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Vocabulary Builder Reference from...

Prince William: This decade calls for Earthshots to repair our planet | TED Talk https://www.ted.com/talks/prince_william_this_decade _calls_for_earthshots_to_repair_our_planet



All Words

IMPORTANT

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Session 1: Word List

trace

- v. to find or discover someone or something that was lost synonym: seek, follow, depict
- (1) **trace** a telephone call, (2) **trace** back to medieval times Let's **trace** the origins of some familiar foreign words.

oak

- a large deciduous tree that is common in northern regions and produces small nuts called acorns
- (1) the wine in giant **oak** vats, (2) old **oak** trees Large **oak** trees cast a shadow in the garden.

castle

 a large building, typically of the medieval period, fortified against attack with thick walls, battlements, towers, and often a moat

synonym: fortress, palace, citadel

(1) the ruins of a **castle**, (2) **castle** moat

The medieval **castle** was surrounded by a moat and had high walls for protection.

monarch

- n. a person who rules a country, such as a king or queensynonym: ruler, sovereign, majesty
- (1) an absolute **monarch**, (2) **monarch** butterflies

 She came from a commoner background but eventually

became the **monarch** of that country.

surround

- v. to be all around something or somebody synonym: encircle, encompass, envelop
- (1) **surround** a town, (2) a stone wall **surrounds** the palace On three sides, mountains **surround** the settlement.

amaze

- v. to fill with wonder, surprise, or admiration synonym: astound, surprise, stagger
- (1) **amaze** and entertain visitors, (2) **amaze** everyone The magician's tricks **amazed** the audience.

soil

- n. the top layer of Earth in which plants grow synonym: earth, ground, mud
- (1) **soils** retentive of moisture, (2) parched **soil Soil** moisture is another significant component controlling soil respiration.

sunlight

- n. the light emitted by the sun; the rays of the sun synonym: daylight, rays, sunshine
- a glare of sunlight,
 in direct sunlight
 Radiation from sunlight has a different wavelength.

germinate

- v. to begin to grow or develop, typically as a seed sprouts synonym: sprout, grow, develop
- (1) days to **germinate**, (2) **germinate** the idea The seeds **germinated** quickly in the warm soil.

(1) **reign** of a dictator, (2) **reign** as sovereign

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reign

- n. the period of time during which a monarch or government holds power; (verb) to be the king or queen synonym: rule, governance, sovereignty
- The dictator's **reign** was characterized by widespread human rights abuses and suppression of political opposition.

conquer

- v. to bring under control by force or authority synonym: defeat, overpower, subdue
- (1) **conquer** fatal disease, (2) **conquer** the world You must **conquer** your anxiety about driving.

acorn

 the fruit of an oak tree; a small, hard-shelled nut that is a traditional symbol of autumn and is often eaten by animals

synonym: seed, nut, mast

(1) **acorn** woodpecker, (2) **acorn** squash
The squirrel gathered **acorns** to prepare for the winter months.

impressive

adj. arousing admiration due to size, quality, or skillsynonym: impactful, remarkable, exceptional

(1) **impressive** performances, (2) an **impressive** array of facts

The budget reduction was an **impressive** feat for our nation.

giant

adj. enormous; much bigger or more important than similar items usually are

synonym: big, gigantic, huge

(1) giant trees, (2) giant tech company

The **giant** jets gradually dominate the world's airlines.

amazing

adj. extremely surprising, especially in a way that you like or admire

synonym: exceptional, extraordinary, wonderful

(1) **amazing** advances, (2) the most **amazing** feeling The golfer recorded an **amazing** distance.

survive

- v. to live or exist despite a dangerous event or period synonym: endure, persist, stay
- (1) **survive** a blizzard, (2) **survive** a plane crash These birds can only **survive** in temperate climates.

gnarled

adj. twisted and rough, especially because of age or exposure; having the texture of a rough and knotted surface

synonym: knotty, twisted, contorted

(1) gnarled fingers, (2) gnarled branches

The **gnarled** tree roots made the path difficult to walk on.

hollow

adj. having a hole, empty space inside, or indentation on the surface

synonym: cavity, depression, concavity

(1) have **hollow** legs, (2) **hollow** sound

The tree had a **hollow** trunk, which made it easy for animals to take shelter inside.

planet

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

synonym: earth, world, globe

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

lifetime

- n. the duration of someone's life or something's existence;synonym: lifespan, duration
- (1) **lifetime** benefits, (2) **lifetime** ban from the sport She had lived through two world wars in her **lifetime**.

humankind

- n. the whole of the living human inhabitants of the earth synonym: humanity, human race, society
- (1) **humankind** as a species, (2) history of **humankind**On the geological time scale, **humankind** has existed for a brief moment.

invention

n. the creation of a new device or process resulting from study and experimentation; the act of inventing

synonym: creation, design, innovation

(1) the invention of new techniques, (2) common invention

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Necessity is the mother of **invention**.

vaccine

a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)

synonym: vaccinum

(1) development of vaccines, (2) an oral vaccine The mRNA vaccine was approved in less than a year because it did not contain the fragments of the target virus.

explore

to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it

synonym: analyze, delve into, examine

(1) **explore** the world, (2) **explore** our options The management must **explore** strategies to increase office security.

globe

the earth or world, mainly used to emphasize its vastness

synonym: Earth, world, sphere

(1) terrestrial **globe**, (2) around the **globe** His final goal is to sail around the **globe**.

sequence

a series of related events, actions, numbers, etc., which n. have a particular order

synonym: arrangement, succession, series

(1) the **sequence** of the seasons, (2) the DNA **sequence** We do move forward with those tasks in **sequence** next week.

- the complete set or sequence of genes of a human, animal, plant, or other living things
- (1) sequencing of the human **genome**, (2) **genome** analyses

The human **genome** contains approximately three billion

genome

chemical base pairs.

atmosphere

- n. the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative worksynonym: air, ambiance, circumstances
- (1) carbon dioxide in the **atmosphere**, (2) a convivial **atmosphere**

The spaceship began to burn up as it approached the Earth's **atmosphere**.

innovation

 the creation of a new device or process resulting from study and experimentation

synonym: invention, initiation, creation

(1) **innovation** leader, (2) cutting-edge **innovation**The vegetarian burger was an **innovation** that quickly spread to the United Kingdom.

incredible

adj. unbelievable; enormoussynonym: unbelievable, fantastical, inconceivable

(1) **incredible** amount, (2) at **incredible** speed Her response revealed **incredible** idiocy.

acceleration

 a rate of increase in velocity; the rate of change of velocity with respect to time

synonym: speed up, quicken, hastening

(1) a unit of **acceleration**, (2) **acceleration** of an object The car's **acceleration** was impressive, going from 0 to 60 mph in just 5 seconds.

accelerate

v. to make something faster or earlier; to cause to develop or progress more quickly

synonym: speed up, quicken, rev

(1) **accelerate** a chemical reaction, (2) **accelerate** the car The government tried to **accelerate** the commercialization of this development.

climate

n. the weather in a particular location averaged over some long period

synonym: atmosphere, weather, environment

(1) a cold **climate**, (2) effects of **climate** change **Climate** and weather have an impact on every part of our lifestyles.

peril

n. serious and great danger or risk

synonym: hazard, danger, threat

(1) the **peril** of the sea, (2) environmental **peril**Due to hunger, the lives of the refugees were in **peril**.

consequence

 the outcome of a particular action or event, especially relative to an individual

synonym: result, impact, outcome

(1) unintended **consequences**, (2) the **consequence** of an argument

These economic activities had disastrous environmental **consequences**.

irrefutable

adj. impossible to deny, challenge, or disputesynonym: undeniable, incontrovertible, indubitable

(1) an **irrefutable** argument, (2) **irrefutable** facts
The evidence was **irrefutable** and convinced the jury.

damage

v. to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity

synonym: harm, impair, injure

(1) **damage** a relationship, (2) **damage** assessment During the surgery, the doctor had to be extremely cautious not to **damage** a blood vessel.

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	/ .

vulnerable

adj. capable of being hurt or influenced physically or mentally

synonym: susceptible, exposed, weak

(1) a **vulnerable** bridge, (2) **vulnerable** parts of the body Infants and pregnant women are particularly **vulnerable**.

stark

adj. empty, simple, or apparent; devoid of any qualifications *synonym*: crude, blunt, desolate

(1) stark landscape, (2) stark truth

The scenery of the battlefield was **stark** and grey.

terrifying

adj. very frightening or intimidating

synonym: frightening, intimidating, alarming

(1) **terrifying** experience, (2) **terrifying** events

Large earthquakes often generate **terrifying** tsunamis.

massive

adj. enormous amount; very heavy and solid

synonym: enormous, giant, immense

(1) **massive** amounts, (2) **massive** stars

The recent economic downturn has resulted in **massive** layoffs.

intractable

adj. difficult to manage or control; stubborn or obstinate

synonym: obstinate, stubborn, unyielding

(1) intractable pain, (2) intractable situation

The **intractable** problem defied a solution.

overwhelming

adj. very great or intense; so powerful that you cannot fight or react against it

synonym: overpowering, astounding, amazing

(1) **overwhelming** majority, (2) an **overwhelming** victory He has shown signs of uneasiness and **overwhelming**

worry.

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.

extraordinary

adj. exceptional, unexpected, very unusual; surpassing the ordinary or usual

synonym: exceptional, noteworthy, astonishing

(1) **extraordinary** ability, (2) **extraordinary** weather He narrated the **extraordinary** story of his adventure.

strive

- v. to try very hard to do, achieve, or obtain something synonym: preserve, endure, persist
- (1) **strive** hard to get, (2) **strive** for excellence They **strived** to make their dream come true.

achieve

v. to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do

synonym: accomplish, attain, reach

(1) achieve success, (2) achieve milestonesI will work hard to achieve my goals and realize my dreams.

inspire

v. to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

synonym: boost, encourage, enlighten

(1) **inspire** a feeling of curiosity, (2) **inspire** him to write a novel

The unique style of this martial arts **inspired** many action film producers.

president

n. the leader of a republic, for example, the US; the person in charge of the organization such as a company,

university, club, etc.

synonym: leader, CEO, chairperson

president emeritus, (2) vice- president for finance
 The club president does not have absolute power.

moonshot

 an ambitious, risky, and innovative project or goal, especially one that is intended to bring about radical change or breakthroughs in a particular field or industry, often inspired by the lunar landing mission of Apollo 11 in 1969

synonym: initiative, endeavor, pursuit

(1) Al moonshot, (2) moonshot idea

The company's **moonshot** project aims to develop a revolutionary new technology within a tight deadline.

crazy

adj. stupid or not sensible; very angry synonym: insane, absurd, bizarre

(1) **crazy** about cars and racing, (2) a **crazy** scheme The rain and thunder are **crazy** today.

launch

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

synonym: start, initiate, begin

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

satellite

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

synonym: orbiter, asteroid, moon

(1) a GPS **satellite**, (2) a meteorological **satellite** Launching an artificial **satellite** contributed to the technological development of our country.

encompass

- v. to surround or cover something completely; to include a large number of or different types of things entirely
 synonym: surround, encircle, include
- (1) **encompass** a broad range, (2) **encompass** the enemy The optimal solution that would **encompass** all these elements has yet to be proposed.

leap

v. to jump or spring into the air, often with the feet leaving the ground or a surface below; to move quickly or suddenly, often forward or upward

synonym: jump, bound, hop

(1) **leap** to a conclusion, (2) **leap** of faith

The athlete was able to **leap** over the hurdle with ease.

ambition

- n. a strong wish to do or achieve somethingsynonym: purpose, aim, endeavor
- (1) an **ambition** for political power, (2) boundless **ambition** Greed and **ambition** composed his personality.

equip

- v. to provide a person or a place with the things that are needed for a particular purpose or activity
- synonym: prepare, furnish, provide

 (1) equip an army (2) equip our children wit
- (1) **equip** an army, (2) **equip** our children with some special skills

The construction company **equipped** the building with an earthquake-resistant device.

scan

v. to examine something hastily, with the eyes or with a machine, to get information

synonym: look over, scrutinize, browse

(1) **scan** the face of the man, (2) **scan** a document into PDF She stood on the podium and **scanned** an audience.

panel

n. a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something synonym: board, commission, discussion

(1) panel discussion, (2) cost of solar panels

A **panel** of economic advisers from the United States visited the country to help rebuild its economy.

harness

v. to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object

synonym: rein in, control, (noun) belt

(1) **harness** a horse to a carriage, (2) put a **harness** on my pet

People have been exploring ways to **harness** natural forces and resources since ancient times.

spirit

n. the part of a person which is the seat of their mind, feelings, and character rather than their physical body; the general atmosphere of a place or situation and the effect that it has on people

synonym: soul, attitude, enthusiasm

(1) **spirit** and the letter of the law, (2) an indomitable **spirit** Despite their tragic loss, the family is showing great **spirit**.

ingenuity

 the quality of inventing things or solving problems in clever new ways

synonym: creativity, invention, originality

(1) the infinite **ingenuity** of man, (2) abound in **ingenuity** Creativity and **ingenuity** are often brought about by extreme concentration.

laser

 a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification

synonym: beam, bar, ray

(1) laser printer, (2) pulse laser

The company holds patents on core components of **laser** jet printers.

urgency

 the quality of being very important and needing to be dealt with immediately

synonym: importance, importunity, urging

(1) **urgency** in the use of force, (2) matter of **urgency**She departed hurriedly because of some significant **urgency**in their affairs.

revive

 to bring back to life, consciousness, or strength; to restore

synonym: reanimate, rejuvenate, renew

(1) **revive** my energy, (2) **revive** an old friendship They **revived** the tradition of holding a parade on the main street every year.

sacrifice

n. the act of killing an animal or person or surrendering a possession as an offering to a deity; (verb) to give up something important or valuable to help another person or get or do something that seems more important

synonym: forfeit, immolation, gift

(1) small **sacrifice** for a great cause, (2) **sacrifice** anything to get ahead

You cannot accomplish great things without a **sacrifice** of your time or money.

coronavirus

n. a large family of viruses that can cause illness in humans and animals, which name comes from the crown-like spikes on the surface of the virus, which can be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2

synonym: covid

(1) **coronavirus** antibody test kit, (2) **coronavirus** bankruptcy

Considering the situation of **coronavirus**, organized stopped this year's beer festival.

pandemic

 an outbreak of a disease that affects many people over a very wide area *synonym*: outbreak

(1) flu pandemic, (2) global pandemic

They fear a **pandemic** of a new type of virus.

economy

n. the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel

synonym: finance, trade, business

(1) **economy** of scale, (2) **economy** class

The **economy** of the country is struggling due to the recent political instability.

recover

- v. to return to a former condition, health, mind, or strength synonym: come back, convalesce, heal
- (1) **recover** a loss, (2) **recover** approval ratings She is still **recovering** from a shot to her shoulder.

demonstrate

v. to display something or give an exhibition to an interested audience

synonym: show, illustrate, display

(1) **demonstrate** a difference, (2) **demonstrate** mastery How can you **demonstrate** that the earth is a sphere?

decide

- v. to make up someone's mind about something; to come to a conclusion or judgment after considering options synonym: choose, determine, settle
- (1) **decide** a question, (2) **decide** on a course of action She couldn't **decide** whether to order the pizza or the pasta for dinner.

overnight

adj. lasting for or occurring during one night; occurring or changing extremely quickly or suddenly; happening or being achieved in a short amount of time

synonym: all-night, sudden, immediate

(1) overnight parking, (2) overnight success

The **overnight** package delivery arrived at my door this morning.

repurpose

hero

 to use something again for a different purpose than it was originally intended

synonym: reutilize, recycle, reuse

- (1) **repurpose** an old building, (2) **repurpose** a used car The old barn was **repurposed** into a modern event space.
- a person who is admired or idealized for courage, outstanding achievements, or noble qualities; a character in literature or history who is central to the plot and who exhibits heroic qualities

synonym: champion, protagonist, savior

(1) local **hero**, (2) unsung **hero**

The soldier who sacrificed his life for his country is considered a national **hero**.

emerging

adj. starting to exist, mature, or become well-known *synonym*: arising, occurring, state-of-the-art

(1) **emerging** country, (2) **emerging** technologies **Emerging** technologies have dramatically improved productivity in various industries.

communal

adj. belonging to or used by a group rather than individuals; for common use

synonym: collaborative, combined, collective

(1) **communal** swimming pool, (2) **communal** combination of funds

Communal elections were held in several European countries.

wit

 the ability to say or write things or ideas in a clever and humorous way

synonym: humor, comedy, funniness

(1) the wit of man, (2) full of wit

He has the wit to keep talking about this topic.

crisis

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

synonym: concern, problem, emergency

(1) financial crisis, (2) crisis management

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

threat

 a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation

synonym: menace, danger, hazard

(1) economic threat, (2) environmental threat

The **threat** of severe weather prompted the city to issue an evacuation warning.

biodiversity

- the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment
- (1) **biodiversity** conservation, (2) loss of **biodiversity**The country was instrumental in promoting the **biodiversity** treaty.

deserve

v. to be worthy of or entitled to something, especially something good or valuable

synonym: merit, earn, justify

(1) **deserve** respect, (2) **deserve** this prize

The employee **deserved** the promotion for their hard work and dedication.

technological

adj. based on scientific and industrial progresssynonym: specialized, technical

(1) **technological** advancement, (2) **technological** policy **Technological** advances have disrupted many industries.

politician

 a person who is a member of a government or law-making organization, especially as an elected member of parliament, etc.

synonym: congressperson, lawmaker, legislator

(1) a **politician** in the ruling party, (2) a corrupt **politician**The **politician** lost his position in the end due to the scandal.

fishery

 an area of water where fish are caught in large quantities for living; a business or practice of catching and selling fish

synonym: fishing, piscary, angling

(1) **fishery** management, (2) commercial **fishery**The majority of the people on the island are **fishery** folk.

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.

committed

adj. willing to put in a lot of effort, time, and energy into something; firmly believing in something

synonym: devoted, faithful, attached

(1) in a **committed** relationship, (2) strong and **committed** sales staff

Our company is strongly **committed** to meeting customers' needs.

reward

n. a thing given in acknowledgment of service, hard work, achievement, etc.

synonym: compensation, gratuity, bonus

(1) the **reward** for good works, (2) shopping **rewards** cards Night fishing has a lot of **rewards**.

sector

 a distinct part or division of something often used to refer to a segment of an economy or industry; an area or field of work or activity synonym: division, department, branch

(1) industrial **sector**, (2) private **sector**

The technology **sector** is constantly evolving and innovating.

motivate

v. to make someone want to do something, especially something that requires tremendous work and effort

synonym: boost, encourage, inspire

(1) **motivate** the students, (2) all ability to **motivate**The ability to **motivate** people is a priceless asset.

incentive

 something, such as a punishment, reward, etc., that encourages a person to do something

synonym: encouragement, inducement, enticement

(1) financial **incentives**, (2) an **incentive** to work hard They have no **incentive** to win the game.

unleash

v. to suddenly release a strong force, emotion, etc. that cannot be controlled

synonym: discharge, free, release

(1) **unleash** a hound, (2) **unleash** her anger The general was still reluctant to **unleash** his troops in pursuit of an enemy.

determinant

 a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

synonym: cause, factor, element

(1) environmental **determinant**, (2) a **determinant** of crop yields

One **determinant** of success is having a positive attitude and a strong work ethic.

optimist

 a person who tends to expect the best in all things and to be hopeful and confident about the future

synonym: positive thinker, dreamer, idealist

(1) **optimist** by nature, (2) excessive **optimist**

She is a confident **optimist** who always looks on the bright side.

represent

to speak, act, or be present on behalf of another person or group; to form or constitute

synonym: depict, express, describe

(1) represent by a diagram, (2) the characters that represent numbers

We elected him to **represent** us at the international conference.

blip

- a sudden and small, and typically temporary, change or deviation from a general trend
- (1) temporary **blip**, (2) minor **blip** The stock market had one bad **blip** today.

magnificent

adj. extremely beautiful and impressive; grand or noble in thought or deed

synonym: splendid, brilliant, exquisite

(1) a **magnificent** plan, (2) a **magnificent** mountain The **magnificent** scene of the glacier is awe-inspiring.

thrive

- to grow vigorously; to make steady progress *synonym*: bloom, flourish, prosper
- (1) **thrive** in a society, (2) **thrive** on pressure Without investment, a business cannot **thrive**.

talent

a natural ability to be good at something; someone who n. has a natural ability to be good at something

synonym: endowment, aptitude, capability

(1) a person of diverse talents, (2) raw talent Numerous great professional sports talents have come from this city.

Session 2: Spelling

1. ex___e our options

2. a unit of acc ion

3. pulse la r

4. dem____te a difference

5. financial in____ves

6. op___st by nature

7. ter____ng experience

8. co____r fatal disease

9. st__k truth

10. small sa____ce for a great cause

v. to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it

 a rate of increase in velocity; the rate of change of velocity with respect to time

 a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification

v. to display something or give an exhibition to an interested audience

n. something, such as a punishment,reward, etc., that encourages a person to do something

 a person who tends to expect the best in all things and to be hopeful and confident about the future

adj. very frightening or intimidating

v. to bring under control by force or authority

adj. empty, simple, or apparent; devoid of any qualifications

n. the act of killing an animal or person or surrendering a possession as an offering to a deity; (verb) to give up something important or valuable to help another person or get or do something that seems more important

ANSWERS: 1. explore, 2. acceleration, 3. laser, 4. demonstrate, 5. incentive, 6. optimist, 7. terrifying, 8. conquer, 9. stark, 10. sacrifice

11.	bioity conservation	n.	the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment
12.	an irrle argument	adj.	impossible to deny, challenge, or dispute
13.	loss of bioity	n.	the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment
14.	temporary bp	n.	a sudden and small, and typically temporary, change or deviation from a general trend
15.	the DNA sece	n.	a series of related events, actions, numbers, etc., which have a particular order
16.	mae stars	adj.	enormous amount; very heavy and solid
17.	Al moot	n.	an ambitious, risky, and innovative project or goal, especially one that is intended to bring about radical change or breakthroughs in a particular field or industry, often inspired by the lunar landing mission of Apollo 11 in 1969
18.	sequencing of the human gee	n.	the complete set or sequence of genes of a human, animal, plant, or other living things
19.	eqp our children with some special skills	v.	to provide a person or a place with the things that are needed for a particular purpose or activity

ANSWERS: 11. biodiversity, 12. irrefutable, 13. biodiversity, 14. blip, 15. sequence 16. massive, 17. moonshot, 18. genome, 19. equip

the quality of being very important and 20. matter of ur y n. needing to be dealt with immediately to grow vigorously; to make steady 21. th___e in a society ν. progress a strong indication or likelihood of harm, 22. economic th t n. danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation 23. re____se a used car to use something again for a different purpose than it was originally intended 24. re___r approval ratings to return to a former condition, health, ν. mind, or strength 25. dem te mastery to display something or give an ν. exhibition to an interested audience 26. ge e analyses the complete set or sequence of genes n. of a human, animal, plant, or other living things a person who is a member of a 27. a corrupt pol an n. government or law-making organization, especially as an elected member of parliament, etc. a square or rectangular and flat piece of 28. cost of solar pa ls n. something that forms a distinct section or component of something; a small

ANSWERS: 20. urgency, 21. thrive, 22. threat, 23. repurpose, 24. recover, 25. demonstrate, 26. genome, 27. politician, 28. panel

group of specialists who discuss

opinion about something

particular topics or give their advice or

- 29. en ss the enemy 30. a cold cl____e 31. pr____nt emeritus 32. un___h a hound 33. am e and entertain visitors 34. commercial fi___y 35. cr y about cars and racing 36. the most am g feeling 37. un h her anger 38. co____r the world 39. mo____ot idea
- v. to surround or cover something completely; to include a large number of or different types of things entirely
- n. the weather in a particular location averaged over some long period
- n. the leader of a republic, for example, the US; the person in charge of the organization such as a company, university, club, etc.
- v. to suddenly release a strong force, emotion, etc. that cannot be controlled
- v. to fill with wonder, surprise, or admiration
- an area of water where fish are caught in large quantities for living; a business or practice of catching and selling fish
- adj. stupid or not sensible; very angry
- adj. extremely surprising, especially in a way that you like or admire
- v. to suddenly release a strong force, emotion, etc. that cannot be controlled
- v. to bring under control by force or authority
- n. an ambitious, risky, and innovative project or goal, especially one that is intended to bring about radical change or breakthroughs in a particular field or industry, often inspired by the lunar landing mission of Apollo 11 in 1969

ANSWERS: 29. encompass, 30. climate, 31. president, 32. unleash, 33. amaze, 34. fishery, 35. crazy, 36. amazing, 37. unleash, 38. conquer, 39. moonshot

44. the w t of man

45. gn____d branches

46. unintended con____ces

47. su e a blizzard

the ability to say or write things or ideas n. in a clever and humorous way

adj. twisted and rough, especially because of age or exposure; having the texture of a rough and knotted surface

the outcome of a particular action or event, especially relative to an individual

to live or exist despite a dangerous event or period

ANSWERS: 40. strive, 41. coronavirus, 42. economy, 43. acorn, 44. wit, 45. gnarled, 46. consequence, 47. survive

48.	gete the idea	<i>v</i> .	to begin to grow or develop, typically as a seed sprouts
49.	ren as sovereign	n.	the period of time during which a monarch or government holds power; (verb) to be the king or queen
50.	effects of cle change	<i>n</i> .	the weather in a particular location averaged over some long period
51.	cutting-edge innon	n.	the creation of a new device or process resulting from study and experimentation
52.	the red for good works	n.	a thing given in acknowledgment of service, hard work, achievement, etc.
53.	an absolute moh	<i>n</i> .	a person who rules a country, such as a king or queen
54.	an impve array of facts	adj.	arousing admiration due to size, quality, or skill
55.	the peI of the sea	n.	serious and great danger or risk
56.	extary ability	adj.	exceptional, unexpected, very unusual; surpassing the ordinary or usual
57.	local ho	n.	a person who is admired or idealized for courage, outstanding achievements, or noble qualities; a character in literature or history who is central to the plot and who exhibits heroic qualities
58.	raw tat	n.	a natural ability to be good at something; someone who has a natural ability to be good at something
59.	strong and coed sales staff	adj.	willing to put in a lot of effort, time, and energy into something; firmly believing in something

ANSWERS: 48. germinate, 49. reign, 50. climate, 51. innovation, 52. reward, 53. monarch, 54. impressive, 55. peril, 56. extraordinary, 57. hero, 58. talent, 59. committed

change of velocity with respect to time

adj. based on scientific and industrial progress

a strong wish to do or achieve n. something

to live or exist despite a dangerous ν. event or period

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

a person who is a member of a n. government or law-making organization, especially as an elected member of parliament, etc.

68. a pol____an in the ruling party

64. tec____cal advancement

66. su e a plane crash

67. pl___t like the Earth

65. an am____on for political power

ANSWERS: 60. peril, 61. damage, 62. launch, 63. acceleration, 64. technological, 65. ambition, 66. survive, 67. planet, 68. politician

the top layer of Earth in which plants 69. s Is retentive of moisture n. grow 70. ur___y in the use of force the quality of being very important and n. needing to be dealt with immediately 71. an in____ve to work hard something, such as a punishment, n. reward, etc., that encourages a person to do something a substance that is put into the body 72. development of va es n. and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria. viruses, etc.) 73. in e a feeling of curiosity to make somebody fill with the desire, ν. confidence, or enthusiasm, especially to do something creative to provide a person or a place with the 74. eq__p an army things that are needed for a particular purpose or activity 75. ove____ing majority adj. very great or intense; so powerful that you cannot fight or react against it 76. an ove____ing victory adj. very great or intense; so powerful that you cannot fight or react against it 77. re se an old building to use something again for a different purpose than it was originally intended 78. vul le parts of the body adj. capable of being hurt or influenced physically or mentally 79. a mag____nt mountain adj. extremely beautiful and impressive; grand or noble in thought or deed adj. having a hole, empty space inside, or 80. have ho w legs indentation on the surface

ANSWERS: 69. soil, 70. urgency, 71. incentive, 72. vaccine, 73. inspire, 74. equip, 75. overwhelming, 76. overwhelming, 77. repurpose, 78. vulnerable, 79. magnificent, 80. hollow

81.	impve performances	adj.	arousing admiration due to size, quality, or skill
82.	the sece of the seasons	n.	a series of related events, actions, numbers, etc., which have a particular order
83.	a magnt plan	adj.	extremely beautiful and impressive; grand or noble in thought or deed
84.	sund a town	<i>v</i> .	to be all around something or somebody
85.	a convivial atmre	n.	the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
86.	excessive opst	n.	a person who tends to expect the best in all things and to be hopeful and confident about the future
87.	lime benefits	n.	the duration of someone's life or something's existence;
88.	extary weather	adj.	exceptional, unexpected, very unusual; surpassing the ordinary or usual
89.	amg advances	adj.	extremely surprising, especially in a way that you like or admire
90.	accte a chemical reaction	<i>v</i> .	to make something faster or earlier; to cause to develop or progress more quickly
91.	vice-prnt for finance	n.	the leader of a republic, for example, the US; the person in charge of the organization such as a company, university, club, etc.
92.	private ser	n.	a distinct part or division of something often used to refer to a segment of an economy or industry; an area or field of work or activity

ANSWERS: 81. impressive, 82. sequence, 83. magnificent, 84. surround, 85. atmosphere, 86. optimist, 87. lifetime, 88. extraordinary, 89. amazing, 90. accelerate, 91. president, 92. sector

93. rer a loss	<i>v</i> .	to return to a former condition, health, mind, or strength
94. days to gete	v.	to begin to grow or develop, typically as a seed sprouts
95. the characters that rent numbers	v.	to speak, act, or be present on behalf of another person or group; to form or constitute
96. at incle speed	adj.	unbelievable; enormous
97. hund as a species	n.	the whole of the living human inhabitants of the earth
98. the conce of an argument	n.	the outcome of a particular action or event, especially relative to an individual
99. how sound	adj.	having a hole, empty space inside, or indentation on the surface
100. avoid irrble damage	adj.	impossible to change or return to a previous condition
101. boundless amon	n.	a strong wish to do or achieve something
102. opne occasion	adj.	suitable or happening at a time that is suitable or convenient for a particular purpose
103. the inon of new techniques	n.	the creation of a new device or process resulting from study and experimentation; the act of inventing
104. ovht parking	adj.	lasting for or occurring during one night; occurring or changing extremely quickly or suddenly; happening or being achieved in a short amount of time

ANSWERS: 93. recover, 94. germinate, 95. represent, 96. incredible, 97. humankind, 98. consequence, 99. hollow, 100. irreversible, 101. ambition, 102. opportune, 103. invention, 104. overnight

105. accte the car	ν.	to make something faster or earlier; to cause to develop or progress more quickly
106. abound in inty	n.	the quality of inventing things or solving problems in clever new ways
107. dee on a course of action	v.	to make up someone's mind about something; to come to a conclusion or judgment after considering options
108. shopping reds cards	n.	a thing given in acknowledgment of service, hard work, achievement, etc.
109. a vulle bridge	adj.	capable of being hurt or influenced physically or mentally
110. sace anything to get ahead	n.	the act of killing an animal or person or surrendering a possession as an offering to a deity; (verb) to give up something important or valuable to help another person or get or do something that seems more important
111. dee this prize	<i>v</i> .	to be worthy of or entitled to something, especially something good or valuable
112. a detnt of crop yields	n.	a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
113. git trees	adj.	enormous; much bigger or more important than similar items usually are
114. save the plt	n.	any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a

ANSWERS: 105. accelerate, 106. ingenuity, 107. decide, 108. reward, 109. vulnerable, 110. sacrifice, 111. deserve, 112. determinant, 113. giant, 114. planet

star

115. lime ban from the sport	n.	the duration of someone's life or something's existence;
116. irrle facts	adj.	impossible to deny, challenge, or dispute
117. corus antibody test kit	n.	a large family of viruses that can cause illness in humans and animals, which name comes from the crown-like spikes on the surface of the virus, which can be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2
118. a GPS sate	n.	an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
119. terrestrial gle	n.	the earth or world, mainly used to emphasize its vastness
120. sn the face of the man	<i>v</i> .	to examine something hastily, with the eyes or with a machine, to get information
121. dee a question	<i>v</i> .	to make up someone's mind about something; to come to a conclusion or judgment after considering options
122. global paic	n.	an outbreak of a disease that affects many people over a very wide area
123. in a coed relationship	adj.	willing to put in a lot of effort, time, and energy into something; firmly believing in something

ANSWERS: 115. lifetime, 116. irrefutable, 117. coronavirus, 118. satellite, 119. globe, 120. scan, 121. decide, 122. pandemic, 123. committed

124. parched	ls b
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- n. the top layer of Earth in which plants grow
- v. to jump or spring into the air, often with the feet leaving the ground or a surface below; to move quickly or suddenly, often forward or upward
- adj. unbelievable; enormous
- v. to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
- adj. producing a continuous, low, vibrating sound like that of the bee
- v. to jump or spring into the air, often with the feet leaving the ground or a surface below; to move quickly or suddenly, often forward or upward
- v. to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
- n. the part of a person which is the seat of their mind, feelings, and character rather than their physical body; the general atmosphere of a place or situation and the effect that it has on people

ANSWERS: 124. soil, 125. leap, 126. incredible, 127. damage, 128. humming, 129. leap, 130. achieve, 131. spirit

132. th e on pressure to grow vigorously; to make steady ν. progress a time of great disagreement, 133. cr__s management n. confusion, or danger when problems must be resolved or critical decisions must be taken a distinct part or division of something 134. industrial se r n. often used to refer to a segment of an economy or industry; an area or field of work or activity an electronic device that is sent up into 135. a meteorological sa te n. space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc. a natural ability to be good at 136. a person of diverse ta ts n. something; someone who has a natural ability to be good at something 137. put a ha___s on my pet to control and exploit the power of ν. something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object the part of a person which is the seat of 138. sp__t and the letter of the law their mind, feelings, and character rather than their physical body; the general atmosphere of a place or situation and the effect that it has on people

ANSWERS: 132. thrive, 133. crisis, 134. sector, 135. satellite, 136. talent, 137. harness, 138. spirit

139. mo h butterflies a person who rules a country, such as a n. king or queen 140. re___e my energy to bring back to life, consciousness, or strength; to restore 141. fi____y management an area of water where fish are caught n. in large quantities for living; a business or practice of catching and selling fish the fruit of an oak tree; a small, 142. ac n woodpecker n. hard-shelled nut that is a traditional symbol of autumn and is often eaten by animals to be worthy of or entitled to something, 143. de____e respect especially something good or valuable 144. em___ng country adj. starting to exist, mature, or become well-known adj. enormous; much bigger or more 145. gi t tech company important than similar items usually are 146. in e him to write a novel to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative a substance that is put into the body 147. an oral va e n. and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.) the ability to say or write things or ideas 148. full of w t n. in a clever and humorous way

149. all ability to mo te

ANSWERS: 139. monarch, 140. revive, 141. fishery, 142. acorn, 143. deserve, 144. emerging, 145. giant, 146. inspire, 147. vaccine, 148. wit, 149. motivate

ν.

to make someone want to do

something, especially something that requires tremendous work and effort

to control and exploit the power of 150. ha s a horse to a carriage ν. something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object 151. gn___d fingers adj. twisted and rough, especially because of age or exposure; having the texture of a rough and knotted surface a large building, typically of the 152. ca___e moat medieval period, fortified against attack with thick walls, battlements, towers, and often a moat a sudden and small, and typically 153. minor b__p temporary, change or deviation from a general trend 154. inn on leader the creation of a new device or process n. resulting from study and experimentation an outbreak of a disease that affects 155. flu pa ic n. many people over a very wide area 156. la_r printer a device that emits powerful and narrow n. light that can be used as a tool to cut metal through a process of optical amplification 157. int____le situation adj. difficult to manage or control; stubborn or obstinate 158. the ruins of a ca e a large building, typically of the n. medieval period, fortified against attack with thick walls, battlements, towers,

ANSWERS: 150. harness, 151. gnarled, 152. castle, 153. blip, 154. innovation, 155. pandemic, 156. laser, 157. intractable, 158. castle

and often a moat

159. tre a telephone call	<i>v</i> .	to find or discover someone or something that was lost
160. paI discussion	n.	a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something
161. an irrble change	adj.	impossible to change or return to a previous condition
162. sn a document into PDF	ν.	to examine something hastily, with the eyes or with a machine, to get information
163. a glare of suht	n.	the light emitted by the sun; the rays of the sun
164. in direct suht	n.	the light emitted by the sun; the rays of the sun
165. hug bird	adj.	producing a continuous, low, vibrating sound like that of the bee
166. unsung ho	n.	a person who is admired or idealized for courage, outstanding achievements, or noble qualities; a character in literature or history who is central to the plot and who exhibits heroic qualities
167. carbon dioxide in the atmre	n.	the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
168. ree an old friendship	v.	to bring back to life, consciousness, or strength; to restore

ANSWERS: 159. trace, 160. panel, 161. irreversible, 162. scan, 163. sunlight, 164. sunlight, 165. humming, 166. hero, 167. atmosphere, 168. revive

169. rent by a diagram	ν.	to speak, act, or be present on behalf of another person or group; to form or constitute
170. coal swimming pool	adj.	belonging to or used by a group rather than individuals; for common use
171. common inon	n.	the creation of a new device or process resulting from study and experimentation; the act of inventing
172. mote the students	v.	to make someone want to do something, especially something that requires tremendous work and effort
173. ame everyone	v.	to fill with wonder, surprise, or admiration
174. intle pain	adj.	difficult to manage or control; stubborn or obstinate
175. exe the world	ν.	to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
176. an opne remark	adj.	suitable or happening at a time that is suitable or convenient for a particular purpose
177. the infinite inty of man	n.	the quality of inventing things or solving problems in clever new ways
178. enss a broad range	<i>v</i> .	to surround or cover something completely; to include a large number o or different types of things entirely
179. history of hund	n.	the whole of the living human inhabitants of the earth

ANSWERS: 169. represent, 170. communal, 171. invention, 172. motivate, 173. amaze, 174. intractable, 175. explore, 176. opportune, 177. ingenuity, 178. encompass, 179. humankind

180. ace milestones	v.	to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
181. around the gle	n.	the earth or world, mainly used to emphasize its vastness
182. a cry scheme	adj.	stupid or not sensible; very angry
183. stk landscape	adj.	empty, simple, or apparent; devoid of any qualifications
184. terng events	adj.	very frightening or intimidating
185. environmental detnt	n.	a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
186. financial crs	n.	a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
187. ren of a dictator	n.	the period of time during which a monarch or government holds power; (verb) to be the king or queen
188. tre back to medieval times	<i>v</i> .	to find or discover someone or something that was lost
189. the wine in giant o_k vats	n.	a large deciduous tree that is common in northern regions and produces small nuts called acorns
190. ste hard to get	<i>v</i> .	to try very hard to do, achieve, or obtain something

ANSWERS: 180. achieve, 181. globe, 182. crazy, 183. stark, 184. terrifying, 185. determinant, 186. crisis, 187. reign, 188. trace, 189. oak, 190. strive

191. a stone wall sunds the palace	<i>v</i> .	to be all around something or somebody
192. coal combination of funds	adj.	belonging to or used by a group rather than individuals; for common use
193. teccal policy	adj.	based on scientific and industrial progress
194. emng technologies	adj.	starting to exist, mature, or become well-known
195. old o_k trees	n.	a large deciduous tree that is common in northern regions and produces small nuts called acorns
196. lah a spaceship into orbit	ν.	to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
197. ecy class	n.	the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
198. environmental tht	n.	a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
199. ovht success	adj.	lasting for or occurring during one night; occurring or changing extremely quickly or suddenly; happening or being achieved in a short amount of time

ANSWERS: 191. surround, 192. communal, 193. technological, 194. emerging, 195. oak, 196. launch, 197. economy, 198. threat, 199. overnight

Vocab-Builder Ref from "Prince William: This decade calls for Earthshots to repair our p	lanet l	i TED Talk"	(100 words)
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200. ma____e amounts

adj. enormous amount; very heavy and solid

ANSWERS: 200. massive

Session 3: Fill in the Blanks

	The package delivery arrived at my door this morning. lasting for or occurring during one night; occurring or changing extremely quickly or suddenly; happening or being achieved in a short amount of time
	The evidence was and convinced the jury. impossible to deny, challenge, or dispute
	Her response revealed idiocy. unbelievable; enormous
4.	She departed hurriedly because of some significant in their affairs.
n.	the quality of being very important and needing to be dealt with immediately
5.	A of economic advisers from the United States visited the country to help rebuild its economy.
n.	a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something
6.	moisture is another significant component controlling soil respiration.
n.	the top layer of Earth in which plants grow
7.	The tree had a trunk, which made it easy for animals to take shelter inside.
adj	having a hole, empty space inside, or indentation on the surface
8.	Necessity is the mother of
n.	the creation of a new device or process resulting from study and experimentation; the act of inventing
	SWERS: 1. overnight, 2. irrefutable, 3. incredible, 4. urgency, 5. panel, 6. Soil, 7. low, 8. invention

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moonshot, 53. coronavirus, 54. giant

ANSWERS: 71. satellite, 72. amazing, 73. strived, 74. extraordinary, 75. planet, 76. rewards, 77. intractable, 78. Climate, 79. unleash

ANSWERS: 80. hero, 81. committed, 82. damage, 83. survive, 84. trace, 85. talents, 86. wit, 87. decide

88. These economic activities had disastrous environmental
n. the outcome of a particular action or event, especially relative to an individua
89. The technology is constantly evolving and innovating.
n. a distinct part or division of something often used to refer to a segment of an economy or industry; an area or field of work or activity
90. They the tradition of holding a parade on the main street every year.
v. to bring back to life, consciousness, or strength; to restore
91. On three sides, mountains the settlement.
v. to be all around something or somebody
92. Creativity and are often brought about by extreme concentration.
n. the quality of inventing things or solving problems in clever new ways
93. The club does not have absolute power.
n. the leader of a republic, for example, the US; the person in charge of the organization such as a company, university, club, etc.
94. The human contains approximately three billion chemical base pairs.
n. the complete set or sequence of genes of a human, animal, plant, or other living things
95. 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
96. The recent economic downturn has resulted in layoffs.
adj. enormous amount; very heavy and solid
ANSWERS: 88. consequences, 89. sector, 90. revived, 91. surround, 92. ingenuity

ANSWERS: 88. consequences, 89. sector, 90. revived, 91. surround, 92. ingenuity, 93. president, 94. genome, 95. humming, 96. massive

ANSWERS: 97. magnificent, 98. vaccine, 99. lifetime, 100. impressive