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Vocabulary Builder Reference from...

Max Tegmark: How to get empowered, not overpowered, by AI | TED Talk

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

Advanced Words Only

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Session 1: Word List

cosmos

n. another name for the universe, mainly used when it is thought of as an ordered system

synonym: universe, macrocosm

(1) exploration of **cosmos**, (2) origin of the **cosmos**

Supercomputers enable scientists to create computational models of the **cosmos**.

ancestor

n. a person from whom one is descended; a forefather

synonym: forebear, forefather, progenitor

(1) **ancestor** language, (2) earliest human **ancestor**

My remote **ancestor** immigrated to the United States from Ireland in the 1800s.

imperceptible

adj. undetectable or indiscernible by the senses or by normal means of measurement; extremely subtle, faint, or gradual

synonym: hard to notice, indiscernible, subtle

(1) **imperceptible** movement, (2) **imperceptible** difference

The sound was **imperceptible** to the human ear, but the sensitive microphone could pick it up.

perturbation

n. a state of anxiety, confusion, or disturbance; a deviation or disruption from the normal or expected state

synonym : disruption, disturbance, turmoil

(1) seismic **perturbation**, (2) emotional **perturbation**

The unexpected financial crisis caused a **perturbation** in the stock market, leading to widespread panic among investors.

flourish

v. to grow or develop vigorously or successfully

synonym : boom, advance, succeed

(1) **flourish** economically, (2) **flourish** worldwide

The Ottoman Empire **flourished** for over five centuries.

nerd

n. a person who is very interested in and knowledgeable about a particular subject such as computers, mathematics, chess, etc.

synonym : geek, techie, wonk

(1) a computer **nerd**, (2) **nerd** neck

He was, by nature, a cyber **nerd**.

pacemaker

n. a small electronic device that is implanted in the chest to regulate the heartbeat of people with certain heart conditions; a person or thing that sets the pace or rhythm for others

synonym : heartbeat regulator, pacer, pacesetter

(1) implanted **pacemaker**, (2) **pacemaker** battery

Some people with **pacemakers** may need to avoid certain activities or sources of electromagnetic interference.

cochlea

n. a spiral-shaped cavity in the inner ear that is responsible for hearing; it contains sensory hair cells that convert vibrations into electrical signals that are sent to the brain for interpretation

synonym : spiral organ, snail shell, inner ear

(1) **cochlea** spiral, (2) implanted **cochlea**

Damage to the **cochlea** can cause hearing loss or deafness.

propel

v. to move, drive or push something forward or in a particular direction, often with a lot of force

synonym : drive, push, move

(1) **propel** growth, (2) **propel** the ship

An increase in employment helps **propel** economic growth.

astronaut

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

synonym : spaceman, cosmonaut

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

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

steer

v. to control the direction or movement of a vehicle; to direct a course of action; to guide or motivate someone

synonym : guide, direct, control

(1) **steer** a steady course, (2) **steer** a conversation

The captain told him to **steer** the ship north.

chauvinist

n. a person who is aggressively or excessively patriotic and who believes in the superiority of their gender, race, or nationality, often to the detriment or oppression of others

synonym : jingo, nationalist, misogynist

(1) **chauvinist** beliefs, (2) racial **chauvinist**

His **chauvinistic** attitudes towards immigrants were offensive and ignorant.

backflip

n. an athletic move in which a person jumps backward and performs a complete rotation in the air, often ending in a standing position

synonym : somersault, aerial, flip

(1) **backflip** trick, (2) triple **backflip**

The acrobat finished her act with a series of **backflips** off the trampoline.

handicraft

n. a skill or trade that involves making things by hand, often using traditional methods and materials, which include activities such as woodworking, sewing, pottery, and weaving

synonym : craft, handmade, artisanry

(1) **handicraft** workshop, (2) traditional **handicrafts**

She spent her free time making **handicrafts** like pottery and crocheting to sell at the local market.

improvisation

n. the act of making something up on the spot or creating or performing something without preparation

synonym : spontaneity, ad-lib, extemporization

(1) **improvisation** on stage, (2) jazz **improvisation**

He created a beautiful piece of music using only **improvisation**.

takeaway

n. a message or conclusion that can be taken away from a situation or piece of information

synonym : conclusion, message, insight

(1) **takeaway** pizza, (2) **takeaway** message

The main **takeaway** from the meeting was the need for better communication.

disrupt

v. to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

synonym : interrupt, disturb, break into

(1) **disrupt** a well-ordered condition, (2) **disrupt** sleep

I'm so sorry to **disrupt** you when you're pretty busy.

grail

n. a sacred or highly prized object, often associated with a quest or search for something elusive or unattainable

synonym : chalice, treasure, quest

(1) holy **grail**, (2) ultimate **grail**

The search for the **grail** is often used as a metaphor for any difficult quest or task.

timescale

n. a period or interval of time, particularly one used as a standard for measuring or comparing other periods of time; a reference point or benchmark for the duration or length of a particular event or process

synonym : time frame, schedule, duration

(1) long- **timescale**, (2) realistic **timescale**

The **timescale** for completing the construction project is three years.

recursion

n. the process of repeating or looping through a set of instructions or functions within another function, often used in programming and computer science

synonym : iteration, looping, repetition

(1) **recursion** depth, (2) **recursion** limit

The team encountered an infinite **recursion** error in their code, causing the program to crash.

superintelligence

n. a hypothetical agent, for example, a computer or space alien, that possesses intelligence far surpassing that of humankind

(1) digital **superintelligence**, (2) artificial **superintelligence**

He is looking for evidence of the existence of **superintelligence** from cosmic signals.

optimism

n. a feeling or the belief that good things will happen, or the quality of being full of hope and emphasizing the positive aspects of a situation

synonym : positiveness, sanguinity, bullishness

(1) sense of **optimism**, (2) political **optimism**

There is considerable **optimism** that the economy will recover soon.

complacent

adj. satisfied with the status quo and not wishing to make changes

synonym : content, satisfied, self-satisfied

(1) **complacent** attitude, (2) **complacent** with past successes

He became **complacent** in his job and stopped trying to improve.

embarrass

v. to cause someone to feel awkward, worried, or ashamed
synonym: disconcert, unsettle, agitate

(1) **embarrass** political enemy, (2) **embarrass** my project
He looked for an opportunity to **embarrass** that actor in public.

envision

v. to imagine or expect what a situation will be like in the future

synonym: anticipate, foresee, picture

(1) **envision** the future, (2) **envision** the project's success
We cannot **envision** her as President.

flounder

v. to struggle or stumble awkwardly; to move or act clumsily or in confusion; to be in a difficult or uncertain situation

synonym: struggle, stumble, falter

(1) **flounder** with decisions, (2) **flounder** in water
I watched him **flounder** through the difficult math problem, unable to find a solution.

cofounder

n. one of several people who establishes an organization or starts a business

(1) **cofounder** of the university, (2) late **cofounder**
He is the **cofounder** and chairman of this tech company.

extinguish

v. to cause a fire to stop burning or light to stop shining

synonym: quench, smother, blow out

(1) **extinguish** a cigarette, (2) **extinguish** the street lamp
Firefighters made every effort to **extinguish** the blaze immediately.

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.

louse

n. a small, wingless insect that lives on the bodies of mammals and birds, often considered a parasite; a contemptible or despicable person

synonym : bug, insect, parasite

(1) pubic **louse**, (2) **louse** egg

The child was sent home from school because of a lice infestation caused by one **louse**.

scaremongering

n. spreading frightening or alarming rumors or ideas, typically to manipulate public opinion in some way; (noun) the act of spreading or promoting fear or anxiety about a particular issue or event, often for political or personal gain

synonym : fearmongering, alarmism, panic-mongering

(1) **scaremongering** campaign, (2) media **scaremongering**

The politician's **scaremongering** tactics were criticized for unnecessarily inflaming public fears and anxieties.

confer

v. to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something

synonym : consult, meet, discuss

(1) **confer** degree, (2) **confer** honor

The leaders of the two countries met to **confer** on the issue.

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.

medicinal

adj. of or relating to the treatment or cure of disease

synonym : curative, therapeutic, healing

(1) **medicinal** chemistry, (2) traditional **medicinal**

The **medicinal** properties of this herb have been known to

help with various ailments.

stigmatize

v. to accuse, condemn, or openly or formally consider somebody or something as not deserving respect

synonym: brand, mark, denounce

(1) **stigmatize** the deviant as criminal, (2) **stigmatize** him as a swindler

She was **stigmatized** by society because she had a child out of wedlock.

sham

n. something that is not as good or true as it seems to be and is intended to deceive people; a person who pretends to be something they are not

synonym: bogus, counterfeit, fraudulent

(1) a **sham** battle, (2) turn out to be all **sham**

The data he prepared was completely **sham**.

buggy

n. a small, lightweight car, usually with no roof, especially drawn by a single horse; (adjective) infested with bugs

synonym: carriage, cart, wagon

(1) baby **buggy**, (2) **buggy** update

This Middle Eastern resort offers dune **buggy** tours through the desert.

malfunction

v. to fail to operate or work properly; to break down or stop functioning as expected or intended; (noun) a failure or defect in the way a machine, system, or device is supposed to operate

synonym: malfunction, break down, fail

(1) **malfunction** alarm, (2) **malfunction** and start moving unpredictably

The car's engine **malfunctioned** on the highway, so we had to call for a tow truck.

rhinoceros

n. (also rhino) a large, thick-skinned mammal with one or two horns on the nose, typically found in Africa and Asia.

synonym: rhino, horned beast, pachyderm

(1) **rhinoceros** habitat, (2) white **rhinoceros**

The baby **rhinoceros** at the wildlife sanctuary was recently born and is very cute.

extinct

adj. no longer in existence

synonym: dead, obsolete, abolished

(1) **extinct** by human activity, (2) long- **extinct** volcano

Many species have become **extinct** due to habitat destruction and other human activities.

motto

n. a phrase or slogan that expresses a guiding principle or goal

synonym: slogan, catchphrase, phrase

(1) the **motto** for safe traffic, (2) company **motto**

The company's **motto** is "Innovation and Service," which is reflected in its products and customer support.

amuse

v. to entertain or divert the mind; to make someone laugh

synonym: entertain, delight, divert

(1) **amuse** a baby with a rattle, (2) **amuse** guests

He **amused** himself by playing video games during his free time.

enslave

v. to make someone a slave; to deprive someone of their freedom of choice or action

synonym: coerce, deprive, imprison

(1) **enslave** poor peasants, (2) **enslave** indigenous people

Her beauty **enslaved** me completely.

unimaginable

adj. beyond what can be imagined or conceived; impossible to comprehend or envision

synonym: unthinkable, inconceivable, incredulous

(1) **unimaginable** horror, (2) **unimaginable** depths

The complexity of scientific theories was **unimaginable** for most people.

corruptible

adj. capable of being made to do something dishonest or immoral

synonym : bribable, dishonest, venal

(1) **corruptible** officials, (2) **corruptible** judges

Bureaucracies are more **corruptible** than other systems or organizations.

qualm

n. an uneasy feeling of doubt, uncertainty, or apprehension, often about the morality or propriety of action; a sudden fit or attack of pain or nausea

synonym : unease, apprehension, doubt

(1) **qualms** of conscience, (2) moral **qualms**

The politician didn't seem to have any **qualms** about lying to his constituents.

outsmart

v. to defeat or best someone through cleverness, cunning, or intelligence, to prevail over someone by being smarter or more strategic

synonym : outwit, beat, surpass

(1) **outsmart** the competition, (2) **outsmart** a conspiracy

He could **outsmart** his opponents with his quick thinking and strategic planning.

descendant

n. children or offspring of a specific person, plant, or animal

synonym : child, offspring, heir

(1) **descendant** of a pioneer, (2) third-generation

descendant

Those warriors' **descendants** are still skilled archers.

anthropomorphize

v. to attribute human characteristics, emotions, and abilities to non-human entities

synonym : personify, humanize

(1) **anthropomorphize** animals, (2) **anthropomorphize**

God

The children **anthropomorphized** their stuffed animals and gave them personalities.

asteroid

n. a small rocky body orbiting the sun, typically in the region between Mars and Jupiter

synonym : minor planet, planetoid, rocky planetesimal

(1) **asteroid** mining, (2) **asteroid** explorer

Scientists are studying the composition and origins of the **asteroid** belt to understand the early solar system better.

volcano

n. a mountain or hill, typically conical, having a crater or vent through which lava, rock fragments, hot vapor, and gas are or have been erupted from the earth's crust.

synonym : mount, peak, crater

(1) **volcano** alert level, (2) active **volcano**

The island was formed by a **volcano** millions of years ago.

gist

n. the essence or main point of a text, speech, or situation

synonym : essence, core, summary

(1) the **gist** of a claim, (2) get the **gist**

The **gist** of the article was that technology is rapidly changing our world.

bumble

v. to move or act clumsily or awkwardly; to speak or behave in an inept or confused manner

synonym : stumble, fumble, blunder

(1) **bumble** his way into a high-paying job, (2) **bumble** through his speeches

She tends to **bumble** through her work, making careless errors along the way.

unprepared

adj. not properly or adequately prepared; lacking preparation; not ready

synonym : inexperienced, caught off-guard, ill-equipped

(1) **unprepared** speech, (2) **unprepared** for the exam

The **unprepared** student struggled on the test and received a low grade.

dictator

n. a political leader who has complete power over a country, especially one who has obtained control by

force

synonym : autocrat, tyrant, despot

(1) military **dictator**, (2) a **dictator** with enormous powers
A popular uprising led to the overthrow of the **dictator**.

pious

adj. deeply religious, having or showing a strong devotion to God or religious beliefs and practices

synonym : religious, devout, godly

(1) **pious** belief, (2) **pious** follower

The **pious** woman spent her days volunteering at the local church.

hedonist

n. a person who believes that pleasure and happiness are the most important goals in life

synonym : pleasure-seeker, sensualist, sybarite

(1) **hedonist** lifestyle, (2) aesthetic **hedonist**

The **hedonist's** extravagant spending and indulgent lifestyle eventually caught up with him, and he was forced to make major changes.

rearrange

v. to change the order or position of things already made; to change the time, date, or place of an event already planned

synonym : readjust, reorganize, reconstruct

(1) **rearrange** the furniture, (2) **rearrange** his schedule

Please **rearrange** these files as we start a new project tomorrow.

astronomical

adj. relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude

synonym : huge, vast, enormous

(1) **astronomical** observation, (2) **astronomical** numbers

The cost of the new equipment was **astronomical** and beyond the company's budget.

mantra

n. a word or phrase, often repeated, that is used as a focus for the mind during meditation

synonym: hymn, chant, phrase

(1) campaign **mantra**, (2) chant the **mantra** of structural reform

She repeated her personal **mantra** to herself to stay motivated.

rudder

n. a flat, vertical blade at the rear of a vessel that can be turned horizontally to steer the vessel by changing its direction of movement; a device used in aircraft to control its yaw (side-to-side movement)

synonym: helm, tiller, steering gear

(1) **rudder** control, (2) **rudder** movement

The small boat's **rudder** was damaged in the storm, making it difficult to steer.

obsolescence

n. the process of becoming obsolete or outdated; the state of being no longer useable or relevant due to technological or social changes

synonym: outdatedness, antiquity, disuse

(1) planned **obsolescence**, (2) technological **obsolescence**

The rapid pace of technological advances has led to the **obsolescence** of many older products.

amazement

n. a state of great surprise or wonder caused by something extraordinary or unexpected

synonym: astonishment, wonder, surprise

(1) express **amazement**, (2) feeling of **amazement**

The magician's disappearing act left the audience in **amazement**.

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.

empower

v. to give someone the power or authority to do something
synonym: authorize, endow, entitle

(1) **empower** my life, (2) **empower** the secretary to do the same

The company **empowered** employees to buy low-price items without approval to achieve efficient purchasing.

Session 2: Spelling

1. campaign ma___a *n.* a word or phrase, often repeated, that is used as a focus for the mind during meditation
2. pi__s belief *adj.* deeply religious, having or showing a strong devotion to God or religious beliefs and practices
3. he_____st lifestyle *n.* a person who believes that pleasure and happiness are the most important goals in life
4. jazz imp_____ion *n.* the act of making something up on the spot or creating or performing something without preparation
5. mal_____on alarm *v.* to fail to operate or work properly; to break down or stop functioning as expected or intended; (noun) a failure or defect in the way a machine, system, or device is supposed to operate
6. earliest human an_____or *n.* a person from whom one is descended; a forefather
7. baby bu__y *n.* a small, lightweight car, usually with no roof, especially drawn by a single horse; (adjective) infested with bugs
8. cha_____st beliefs *n.* a person who is aggressively or excessively patriotic and who believes in the superiority of their gender, race, or nationality, often to the detriment or oppression of others

ANSWERS: 1. mantra, 2. pious, 3. hedonist, 4. improvisation, 5. malfunction, 6. ancestor, 7. buggy, 8. chauvinist

9. em_____r my life *v.* to give someone the power or authority to do something
10. ast_____cal observation *adj.* relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude
11. long-ti_____le *n.* a period or interval of time, particularly one used as a standard for measuring or comparing other periods of time; a reference point or benchmark for the duration or length of a particular event or process
12. moral qu___ms *n.* an uneasy feeling of doubt, uncertainty, or apprehension, often about the morality or propriety of action; a sudden fit or attack of pain or nausea
13. digital sup_____nce *n.* a hypothetical agent, for example, a computer or space alien, that possesses intelligence far surpassing that of humankind
14. cor_____le judges *adj.* capable of being made to do something dishonest or immoral
15. uni_____ble horror *adj.* beyond what can be imagined or conceived; impossible to comprehend or envision
16. co___r honor *v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
17. fl_____er in water *v.* to struggle or stumble awkwardly; to move or act clumsily or in confusion; to be in a difficult or uncertain situation

ANSWERS: 9. empower, 10. astronomical, 11. timescale, 12. qualm, 13. superintelligence, 14. corruptible, 15. unimaginable, 16. confer, 17. flounder

18. ta____ay message *n.* a message or conclusion that can be taken away from a situation or piece of information
19. ai____g deployment *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
20. pr____l the ship *v.* to move, drive or push something forward or in a particular direction, often with a lot of force
21. bu____e through his speeches *v.* to move or act clumsily or awkwardly; to speak or behave in an inept or confused manner
22. rhi____os habitat *n.* (also rhino) a large, thick-skinned mammal with one or two horns on the nose, typically found in Africa and Asia.
23. ind____us worker *adj.* hardworking, diligent, and persistent in effort
24. re____ge his schedule *v.* to change the order or position of things already made; to change the time, date, or place of an event already planned
25. ext____sh the street lamp *v.* to cause a fire to stop burning or light to stop shining
26. pr____l growth *v.* to move, drive or push something forward or in a particular direction, often with a lot of force
27. fl____sh economically *v.* to grow or develop vigorously or successfully
28. unp____ed for the exam *adj.* not properly or adequately prepared; lacking preparation; not ready

ANSWERS: 18. takeaway, 19. airbag, 20. propel, 21. bumble, 22. rhinoceros, 23. industrious, 24. rearrange, 25. extinguish, 26. propel, 27. flourish, 28. unprepared

29. late co_____er *n.* one of several people who establishes an organization or starts a business
30. am__e a baby with a rattle *v.* to entertain or divert the mind; to make someone laugh
31. origin of the co___s *n.* another name for the universe, mainly used when it is thought of as an ordered system
32. bu___e his way into a high-paying job *v.* to move or act clumsily or awkwardly; to speak or behave in an inept or confused manner
33. ast_____cal numbers *adj.* relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude
34. unp_____ed speech *adj.* not properly or adequately prepared; lacking preparation; not ready
35. artificial sup_____nce *n.* a hypothetical agent, for example, a computer or space alien, that possesses intelligence far surpassing that of humankind
36. chant the ma___a of structural reform *n.* a word or phrase, often repeated, that is used as a focus for the mind during meditation
37. uni_____ble depths *adj.* beyond what can be imagined or conceived; impossible to comprehend or envision
38. bu__y update *n.* a small, lightweight car, usually with no roof, especially drawn by a single horse; (adjective) infested with bugs
39. aesthetic he_____st *n.* a person who believes that pleasure and happiness are the most important goals in life

ANSWERS: 29. cofounder, 30. amuse, 31. cosmos, 32. bumble, 33. astronomical, 34. unprepared, 35. superintelligence, 36. mantra, 37. unimaginable, 38. buggy, 39. hedonist

40. re_____on limit *n.* the process of repeating or looping through a set of instructions or functions within another function, often used in programming and computer science
41. seismic per_____ion *n.* a state of anxiety, confusion, or disturbance; a deviation or disruption from the normal or expected state
42. turn out to be all s__m *n.* something that is not as good or true as it seems to be and is intended to deceive people; a person who pretends to be something they are not
43. ind_____us student *adj.* hardworking, diligent, and persistent in effort
44. cor_____le officials *adj.* capable of being made to do something dishonest or immoral
45. a computer n__d *n.* a person who is very interested in and knowledgeable about a particular subject such as computers, mathematics, chess, etc.
46. get the g__t *n.* the essence or main point of a text, speech, or situation
47. st__r a conversation *v.* to control the direction or movement of a vehicle; to direct a course of action; to guide or motivate someone
48. co_____a spiral *n.* a spiral-shaped cavity in the inner ear that is responsible for hearing; it contains sensory hair cells that convert vibrations into electrical signals that are sent to the brain for interpretation

ANSWERS: 40. recursion, 41. perturbation, 42. sham, 43. industrious, 44. corruptible, 45. nerd, 46. gist, 47. steer, 48. cochlea

49. re_____on depth *n.* the process of repeating or looping through a set of instructions or functions within another function, often used in programming and computer science
50. lo__e egg *n.* a small, wingless insect that lives on the bodies of mammals and birds, often considered a parasite; a contemptible or despicable person
51. triple ba_____ip *n.* an athletic move in which a person jumps backward and performs a complete rotation in the air, often ending in a standing position
52. vo_____o alert level *n.* a mountain or hill, typically conical, having a crater or vent through which lava, rock fragments, hot vapor, and gas are or have been erupted from the earth's crust.
53. imp_____ion on stage *n.* the act of making something up on the spot or creating or performing something without preparation
54. ultimate gr__l *n.* a sacred or highly prized object, often associated with a quest or search for something elusive or unattainable
55. technological obs_____nce *n.* the process of becoming obsolete or outdated; the state of being no longer useable or relevant due to technological or social changes
56. em_____r the secretary to do the same *v.* to give someone the power or authority to do something

ANSWERS: 49. recursion, 50. louse, 51. backflip, 52. volcano, 53. improvisation, 54. grail, 55. obsolescence, 56. empower

57. ou____rt a conspiracy *v.* to defeat or best someone through cleverness, cunning, or intelligence, to prevail over someone by being smarter or more strategic
58. traditional me_____al *adj.* of or relating to the treatment or cure of disease
59. emotional per_____ion *n.* a state of anxiety, confusion, or disturbance; a deviation or disruption from the normal or expected state
60. ant_____ize God *v.* to attribute human characteristics, emotions, and abilities to non-human entities
61. company mo__o *n.* a phrase or slogan that expresses a guiding principle or goal
62. ex____t by human activity *adj.* no longer in existence
63. active vo____o *n.* a mountain or hill, typically conical, having a crater or vent through which lava, rock fragments, hot vapor, and gas are or have been erupted from the earth's crust.
64. ext_____sh a cigarette *v.* to cause a fire to stop burning or light to stop shining
65. third-generation des_____nt *n.* children or offspring of a specific person, plant, or animal
66. me_____al chemistry *adj.* of or relating to the treatment or cure of disease
67. as____id mining *n.* a small rocky body orbiting the sun, typically in the region between Mars and Jupiter

ANSWERS: 57. outsmart, 58. medicinal, 59. perturbation, 60. anthropomorphize, 61. motto, 62. extinct, 63. volcano, 64. extinguish, 65. descendant, 66. medicinal, 67. asteroid

68. racial cha_____st *n.* a person who is aggressively or excessively patriotic and who believes in the superiority of their gender, race, or nationality, often to the detriment or oppression of others
69. di_____t a well-ordered condition *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
70. traditional han_____fts *n.* a skill or trade that involves making things by hand, often using traditional methods and materials, which include activities such as woodworking, sewing, pottery, and weaving
71. pa_____er battery *n.* a small electronic device that is implanted in the chest to regulate the heartbeat of people with certain heart conditions; a person or thing that sets the pace or rhythm for others
72. ba_____ip trick *n.* an athletic move in which a person jumps backward and performs a complete rotation in the air, often ending in a standing position
73. st__r a steady course *v.* to control the direction or movement of a vehicle; to direct a course of action; to guide or motivate someone
74. an_____or language *n.* a person from whom one is descended; a forefather
75. ou_____rt the competition *v.* to defeat or best someone through cleverness, cunning, or intelligence, to prevail over someone by being smarter or more strategic

ANSWERS: 68. chauvinist, 69. disrupt, 70. handicraft, 71. pacemaker, 72. backflip, 73. steer, 74. ancestor, 75. outsmart

76. imp_____ble movement *adj.* undetectable or indiscernible by the senses or by normal means of measurement; extremely subtle, faint, or gradual
77. han_____ft workshop *n.* a skill or trade that involves making things by hand, often using traditional methods and materials, which include activities such as woodworking, sewing, pottery, and weaving
78. sti_____ze him as a swindler *v.* to accuse, condemn, or openly or formally consider somebody or something as not deserving respect
79. sense of op_____sm *n.* a feeling or the belief that good things will happen, or the quality of being full of hope and emphasizing the positive aspects of a situation
80. as_____ut mission *n.* a person trained by a space agency to travel outside the Earth's atmosphere
81. holy gr__l *n.* a sacred or highly prized object, often associated with a quest or search for something elusive or unattainable
82. co_____er of the university *n.* one of several people who establishes an organization or starts a business
83. co___r degree *v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
84. as_____id explorer *n.* a small rocky body orbiting the sun, typically in the region between Mars and Jupiter

ANSWERS: 76. imperceptible, 77. handicraft, 78. stigmatize, 79. optimism, 80. astronaut, 81. grail, 82. cofounder, 83. confer, 84. asteroid

85. mal_____on and start moving unpredictably *v.* to fail to operate or work properly; to break down or stop functioning as expected or intended; (noun) a failure or defect in the way a machine, system, or device is supposed to operate
86. sca_____ing campaign *n.* spreading frightening or alarming rumors or ideas, typically to manipulate public opinion in some way; (noun) the act of spreading or promoting fear or anxiety about a particular issue or event, often for political or personal gain
87. ant_____ize animals *v.* to attribute human characteristics, emotions, and abilities to non-human entities
88. a di____or with enormous powers *n.* a political leader who has complete power over a country, especially one who has obtained control by force
89. pi__s follower *adj.* deeply religious, having or showing a strong devotion to God or religious beliefs and practices
90. com_____nt with past successes *adj.* satisfied with the status quo and not wishing to make changes
91. implanted co____a *n.* a spiral-shaped cavity in the inner ear that is responsible for hearing; it contains sensory hair cells that convert vibrations into electrical signals that are sent to the brain for interpretation
92. ru____r control *n.* a flat, vertical blade at the rear of a vessel that can be turned horizontally to steer the vessel by changing its direction of movement; a device used in aircraft to control its yaw (side-to-side movement)

ANSWERS: 85. malfunction, 86. scaremongering, 87. anthropomorphize, 88. dictator, 89. pious, 90. complacent, 91. cochlea, 92. rudder

93. pubic lo__e *n.* a small, wingless insect that lives on the bodies of mammals and birds, often considered a parasite; a contemptible or despicable person
94. long-ex____t volcano *adj.* no longer in existence
95. military di____or *n.* a political leader who has complete power over a country, especially one who has obtained control by force
96. exploration of co____s *n.* another name for the universe, mainly used when it is thought of as an ordered system
97. express am____nt *n.* a state of great surprise or wonder caused by something extraordinary or unexpected
98. the mo__o for safe traffic *n.* a phrase or slogan that expresses a guiding principle or goal
99. defective ai____g *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
100. implanted pa____er *n.* a small electronic device that is implanted in the chest to regulate the heartbeat of people with certain heart conditions; a person or thing that sets the pace or rhythm for others
101. ov____er the suspect *v.* to conquer or establish complete control over someone by using superior strength
102. re____ge the furniture *v.* to change the order or position of things already made; to change the time, date, or place of an event already planned

ANSWERS: 93. louse, 94. extinct, 95. dictator, 96. cosmos, 97. amazement, 98. motto, 99. airbag, 100. pacemaker, 101. overpower, 102. rearrange

103. the g__t of a claim *n.* the essence or main point of a text, speech, or situation
104. en____on the future *v.* to imagine or expect what a situation will be like in the future
105. ru____r movement *n.* a flat, vertical blade at the rear of a vessel that can be turned horizontally to steer the vessel by changing its direction of movement; a device used in aircraft to control its yaw (side-to-side movement)
106. sti____ze the deviant as criminal *v.* to accuse, condemn, or openly or formally consider somebody or something as not deserving respect
107. fl____sh worldwide *v.* to grow or develop vigorously or successfully
108. realistic ti____le *n.* a period or interval of time, particularly one used as a standard for measuring or comparing other periods of time; a reference point or benchmark for the duration or length of a particular event or process
109. media sca____ing *n.* spreading frightening or alarming rumors or ideas, typically to manipulate public opinion in some way; (noun) the act of spreading or promoting fear or anxiety about a particular issue or event, often for political or personal gain
110. planned obs____nce *n.* the process of becoming obsolete or outdated; the state of being no longer useable or relevant due to technological or social changes

ANSWERS: 103. gist, 104. envision, 105. rudder, 106. stigmatize, 107. flourish, 108. timescale, 109. scaremongering, 110. obsolescence

111. en_____e indigenous people *v.* to make someone a slave; to deprive someone of their freedom of choice or action
112. em_____ss political enemy *v.* to cause someone to feel awkward, worried, or ashamed
113. des_____nt of a pioneer *n.* children or offspring of a specific person, plant, or animal
114. white rhi_____os *n.* (also rhino) a large, thick-skinned mammal with one or two horns on the nose, typically found in Africa and Asia.
115. ta_____ay pizza *n.* a message or conclusion that can be taken away from a situation or piece of information
116. as_____ut in training *n.* a person trained by a space agency to travel outside the Earth's atmosphere
117. qu__ms of conscience *n.* an uneasy feeling of doubt, uncertainty, or apprehension, often about the morality or propriety of action; a sudden fit or attack of pain or nausea
118. em_____ss my project *v.* to cause someone to feel awkward, worried, or ashamed
119. political op_____sm *n.* a feeling or the belief that good things will happen, or the quality of being full of hope and emphasizing the positive aspects of a situation
120. am__e guests *v.* to entertain or divert the mind; to make someone laugh
121. en_____e poor peasants *v.* to make someone a slave; to deprive someone of their freedom of choice or action

ANSWERS: 111. enslave, 112. embarrass, 113. descendant, 114. rhinoceros, 115. takeaway, 116. astronaut, 117. qualm, 118. embarrass, 119. optimism, 120. amuse, 121. enslave

122. n__d neck *n.* a person who is very interested in and knowledgeable about a particular subject such as computers, mathematics, chess, etc.
123. en____ on the project's success *v.* to imagine or expect what a situation will be like in the future
124. di____t sleep *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
125. a s__m battle *n.* something that is not as good or true as it seems to be and is intended to deceive people; a person who pretends to be something they are not
126. fl____er with decisions *v.* to struggle or stumble awkwardly; to move or act clumsily or in confusion; to be in a difficult or uncertain situation
127. com____nt attitude *adj.* satisfied with the status quo and not wishing to make changes
128. imp____ble difference *adj.* undetectable or indiscernible by the senses or by normal means of measurement; extremely subtle, faint, or gradual
129. feeling of am____nt *n.* a state of great surprise or wonder caused by something extraordinary or unexpected
130. ov____er the opponent *v.* to conquer or establish complete control over someone by using superior strength

ANSWERS: 122. nerd, 123. envision, 124. disrupt, 125. sham, 126. flounder, 127. complacent, 128. imperceptible, 129. amazement, 130. overpower

ANSWERS:

Session 3: Fill in the Blanks

1. Please _____ these files as we start a new project tomorrow.
 - v.* to change the order or position of things already made; to change the time, date, or place of an event already planned

2. The captain told him to _____ the ship north.
 - v.* to control the direction or movement of a vehicle; to direct a course of action; to guide or motivate someone

3. Damage to the _____ can cause hearing loss or deafness.
 - n.* a spiral-shaped cavity in the inner ear that is responsible for hearing; it contains sensory hair cells that convert vibrations into electrical signals that are sent to the brain for interpretation

4. Those warriors' _____ are still skilled archers.
 - n.* children or offspring of a specific person, plant, or animal

5. She was _____ by society because she had a child out of wedlock.
 - v.* to accuse, condemn, or openly or formally consider somebody or something as not deserving respect

6. She spent her free time making _____ like pottery and crocheting to sell at the local market.
 - n.* a skill or trade that involves making things by hand, often using traditional methods and materials, which include activities such as woodworking, sewing, pottery, and weaving

7. The _____ student struggled on the test and received a low grade.
 - adj.* not properly or adequately prepared; lacking preparation; not ready

ANSWERS: 1. rearrange, 2. steer, 3. cochlea, 4. descendants, 5. stigmatized, 6. handicrafts, 7. unprepared

8. Her beauty _____ me completely.
- v.* to make someone a slave; to deprive someone of their freedom of choice or action
9. She repeated her personal _____ to herself to stay motivated.
- n.* a word or phrase, often repeated, that is used as a focus for the mind during meditation
10. The _____ extravagant spending and indulgent lifestyle eventually caught up with him, and he was forced to make major changes.
- n.* a person who believes that pleasure and happiness are the most important goals in life
11. The _____ woman spent her days volunteering at the local church.
- adj.* deeply religious, having or showing a strong devotion to God or religious beliefs and practices
12. The company's _____ is "Innovation and Service," which is reflected in its products and customer support.
- n.* a phrase or slogan that expresses a guiding principle or goal
13. The children _____ their stuffed animals and gave them personalities.
- v.* to attribute human characteristics, emotions, and abilities to non-human entities
14. The company _____ employees to buy low-price items without approval to achieve efficient purchasing.
- v.* to give someone the power or authority to do something
15. Supercomputers enable scientists to create computational models of the _____.
- n.* another name for the universe, mainly used when it is thought of as an ordered system

ANSWERS: 8. enslaved, 9. mantra, 10. hedonist's, 11. pious, 12. motto, 13. anthropomorphized, 14. empowered, 15. cosmos

16. He could _____ his opponents with his quick thinking and strategic planning.
- v.* to defeat or best someone through cleverness, cunning, or intelligence, to prevail over someone by being smarter or more strategic
17. I watched him _____ through the difficult math problem, unable to find a solution.
- v.* to struggle or stumble awkwardly; to move or act clumsily or in confusion; to be in a difficult or uncertain situation
18. The complexity of scientific theories was _____ for most people.
- adj.* beyond what can be imagined or conceived; impossible to comprehend or envision
19. The politician didn't seem to have any _____ about lying to his constituents.
- n.* an uneasy feeling of doubt, uncertainty, or apprehension, often about the morality or propriety of action; a sudden fit or attack of pain or nausea
20. She tends to _____ through her work, making careless errors along the way.
- v.* to move or act clumsily or awkwardly; to speak or behave in an inept or confused manner
21. He created a beautiful piece of music using only _____.
- n.* the act of making something up on the spot or creating or performing something without preparation
22. My remote _____ immigrated to the United States from Ireland in the 1800s.
- n.* a person from whom one is descended; a forefather
23. He _____ himself by playing video games during his free time.
- v.* to entertain or divert the mind; to make someone laugh

ANSWERS: 16. outsmart, 17. flounder, 18. unimaginable, 19. qualms, 20. bumble, 21. improvisation, 22. ancestor, 23. amused

24. His _____ attitudes towards immigrants were offensive and ignorant.
- n.* a person who is aggressively or excessively patriotic and who believes in the superiority of their gender, race, or nationality, often to the detriment or oppression of others
25. The magician's disappearing act left the audience in _____.
- n.* a state of great surprise or wonder caused by something extraordinary or unexpected
26. Scientists are studying the composition and origins of the _____ belt to understand the early solar system better.
- n.* a small rocky body orbiting the sun, typically in the region between Mars and Jupiter
27. There is considerable _____ that the economy will recover soon.
- n.* a feeling or the belief that good things will happen, or the quality of being full of hope and emphasizing the positive aspects of a situation
28. A popular uprising led to the overthrow of the _____.
- n.* a political leader who has complete power over a country, especially one who has obtained control by force
29. The _____ for completing the construction project is three years.
- n.* a period or interval of time, particularly one used as a standard for measuring or comparing other periods of time; a reference point or benchmark for the duration or length of a particular event or process
30. The _____ properties of this herb have been known to help with various ailments.
- adj.* of or relating to the treatment or cure of disease

ANSWERS: 24. chauvinistic, 25. amazement, 26. asteroid, 27. optimism, 28. dictator, 29. timescale, 30. medicinal

31. The data he prepared was completely _____.
- n.* something that is not as good or true as it seems to be and is intended to deceive people; a person who pretends to be something they are not
32. The sound was _____ to the human ear, but the sensitive microphone could pick it up.
- adj.* undetectable or indiscernible by the senses or by normal means of measurement; extremely subtle, faint, or gradual
33. He was known to be very _____ and would often work late into the night.
- adj.* hardworking, diligent, and persistent in effort
34. The small boat's _____ was damaged in the storm, making it difficult to steer.
- n.* a flat, vertical blade at the rear of a vessel that can be turned horizontally to steer the vessel by changing its direction of movement; a device used in aircraft to control its yaw (side-to-side movement)
35. The Ottoman Empire _____ for over five centuries.
- v.* to grow or develop vigorously or successfully
36. The baby _____ at the wildlife sanctuary was recently born and is very cute.
- n.* (also rhino) a large, thick-skinned mammal with one or two horns on the nose, typically found in Africa and Asia.
37. The unexpected financial crisis caused a _____ in the stock market, leading to widespread panic among investors.
- n.* a state of anxiety, confusion, or disturbance; a deviation or disruption from the normal or expected state

ANSWERS: 31. sham, 32. imperceptible, 33. industrious, 34. rudder, 35. flourished, 36. rhinoceros, 37. perturbation

38. 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
39. The acrobat finished her act with a series of _____ off the trampoline.
- n.* an athletic move in which a person jumps backward and performs a complete rotation in the air, often ending in a standing position
40. The team encountered an infinite _____ error in their code, causing the program to crash.
- n.* the process of repeating or looping through a set of instructions or functions within another function, often used in programming and computer science
41. This Middle Eastern resort offers dune _____ tours through the desert.
- n.* a small, lightweight car, usually with no roof, especially drawn by a single horse; (adjective) infested with bugs
42. The politician's _____ tactics were criticized for unnecessarily inflaming public fears and anxieties.
- n.* spreading frightening or alarming rumors or ideas, typically to manipulate public opinion in some way; (noun) the act of spreading or promoting fear or anxiety about a particular issue or event, often for political or personal gain
43. We cannot _____ her as President.
- v.* to imagine or expect what a situation will be like in the future
44. The leaders of the two countries met to _____ on the issue.
- v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something

ANSWERS: 38. airbag, 39. backflips, 40. recursion, 41. buggy, 42. scaremongering, 43. envision, 44. confer

45. Many species have become _____ due to habitat destruction and other human activities.

adj. no longer in existence

46. Bureaucracies are more _____ than other systems or organizations.

adj. capable of being made to do something dishonest or immoral

47. An increase in employment helps _____ economic growth.

v. to move, drive or push something forward or in a particular direction, often with a lot of force

48. He is looking for evidence of the existence of _____ from cosmic signals.

n. a hypothetical agent, for example, a computer or space alien, that possesses intelligence far surpassing that of humankind

49. Some people with _____ may need to avoid certain activities or sources of electromagnetic interference.

n. a small electronic device that is implanted in the chest to regulate the heartbeat of people with certain heart conditions; a person or thing that sets the pace or rhythm for others

50. The child was sent home from school because of a lice infestation caused by one _____.

n. a small, wingless insect that lives on the bodies of mammals and birds, often considered a parasite; a contemptible or despicable person

51. The shuttle _____ trained for months before embarking on the space mission.

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

ANSWERS: 45. extinct, 46. corruptible, 47. propel, 48. superintelligence, 49. pacemakers, 50. louse, 51. astronaut

52. The shooter was eventually _____ and arrested by police.
v. to conquer or establish complete control over someone by using superior strength
53. He looked for an opportunity to _____ that actor in public.
v. to cause someone to feel awkward, worried, or ashamed
54. He became _____ in his job and stopped trying to improve.
adj. satisfied with the status quo and not wishing to make changes
55. He was, by nature, a cyber _____.
n. a person who is very interested in and knowledgeable about a particular subject such as computers, mathematics, chess, etc.
56. Firefighters made every effort to _____ the blaze immediately.
v. to cause a fire to stop burning or light to stop shining
57. The island was formed by a _____ millions of years ago.
n. a mountain or hill, typically conical, having a crater or vent through which lava, rock fragments, hot vapor, and gas are or have been erupted from the earth's crust.
58. The rapid pace of technological advances has led to the _____ of many older products.
n. the process of becoming obsolete or outdated; the state of being no longer useable or relevant due to technological or social changes
59. The _____ of the article was that technology is rapidly changing our world.
n. the essence or main point of a text, speech, or situation

ANSWERS: 52. overpowered, 53. embarrass, 54. complacent, 55. nerd, 56. extinguish, 57. volcano, 58. obsolescence, 59. gist

60. The search for the _____ is often used as a metaphor for any difficult quest or task.
- n.* a sacred or highly prized object, often associated with a quest or search for something elusive or unattainable
61. I'm so sorry to _____ you when you're pretty busy.
- v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
62. The cost of the new equipment was _____ and beyond the company's budget.
- adj.* relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude
63. The main _____ from the meeting was the need for better communication.
- n.* a message or conclusion that can be taken away from a situation or piece of information
64. He is the _____ and chairman of this tech company.
- n.* one of several people who establishes an organization or starts a business
65. The car's engine _____ on the highway, so we had to call for a tow truck.
- v.* to fail to operate or work properly; to break down or stop functioning as expected or intended; (noun) a failure or defect in the way a machine, system, or device is supposed to operate

ANSWERS: 60. grail, 61. disrupt, 62. astronomical, 63. takeaway, 64. cofounder, 65. malfunctioned