropical areas

synonym : rainy season, deluge, downpour

(1) **monsoon** season, (2) **monsoon** current

The **monsoon** rains often bring relief to areas suffering from drought.

rainforest

n. a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall

(1) **rainforest** destruction, (2) tropical **rainforest**

The destruction of the **rainforest** is a ticking time bomb for the Earth.

deleterious

adj. causing harm, damage, or injury; having a detrimental or destructive effect

synonym : harmful, damaging, detrimental

(1) **deleterious** actions, (2) **deleterious** impact

Smoking has **deleterious** effects on your health, especially your lungs.

catastrophic

adj. extremely harmful; causing physical or financial destruction

synonym : fatal, disastrous, destructive

(1) victim of **catastrophic** injuries, (2) **catastrophic** climate change

The extinction rate of aquatic animals was **catastrophic**.

slippery

adj. difficult to hold firmly or stand on because it is wet or smooth; not to be trusted

synonym : smooth, glistening, furtive

(1) a **slippery** customer, (2) **slippery** ice

How extraordinarily **slippery** a liar the camera is.

steward

n. a person responsible for the management and care of another's property or for the supervision of the domestic staff of a large household or organization; a person in charge of arranging for the supply of food to a college, club, etc.

synonym : caretaker, manager, custodian

(1) **steward** duties, (2) **steward** service

The **steward** on the flight was very helpful in assisting passengers with their needs.

interconnect

v. to connect similar things

synonym : interlink, complect, annex

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

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

stratosphere

n. the second layer of the Earth's atmosphere, extending from about 7 to 50 kilometers above the Earth's surface, containing the ozone layer

synonym : upper atmosphere, ozone layer

(1) **stratosphere** layer, (2) **stratosphere** ozone

The ozone layer, which protects us from harmful UV radiation, is in the **stratosphere**.

depletion

n. the reduction of something, especially a natural resource, to a critically low level

synonym: exhaustion, deficiency, reduction

(1) **depletion** of bodily fluids, (2) **depletion** of ozone

The **depletion** of natural resources is a major concern for environmentalists.

acidification

n. the act or process of becoming acid or making something become acid

(1) **acidification** of soil, (2) stream **acidification**

Ocean **acidification** leads to a decrease in tiny sea snails.

paleolithic

adj. of or relating to the second period of the Stone Age, which represents almost the entire period of prehistoric human technology

(1) **paleolithic** cave painting, (2) the **Paleolithic** era

The scientist found **paleolithic** artifacts in the historic site.

phosphorus

n. a chemical element with the symbol P and atomic number 15 that is a non-metallic, highly reactive, and luminescent element

synonym: P, phosphoric, phosphorous

(1) **phosphorus** element, (2) yellow **phosphorus**

Phosphorus compounds are commonly used to manufacture fertilizers to promote plant growth.

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.

pollute

v. to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals

synonym: contaminate, corrupt, degrade

(1) **pollute** the air, (2) **pollute** the thread

We should do our best not to **pollute** the environment.

musket

n. a long, smoothbore gun used in warfare from the 16th to 19th centuries, typically fired from the shoulder and loaded through the muzzle

synonym: rifle, firearm, gun

(1) antique **musket**, (2) civil war **musket**

The **musket** ball was made of lead and could cause serious injuries or even death to those hit by it.

degrade

v. to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others

synonym: demean, disgrace, impair

(1) **degrade** his public image, (2) **degrade** environmental quality

You should not **degrade** yourself by allowing them to use you.

quantify

v. to express or measure something in numerical terms

synonym: measure, express, determine

(1) **quantify** the results, (2) **quantify** blood flow

He tried to **quantify** the amount of product that was needed to complete the job.

biosphere

n. the part of the Earth and its atmosphere in which living organisms exist, including plants, animals, and microorganisms

synonym: ecosphere, ecospace, ecosystem

(1) terrestrial **biosphere**, (2) artificial **biosphere**

The balance of the **biosphere** is crucial for the survival of species.

transgress

v. to break the law or moral code; to go beyond or exceed the limits or boundaries of something

synonym : trespass, violate, infringe

(1) **transgress** boundaries, (2) **transgress** against the rules

The company was fined for **transgressing** environmental regulations.

dinosaur

n. a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin

synonym : reptile, beast, monster

(1) hulking **dinosaur**, (2) **dinosaur** fossil

The discovery of a new **dinosaur** species made headlines in the scientific community.

overpower

v. to conquer or establish complete control over someone by using superior strength

synonym : overwhelm, conquer, surpass

(1) **overpower** the suspect, (2) **overpower** the opponent

The shooter was eventually **overpowered** and arrested by police.

gloomy

adj. characterized by a lack of light or sunshine, resulting in a dark or dim atmosphere; feeling despondent, dismal, or melancholy

synonym : melancholy, dismal, dreary

(1) **gloomy** mood, (2) **gloomy** expression

The **gloomy** weather made staying motivated and happy throughout the day hard.

utopia

n. an ideal and perfect society in which all social and political problems have been solved, and all members live in harmony and prosperity

synonym : paradise, heaven, Arcadia

(1) perfect **utopia**, (2) a **utopia** for an engineer

The concept of **utopia** is often viewed as an impossible or unrealistic goal, as it goes beyond what is currently possible.

turbulent

adj. marked by a lot of sudden changes, confusion, or uncertainty; characterized by intense activity or agitation

synonym: chaotic, stormy, tumultuous

(1) **turbulent** waves, (2) **turbulent** age

The stock market has been **turbulent** lately, with prices fluctuating rapidly.

unavoidable

adj. impossible to avoid or evade; inevitable

synonym: inevitable, inescapable, certain

(1) an **unavoidable** accident, (2) under **unavoidable** circumstances

There are now fears that war is **unavoidable**.

plow

n. a farming implement used for breaking up and turning over the soil, especially before planting; (verb) to turn over and break up the soil in preparation for planting crops

synonym: plough, cultivator, hoe

(1) **plow** equipment, (2) deeply **plow** the soil

The farmer tied the yoke oxen to the **plow**.

livelihood

n. a means of earning money people need to pay for food, a place to live, clothing, etc.

synonym: occupation, living, income

(1) a means of **livelihood**, (2) **livelihood** assistance

I could no longer earn my own **livelihood**.

entrepreneurship

n. the process or skill of starting and running a business, particularly a new and innovative one

synonym: self-employment, risk-taking

(1) **entrepreneurship** culture, (2) embody **entrepreneurship**

The government is investing in programs to support **entrepreneurship** and small business development.

mulch

n. a protective covering, often made of organic materials such as wood chips, straw, or leaves, applied to the soil around plants to suppress weed growth, retain moisture, and provide insulation

synonym : compost, ground cover, bedding

(1) **mulch** from the vegetation, (2) organic **mulch**

The landscaper recommended a layer of rubber **mulch** for the children's playground as it provides cushioning and minimizes injuries from falls.

doom

n. death, destruction, or some other terrible situation that cannot be avoided

synonym : judgment, destiny, fate

(1) economic **doom**, (2) prophet of **doom**

Everyone was aware of the impending **doom** but was unable to prevent it.

beautify

v. to enhance the physical appearance of something by making it more attractive or aesthetically pleasing; to make something more attractive or appealing in general

synonym : embellish, enhance, decorate

(1) **beautify** my skin, (2) **beautify** a room

The city plans to **beautify** the park with new flowers and trees.

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.

mindset

n. the established set of attitudes or fixed ideas held by someone

synonym : attitude, ethos, mentality

(1) flexible **mindset**, (2) the **mindset** in an education system

Countries whose goal is economic development often focus on fostering an entrepreneurial **mindset** in each individual.

polluted

adj. contaminated with harmful or poisonous substances
synonym : contaminated, poisoned, unclean

(1) **polluted** air, (2) cadmium- **polluted** area

The river was **polluted** with chemicals, causing harm to the wildlife.

nuisance

n. something or someone that causes annoyance, inconvenience, or discomfort; an unpleasant or irritating thing or person

synonym : bother, annoyance, disturbance

(1) traffic **nuisance**, (2) **nuisance** call

The barking dog next door is becoming quite a **nuisance**.

erode

v. to gradually wear away or break down (rock, soil, or other material) through the action of wind, water, or other natural agents; to gradually weaken or undermine (something) over time

synonym : wear away, deteriorate, corrode

(1) **erode** coast, (2) **erode** trust

The ongoing budget cuts have **eroded** the quality of education in many schools.

laureate

n. a person who has been awarded an honor or a prize for achievement in a particular field, especially in literature or academia; a poet who is honored for achieving the highest level of excellence in a competition or for producing a lifetime body of work

(1) Oscar **laureate**, (2) poet **laureate**

The Nobel **laureate** delivered an inspiring speech to the graduating class.

subsidize

v. to pay part of the cost of something to support an organization, activity, etc. financially

synonym : finance, endow, sponsor

(1) **subsidize** the project, (2) **subsidize** the cost

Governments **subsidize** renewable energy generation in various ways.

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.

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.

backtrack

v. to retrace one's steps; to return along a path that one has already traveled, often to correct a mistake or find lost items

synonym : retrace, turn back, reverse

(1) **backtrack** statement, (2) **backtrack** on promise

We need to **backtrack** and figure out where we went wrong in our calculations.

industrialize

v. to organize the production of something into an industry

synonym : motorize

(1) **industrialize** service, (2) **industrialized** textile production

The nations of South East Asia will quickly **industrialize** and catch up with the West.

prosperous

adj. successful financially or materially; bringing success or good fortune

synonym : successful, thriving, affluent

(1) **prosperous** weather, (2) **prosperous** nation

The company decided to invest in a **prosperous** industry.

Session 2: Spelling

1. be____fy my skin *v.* to enhance the physical appearance of something by making it more attractive or aesthetically pleasing; to make something more attractive or appealing in general
2. economic d__m *n.* death, destruction, or some other terrible situation that cannot be avoided
3. ba_____on effect *n.* a popular or fashionable trend or cause that attracts a large number of people who want to be part of it, often without considering its merits or drawbacks
4. st_____ze prices *v.* to become or cause to become steady or unlikely to give way
5. dom_____te the plant *v.* to take control of animals or plants to provide food, power, or company
6. avoid irr_____ble damage *adj.* impossible to change or return to a previous condition
7. pre_____us financial situation *adj.* not securely held or in position; dangerously unstable or uncertain; dependent on chance or uncertain conditions
8. su_____ze the project *v.* to pay part of the cost of something to support an organization, activity, etc. financially
9. ab___t departure *adj.* sudden and unexpected
10. antique mu___t *n.* a long, smoothbore gun used in warfare from the 16th to 19th centuries, typically fired from the shoulder and loaded through the muzzle

ANSWERS: 1. beautify, 2. doom, 3. bandwagon, 4. stabilize, 5. domesticate, 6. irreversible, 7. precarious, 8. subsidize, 9. abrupt, 10. musket

11. el_____fy a manufacturing process *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
12. flexible mi_____t *n.* the established set of attitudes or fixed ideas held by someone
13. an irr_____ble change *adj.* impossible to change or return to a previous condition
14. qu_____le the amount *v.* to consist of four items or people; to become four times as great or many
15. di_____ur fossil *n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
16. de_____e environmental quality *v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others
17. po_____e the air *v.* to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals
18. traffic nu_____ce *n.* something or someone that causes annoyance, inconvenience, or discomfort; an unpleasant or irritating thing or person
19. human activities int_____ect with the environment *v.* to connect similar things
20. tu_____nt age *adj.* marked by a lot of sudden changes, confusion, or uncertainty; characterized by intense activity or agitation

ANSWERS: 11. electrify, 12. mindset, 13. irreversible, 14. quadruple, 15. dinosaur, 16. degrade, 17. pollute, 18. nuisance, 19. interconnect, 20. turbulent

21. easy to dom_____te
v. to take control of animals or plants to provide food, power, or company
22. a means of liv_____od
n. a means of earning money people need to pay for food, a place to live, clothing, etc.
23. tra_____ss boundaries
v. to break the law or moral code; to go beyond or exceed the limits or boundaries of something
24. pho_____us element
n. a chemical element with the symbol P and atomic number 15 that is a non-metallic, highly reactive, and luminescent element
25. p_m volume fraction
n. an abbreviation for "parts per million," used to express the concentration of a substance in a solution or mixture
26. high ar____c
adj. of or relating to the region around the North Pole or the Arctic Ocean; very cold
27. under una_____le circumstances
adj. impossible to avoid or evade; inevitable
28. st_____d service
n. a person responsible for the management and care of another's property or for the supervision of the domestic staff of a large household or organization; a person in charge of arranging for the supply of food to a college, club, etc.
29. de_____on of bodily fluids
n. the reduction of something, especially a natural resource, to a critically low level
30. im_____t a memory
v. to make a mark or impression on a surface; to leave a lasting impression or influence on someone or something;
(noun) a mark or impression made by pressing or stamping something onto a surface; a distinctive feature or characteristic that is left by something or someone

ANSWERS: 21. domesticate, 22. livelihood, 23. transgress, 24. phosphorus, 25. ppm,

26. arctic, 27. unavoidable, 28. steward, 29. depletion, 30. imprint

31. civil war mu___t *n.* a long, smoothbore gun used in warfare from the 16th to 19th centuries, typically fired from the shoulder and loaded through the muzzle
32. be_____fy a room *v.* to enhance the physical appearance of something by making it more attractive or aesthetically pleasing; to make something more attractive or appealing in general
33. a sl_____ry customer *adj.* difficult to hold firmly or stand on because it is wet or smooth; not to be trusted
34. se_____er ten percent of the annual carbon emissions *v.* to take temporary possession of someone's property until a debt is paid.
35. ba_____ck on promise *v.* to retrace one's steps; to return along a path that one has already traveled, often to correct a mistake or find lost items
36. 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
37. embody ent_____hip *n.* the process or skill of starting and running a business, particularly a new and innovative one
38. ove_____ng crisis *n.* the removal of too many fish from a body of water, causing a decline in population levels and harm to the ecosystem

ANSWERS: 31. musket, 32. beautify, 33. slippery, 34. sequester, 35. backtrack, 36. stimming, 37. entrepreneurship, 38. overfishing

39. de____st millions of acres *v.* to clear an area of forest or trees
40. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
41. pre_____us job *adj.* not securely held or in position; dangerously unstable or uncertain; dependent on chance or uncertain conditions
42. qu_____fy the results *v.* to express or measure something in numerical terms
43. str_____ere layer *n.* the second layer of the Earth's atmosphere, extending from about 7 to 50 kilometers above the Earth's surface, containing the ozone layer
44. de_____on of ozone *n.* the reduction of something, especially a natural resource, to a critically low level
45. str_____ere ozone *n.* the second layer of the Earth's atmosphere, extending from about 7 to 50 kilometers above the Earth's surface, containing the ozone layer
46. n_t in the dog's fur *n.* the egg of a louse (= that is a tiny insect that lives in human hair) or some other insect; a foolish person
47. aci_____ion of soil *n.* the act or process of becoming acid or making something become acid
48. bi__e conservation *n.* a major ecological community characterized by particular plant and animal species adapted to a specific climate and geographic region, such as desert, tundra, or rainforest

ANSWERS: 39. deforest, 40. opportune, 41. precarious, 42. quantify, 43. stratosphere, 44. depletion, 45. stratosphere, 46. nit, 47. acidification, 48. biome

49. p__w equipment *n.* a farming implement used for breaking up and turning over the soil, especially before planting; (verb) to turn over and break up the soil in preparation for planting crops
50. el_____fy the audience *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
51. Oscar la_____te *n.* a person who has been awarded an honor or a prize for achievement in a particular field, especially in literature or academia; a poet who is honored for achieving the highest level of excellence in a competition or for producing a lifetime body of work
52. pro_____us weather *adj.* successful financially or materially; bringing success or good fortune
53. rai_____st destruction *n.* a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall
54. ent_____hip culture *n.* the process or skill of starting and running a business, particularly a new and innovative one
55. ove_____ng ban *n.* the removal of too many fish from a body of water, causing a decline in population levels and harm to the ecosystem
56. su_____ze the cost *v.* to pay part of the cost of something to support an organization, activity, etc. financially

ANSWERS: 49. plow, 50. electrify, 51. laureate, 52. prosperous, 53. rainforest, 54. entrepreneurship, 55. overfishing, 56. subsidize

66. the wel_____ng of a nation *n.* the state of being happy and healthy and prosperous
67. qu_____le the price of gold *v.* to consist of four items or people; to become four times as great or many
68. po_____e the thread *v.* to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals
69. st_____ze blood sugar levels *v.* to become or cause to become steady or unlikely to give way
70. pre_____nt color *adj.* having control, authority, or influence that is greater than that of others; prevailing or vastly more abundant than others of the same kind
71. have as_____ng eyes *adj.* desiring or striving for recognition or advancement; wanting to be successful in life
72. de_____st a mountain *v.* to clear an area of forest or trees
73. nu_____ce call *n.* something or someone that causes annoyance, inconvenience, or discomfort; an unpleasant or irritating thing or person
74. computer-con_____ble *adj.* able to be controlled or directed
75. sl_____ry ice *adj.* difficult to hold firmly or stand on because it is wet or smooth; not to be trusted
76. er__e coast *v.* to gradually wear away or break down (rock, soil, or other material) through the action of wind, water, or other natural agents; to gradually weaken or undermine (something) over time

ANSWERS: 66. well-being, 67. quadruple, 68. pollute, 69. stabilize, 70. predominant, 71. aspiring, 72. deforest, 73. nuisance, 74. controllable, 75. slippery, 76. erode

77. hu____g bird *adj.* producing a continuous, low, vibrating sound like that of the bee
78. deeply p__w the soil *n.* a farming implement used for breaking up and turning over the soil, especially before planting; (verb) to turn over and break up the soil in preparation for planting crops
79. qu____fy blood flow *v.* to express or measure something in numerical terms
80. del____us impact *adj.* causing harm, damage, or injury; having a detrimental or destructive effect
81. cat____hic climate change *adj.* extremely harmful; causing physical or financial destruction
82. del____us actions *adj.* causing harm, damage, or injury; having a detrimental or destructive effect
83. a ut___a for an engineer *n.* an ideal and perfect society in which all social and political problems have been solved, and all members live in harmony and prosperity
84. an op____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
85. liv____od assistance *n.* a means of earning money people need to pay for food, a place to live, clothing, etc.
86. ind____ize service *v.* to organize the production of something into an industry
87. poet la____te *n.* a person who has been awarded an honor or a prize for achievement in a particular field, especially in literature or academia; a poet who is honored for achieving the highest level of excellence in a competition or for producing a lifetime body of work

ANSWERS: 77. humming, 78. plow, 79. quantify, 80. deleterious, 81. catastrophic, 82. deleterious, 83. utopia, 84. opportune, 85. livelihood, 86. industrialize, 87. laureate

88. gl___y expression *adj.* characterized by a lack of light or sunshine, resulting in a dark or dim atmosphere; feeling despondent, dismal, or melancholy
89. artificial bi_____re *n.* the part of the Earth and its atmosphere in which living organisms exist, including plants, animals, and microorganisms
90. hu_____g sound *adj.* producing a continuous, low, vibrating sound like that of the bee
91. p_m level *n.* an abbreviation for "parts per million," used to express the concentration of a substance in a solution or mixture
92. co_____ze planets *v.* to establish a colony in or on a specific place; to settle or occupy in large numbers
93. gl___y mood *adj.* characterized by a lack of light or sunshine, resulting in a dark or dim atmosphere; feeling despondent, dismal, or melancholy
94. reduce me_____e emissions *n.* a chemical compound with the chemical formula CH₄ with no smell or color, often used as a fuel
95. ov_____er the suspect *v.* to conquer or establish complete control over someone by using superior strength
96. de_____e his public image *v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others

ANSWERS: 88. gloomy, 89. biosphere, 90. humming, 91. ppm, 92. colonize, 93. gloomy, 94. methane, 95. overpower, 96. degrade

97. terrestrial bi_____re *n.* the part of the Earth and its atmosphere in which living organisms exist, including plants, animals, and microorganisms
98. pro_____us nation *adj.* successful financially or materially; bringing success or good fortune
99. get on the ba_____on *n.* a popular or fashionable trend or cause that attracts a large number of people who want to be part of it, often without considering its merits or drawbacks
100. mo_____n season *n.* a seasonal wind system that brings heavy rainfall to a region, typically occurring in tropical areas
101. a n__b mind *adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity
102. co_____ze for cultivation *v.* to establish a colony in or on a specific place; to settle or occupy in large numbers
103. n__b with cold *adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity
104. 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
105. des_____ze the market *v.* to cause something to become less stable or secure

ANSWERS: 97. biosphere, 98. prosperous, 99. bandwagon, 100. monsoon, 101. numb, 102. colonize, 103. numb, 104. stimming, 105. destabilize

106. ju__y cat *adj.* nervous, jittery, or prone to sudden movements or reactions; characterized by irregular or uneven movement or motion
107. se_____er myself from the world *v.* to take temporary possession of someone's property until a debt is paid.
108. ju__y behavior *adj.* nervous, jittery, or prone to sudden movements or reactions; characterized by irregular or uneven movement or motion
109. tu_____nt waves *adj.* marked by a lot of sudden changes, confusion, or uncertainty; characterized by intense activity or agitation
110. cadmium-po_____ed area *adj.* contaminated with harmful or poisonous substances
111. perfect ut___a *n.* an ideal and perfect society in which all social and political problems have been solved, and all members live in harmony and prosperity
112. hulking di_____ur *n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
113. a sense of wel_____ng *n.* the state of being happy and healthy and prosperous
114. the Pal_____ic era *adj.* of or relating to the second period of the Stone Age, which represents almost the entire period of prehistoric human technology
115. atmospheric me_____e *n.* a chemical compound with the chemical formula CH₄ with no smell or color, often used as a fuel

ANSWERS: 106. jumpy, 107. sequester, 108. jumpy, 109. turbulent, 110. polluted, 111. utopia, 112. dinosaur, 113. well-being, 114. paleolithic, 115. methane

116. lucrative si____ne *n.* a secondary or less significant job, interest, or activity; a line on the side of a sports field that players must stay behind; (verb) to remove someone from their position or role, often temporarily or as a result of a setback or failure
117. mo_____us decision *adj.* of great significance, importance, or consequence; having a profound or lasting effect or impact
118. tra_____ss against the rules *v.* to break the law or moral code; to go beyond or exceed the limits or boundaries of something
119. mo_____us achievement *adj.* of great significance, importance, or consequence; having a profound or lasting effect or impact
120. DNA im_____t *v.* to make a mark or impression on a surface; to leave a lasting impression or influence on someone or something; (noun) a mark or impression made by pressing or stamping something onto a surface; a distinctive feature or characteristic that is left by something or someone
121. the mi_____t in an education system *n.* the established set of attitudes or fixed ideas held by someone
122. organic mu__h *n.* a protective covering, often made of organic materials such as wood chips, straw, or leaves, applied to the soil around plants to suppress weed growth, retain moisture, and provide insulation

ANSWERS: 116. sideline, 117. momentous, 118. transgress, 119. momentous, 120. imprint, 121. mindset, 122. mulch

123. as_____ng prime minister *adj.* desiring or striving for recognition or advancement; wanting to be successful in life
124. con_____ble aircraft *adj.* able to be controlled or directed
125. a pre_____nt species *adj.* having control, authority, or influence that is greater than that of others; prevailing or vastly more abundant than others of the same kind
126. speak in an ab____t manner *adj.* sudden and unexpected
127. an una_____le accident *adj.* impossible to avoid or evade; inevitable
128. ind_____ized textile production *v.* to organize the production of something into an industry
129. re_____nt population *adj.* able to withstand or recover quickly from difficult conditions
130. marine bi__e *n.* a major ecological community characterized by particular plant and animal species adapted to a specific climate and geographic region, such as desert, tundra, or rainforest
131. ba_____ck statement *v.* to retrace one's steps; to return along a path that one has already traveled, often to correct a mistake or find lost items
132. prophet of d__m *n.* death, destruction, or some other terrible situation that cannot be avoided
133. pal_____ic cave painting *adj.* of or relating to the second period of the Stone Age, which represents almost the entire period of prehistoric human technology

ANSWERS: 123. aspiring, 124. controllable, 125. predominant, 126. abrupt, 127. unavoidable, 128. industrialize, 129. resilient, 130. biome, 131. backtrack, 132. doom, 133. paleolithic

Session 3: Fill in the Blanks

1. 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

2. The river was _____ with chemicals, causing harm to the wildlife.
 - adj.* contaminated with harmful or poisonous substances

3. The coach benched the star player after he broke a team rule, leaving him on the _____ for the entire game.
 - n.* a secondary or less significant job, interest, or activity; a line on the side of a sports field that players must stay behind; (verb) to remove someone from their position or role, often temporarily or as a result of a setback or failure

4. The _____ of natural resources is a major concern for environmentalists.
 - n.* the reduction of something, especially a natural resource, to a critically low level

5. Our system can now _____ with other databases.
 - v.* to connect similar things

6. We _____ cows to gain milk and meat.
 - v.* to take control of animals or plants to provide food, power, or company

7. The company was fined for _____ environmental regulations.
 - v.* to break the law or moral code; to go beyond or exceed the limits or boundaries of something

ANSWERS: 1. stimming, 2. polluted, 3. sideline, 4. depletion, 5. interconnect, 6. domesticate, 7. transgressing

8. The city plans to _____ the park with new flowers and trees.
v. to enhance the physical appearance of something by making it more attractive or aesthetically pleasing; to make something more attractive or appealing in general
9. The ongoing budget cuts have _____ the quality of education in many schools.
v. to gradually wear away or break down (rock, soil, or other material) through the action of wind, water, or other natural agents; to gradually weaken or undermine (something) over time
10. The _____ ball was made of lead and could cause serious injuries or even death to those hit by it.
n. a long, smoothbore gun used in warfare from the 16th to 19th centuries, typically fired from the shoulder and loaded through the muzzle
11. The ignition of _____ gas in the plant killed five employees.
n. a chemical compound with the chemical formula CH₄ with no smell or color, often used as a fuel
12. Smoking has _____ effects on your health, especially your lungs.
adj. causing harm, damage, or injury; having a detrimental or destructive effect
13. The _____ of the bees filled the air as she walked through the garden.
adj. producing a continuous, low, vibrating sound like that of the bee
14. The new software is much more _____ and user-friendly.
adj. able to be controlled or directed
15. She had a _____ hold on the ladder and was afraid to move.
adj. not securely held or in position; dangerously unstable or uncertain; dependent on chance or uncertain conditions

ANSWERS: 8. beautify, 9. eroded, 10. musket, 11. methane, 12. deleterious, 13. humming, 14. controllable, 15. precarious

16. The landscaper recommended a layer of rubber _____ for the children's playground as it provides cushioning and minimizes injuries from falls.
- n.* a protective covering, often made of organic materials such as wood chips, straw, or leaves, applied to the soil around plants to suppress weed growth, retain moisture, and provide insulation
17. The company planned to _____ a large rainforest area to make way for a new plantation.
- v.* to clear an area of forest or trees
18. Careful brushing can remove ____.
- n.* the egg of a louse (= that is a tiny insect that lives in human hair) or some other insect; a foolish person
19. In this office, teamwork is the _____ factor in achieving success.
- adj.* having control, authority, or influence that is greater than that of others; prevailing or vastly more abundant than others of the same kind
20. According to the World Health Organization, the recommended safe lead level in drinking water is 15 ____.
- n.* an abbreviation for "parts per million," used to express the concentration of a substance in a solution or mixture
21. The _____ weather made staying motivated and happy throughout the day hard.
- adj.* characterized by a lack of light or sunshine, resulting in a dark or dim atmosphere; feeling despondent, dismal, or melancholy
22. She is a _____ person and has always bounced back from setbacks.
- adj.* able to withstand or recover quickly from difficult conditions

ANSWERS: 16. mulch, 17. deforest, 18. nit, 19. predominant, 20. ppm, 21. gloomy, 22. resilient

23. The discovery of a new _____ species made headlines in the scientific community.
- n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
24. _____ compounds are commonly used to manufacture fertilizers to promote plant growth.
- n.* a chemical element with the symbol P and atomic number 15 that is a non-metallic, highly reactive, and luminescent element
25. The balance of the _____ is crucial for the survival of species.
- n.* the part of the Earth and its atmosphere in which living organisms exist, including plants, animals, and microorganisms
26. He wanted to _____ his brand logo on the product.
- v.* to make a mark or impression on a surface; to leave a lasting impression or influence on someone or something; (noun) a mark or impression made by pressing or stamping something onto a surface; a distinctive feature or characteristic that is left by something or someone
27. The farmer tied the yoke oxen to the _____.
- n.* a farming implement used for breaking up and turning over the soil, especially before planting; (verb) to turn over and break up the soil in preparation for planting crops
28. There are now fears that war is _____.
- adj.* impossible to avoid or evade; inevitable
29. The sudden, _____ change in weather caught everyone by surprise.
- adj.* sudden and unexpected

ANSWERS: 23. dinosaur, 24. Phosphorus, 25. biosphere, 26. imprint, 27. plow, 28. unavoidable, 29. abrupt

30. The ozone layer, which protects us from harmful UV radiation, is in the _____.
- n.* the second layer of the Earth's atmosphere, extending from about 7 to 50 kilometers above the Earth's surface, containing the ozone layer
31. The government is investing in programs to support _____ and small business development.
- n.* the process or skill of starting and running a business, particularly a new and innovative one
32. The Nobel _____ delivered an inspiring speech to the graduating class.
- n.* a person who has been awarded an honor or a prize for achievement in a particular field, especially in literature or academia; a poet who is honored for achieving the highest level of excellence in a competition or for producing a lifetime body of work
33. The phone rang at the most _____ time.
- adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
34. The barking dog next door is becoming quite a _____.
- n.* something or someone that causes annoyance, inconvenience, or discomfort; an unpleasant or irritating thing or person
35. The development of agricultural technology has had an _____ impact on humanity.
- adj.* impossible to change or return to a previous condition
36. 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

ANSWERS: 30. stratosphere, 31. entrepreneurship, 32. laureate, 33. opportune, 34. nuisance, 35. irreversible, 36. electrify

37. His stock earnings _____.
- v.* to consist of four items or people; to become four times as great or many
38. We are responsible for the care and _____ of all our employees.
- n.* the state of being happy and healthy and prosperous
39. The destruction of the _____ is a ticking time bomb for the Earth.
- n.* a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall
40. He tried to _____ the amount of product that was needed to complete the job.
- v.* to express or measure something in numerical terms
41. Countries whose goal is economic development often focus on fostering an entrepreneurial _____ in each individual.
- n.* the established set of attitudes or fixed ideas held by someone
42. The scientist found _____ artifacts in the historic site.
- adj.* of or relating to the second period of the Stone Age, which represents almost the entire period of prehistoric human technology
43. How extraordinarily _____ a liar the camera is.
- adj.* difficult to hold firmly or stand on because it is wet or smooth; not to be trusted
44. The raising of interest rates _____ the inflation rate.
- v.* to become or cause to become steady or unlikely to give way
45. The _____ on the flight was very helpful in assisting passengers with their needs.
- n.* a person responsible for the management and care of another's property or for the supervision of the domestic staff of a large household or organization; a person in charge of arranging for the supply of food to a college, club, etc.

ANSWERS: 37. quadrupled, 38. well-being, 39. rainforest, 40. quantify, 41. mindset, 42. paleolithic, 43. slippery, 44. stabilizes, 45. steward

46. The political crisis _____ the country and caused widespread turmoil.
v. to cause something to become less stable or secure
47. My left arm became _____.
adj. unable to feel physical sensation and movement; not showing human feeling or sensitivity
48. The _____ student was anxious during the exam and made several careless mistakes.
adj. nervous, jittery, or prone to sudden movements or reactions; characterized by irregular or uneven movement or motion
49. The company decided to invest in a _____ industry.
adj. successful financially or materially; bringing success or good fortune
50. He was extremely generous to the _____ young artist.
adj. desiring or striving for recognition or advancement; wanting to be successful in life
51. I could no longer earn my own _____.
n. a means of earning money people need to pay for food, a place to live, clothing, etc.
52. We should do our best not to _____ the environment.
v. to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals
53. Cold temperatures and long, dark winters characterize the _____ climate.
adj. of or relating to the region around the North Pole or the Arctic Ocean; very cold

ANSWERS: 46. destabilized, 47. numb, 48. jumpy, 49. prosperous, 50. aspiring, 51. livelihood, 52. pollute, 53. arctic

54. The _____ rains often bring relief to areas suffering from drought.
n. a seasonal wind system that brings heavy rainfall to a region, typically occurring in tropical areas
55. He approved their requests to _____ the jury.
v. to take temporary possession of someone's property until a debt is paid.
56. We need to _____ and figure out where we went wrong in our calculations.
v. to retrace one's steps; to return along a path that one has already traveled, often to correct a mistake or find lost items
57. The nations of South East Asia will quickly _____ and catch up with the West.
v. to organize the production of something into an industry
58. Governments _____ renewable energy generation in various ways.
v. to pay part of the cost of something to support an organization, activity, etc. financially
59. European powers _____ much of the Americas in the 16th and 17th centuries.
v. to establish a colony in or on a specific place; to settle or occupy in large numbers
60. The shooter was eventually _____ and arrested by police.
v. to conquer or establish complete control over someone by using superior strength
61. The extinction rate of aquatic animals was _____.
adj. extremely harmful; causing physical or financial destruction

ANSWERS: 54. monsoon, 55. sequester, 56. backtrack, 57. industrialize, 58. subsidize, 59. colonized, 60. overpowered, 61. catastrophic

62. The stock market has been _____ lately, with prices fluctuating rapidly.
adj. marked by a lot of sudden changes, confusion, or uncertainty; characterized by intense activity or agitation
63. You should not _____ yourself by allowing them to use you.
v. to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others
64. Many people jumped on the health food _____ after realizing its benefits.
n. a popular or fashionable trend or cause that attracts a large number of people who want to be part of it, often without considering its merits or drawbacks
65. Everyone was aware of the impending _____ but was unable to prevent it.
n. death, destruction, or some other terrible situation that cannot be avoided
66. The rainforest is one of the most diverse _____ on the planet.
n. a major ecological community characterized by particular plant and animal species adapted to a specific climate and geographic region, such as desert, tundra, or rainforest
67. The ocean's ecosystem is being threatened by _____ causing many species to become endangered.
n. the removal of too many fish from a body of water, causing a decline in population levels and harm to the ecosystem
68. Graduating from college is a _____ occasion in one's life.
adj. of great significance, importance, or consequence; having a profound or lasting effect or impact

ANSWERS: 62. turbulent, 63. degrade, 64. bandwagon, 65. doom, 66. biomes, 67. overfishing, 68. momentous

69. The concept of _____ is often viewed as an impossible or unrealistic goal, as it goes beyond what is currently possible.
- n.* an ideal and perfect society in which all social and political problems have been solved, and all members live in harmony and prosperity
70. Ocean _____ leads to a decrease in tiny sea snails.
- n.* the act or process of becoming acid or making something become acid

ANSWERS: 69. utopia, 70. acidification