# **Englist.me**

### Vocabulary Builder Reference from...

Tom Graham: The incredible creativity of deepfakes
-- and the worrying future of AI | TED Talk
https://www.ted.com/talks/tom\_graham\_the\_incredibl
e\_creativity\_of\_deepfakes\_and\_the\_worrying\_future\_
of\_ai



### **All Words**

#### **IMPORTANT**

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### **Session 1: Word List**

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adj. important, well-known, or noticeable

synonym: notable, distinguished, prominent

prominent figure, (2) play a prominent role
 The media frequently interviewed prominent scientists.

#### release

- v. to set free or allow to escape from confinement
- synonym: free, let go, discharge
- (1) release a prisoner, (2) release CO2 into the air

The animal rights group worked to **release** the dolphins back into the wild.

#### fake

adj. not genuine; fraudulent or counterfeit

synonym: affected, bogus, counterfeit

(1) fake police officer, (2) spread of fake news

The prime minister was not well prepared for the debate and **faked** it

#### cruise

 a voyage on a large ship for pleasure; driving or traveling at a leisurely pace

synonym: sail, voyage, journey

(1) the **cruise** line, (2) adaptive **cruise** control

The family took a **cruise** to the Caribbean for their vacation.

attract

- to draw or entice someone or something towards them through the qualities they have, especially positive ones
   synonym: lure, entice, draw in
- (1) attract attention, (2) attract customers

The government is eager to **attract** international investment.

crack

v. to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking

synonym: snap, burst, break

(1) **crack** an eggshell, (2) a **crack** in a board He that would eat the kernel must **crack** the nut.

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.

polite

adj. showing consideration, respect, or deference towards others; having good manners, civility, or courteous behavior

synonym: courteous, civil, respectful

(1) polite manners, (2) polite tone

It's important to be **polite** even when you disagree with someone.

whale

 a very large sea mammal that has a streamlined body and breathes through a blowhole on the head; a very large person; impressive in size or qualities

synonym: porpoise, giant

(1) a bull **whale**, (2) **whale** watching

Some countries have a culture of eating the flesh of a **whale**.

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#### neural

adj. of or relating to a nerve or the nervous system that includes the brain

*synonym*: sensory, neuronic, nervous

(1) **neural** stem cells, (2) **neural** networks in Al

There was a disturbance of **neural** function.

#### accurate

adj. correct and exact in all details

synonym: exact, precise, proper

(1) provide **accurate** information, (2) **accurate** measurements

The official transcript contains accurate academic records.

ΑI

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

synonym: robot, machine learning, neural network

(1) **Al** expert, (2) apply **Al** technology to art
The evolution of processors has dramatically improved the performance of **Al**.

prompt

v. to make someone decide to or try to do something, or to make something happen

synonym: actuate, inspire, incite

(1) **prompt** a feeling of hunger, (2) **prompt** a debate That incident **prompted** a nationwide chain reaction regarding the crackdown on illegal groups.

#### cofounder

- one of several people who establishes an organization or starts a business
- (1) cofounder of the university, (2) late cofounderHe is the cofounder and chairman of this tech company.

#### impersonate

v. to pretend to be someone else, often with the intent to deceive or defraud; to imitate the mannerisms or speech of another person as a form of tribute or satire

synonym: imitate, mimic, copy

(1) **impersonate** a government official, (2) **impersonate** a character

The comedian is famous for his ability to **impersonate** famous politicians.

#### 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 fisheryThe majority of the people on the island are fishery folk.

#### foremost

adj. most important, leading, or prominent synonym: leading, primary, first

foremost expert, (2) keep foremost in mind
 The foremost priority is the safety of the passengers.

### absolutely

adv. without restriction or limitation; completely or utterly synonym: completely, utterly, definitely

(1) **absolutely** against, (2) **absolutely** obsessed with the girl

I am absolutely opposed to his idea because of morality.

### synchronize

- v. to happen or cause to happen at the same time or rate synonym: coordinate, accompany, harmonize
- (1) **synchronize** movements, (2) **synchronize** our watches The ball speed will increase when the lower body movements are perfectly **synchronized**.

visual

adj. relating to seeing or sightsynonym: optical, graphical, visible

(1) **visual** navigation, (2) field of **visual** arts
The building makes a remarkable **visual** impact.

#### span

 the entire length of something, such as time or space from beginning to end; the amount of space that something covers

synonym: interval, period, length

(1) the **span** of a bird's wings, (2) the average life **span**He slightly modified the **span** of training because it was just before a match.

#### transport

- n. a system for moving people or products from one location to another using automobiles, roads, and so on synonym: shipment, transit, conveyance
- (1) **transport** facilities, (2) access to public **transport** Enhanced rail **transportation** is crucial for our business.

### suddenly

adv. quickly and unexpectedlysynonym: abruptly, unexpectedly, unawares

(1) **suddenly** attacked by an enemy, (2) die **suddenly** Who answers **suddenly** knows little.

### eventually

adv. finally, particularly after a long time or a lot of struggle, complications, and so on

synonym: finally, someday, ultimately

(1) **eventually** become obsolete, (2) **eventually** succeed The corporation **eventually** dominated the entire tobacco business.

#### rumor

n. a piece of unverified information of uncertain origin that is spread by word of mouth

synonym: gossip, whisper, talk

(1) a false rumor, (2) rumor mill

There was a baseless **rumor** that the company was going bankrupt.

#### offline

adj. not connected to the internet

synonym: disconnected, not connected, unplugged

(1) offline course, (2) offline mode

The computer is **offline** and cannot be accessed at the moment.

#### process

n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

synonym: procedure, method, system

(1) **process** improvement, (2) decision-making **process** The **process** for applying for a visa can be lengthy and complicated.

#### lord

- n. a person who has general authority, control, or power over others; a man of noble rank or high officesynonym: master, noble, peer
- (1) a young lord, (2) lord of castle

The feudal **lord** had ruled the land for many years.

#### uncomfortable

- adj. providing or feeling physical discomfort or slight pain synonym: comfortless, discomforting, painful
- (1) an **uncomfortable** silence, (2) with an **uncomfortable** face

His abusive words made me uncomfortable.

#### facial

adj. of or relating to a person's face synonym: forward, front, surface

(1) **facial** nerve, (2) **facial** expressions

Facial profiling is a new form of airport security.

#### capture

v. to catch a person or an animal and confine them in an area which they cannot escape

synonym: catch, arrest, imprison

(1) **capture** a glimpse, (2) **capture** customers' hearts I was able to **capture** the moment on film.

#### discovery

 the act or process of finding information, a place, or an object, or learning about something that was previously not known

synonym: finding, uncovering, detection

(1) a scientific **discovery**, (2) the great **discovery** of the century

Her research team made an important discovery.

row

an arrangement of objects or people side by side in a line

synonym: line, sequence, layer

(1) criminal on death **row**, (2) a **row** of cherry trees He was the leader of the demonstrators and spoke out against the war in the front **row**.

#### consent

*n.* permission or agreement to do something, especially given by somebody in authority

synonym: approval, authorization, concession

(1) **consent** for surgery, (2) give silent **consent**She gave her **consent** to the company's proposal.

#### 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.

### introductory

 adj. intended as an introduction or preliminary; serving as a base or starting point

synonym: beginning, preliminary, initial

(1) **introductory** biology text, (2) product **introductory** sale The **introductory** class was designed to give students a basic understanding of the subject.

#### reward

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

synonym: compensation, gratuity, bonus

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

#### **obvious**

adj. easy to see, discover or understand synonym: apparent, conspicuous, evident

obvious reasons, (2) his conclusion was obvious
 There are obvious differences between the two wine-producing regions.

#### horrible

adj. extremely unpleasant or bad; causing fear or disgust synonym: dreadful, terrible, awful

(1) horrible accident, (2) horrible smellThe experience was horrible and left a lasting impression.

### photograph

- a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
- synonym: photo, picture, snapshot
- (1) **photograph** album, (2) **photograph** memories I found an old **photograph** of my grandparents from their wedding day.

#### trump

- n. a playing card with a picture of a trumpeter on it, used in certain card games
- (1) **trump** card, (2) choose **trump**The **trump** suit in the game of bridge is determined at the beginning of each hand.

arrest

- v. to take into custodysynonym: capture, detain, imprison
- (1) arrest the thief, (2) arrest the progress

A police officer has the authority to arrest a criminal.

unreal

adj. imaginary; not existing in fact

synonym: false, fake, fictitious

(1) have an **unreal** feeling, (2) **unreal** situation

The idea of winning the lottery seemed so **unreal** that he didn't even bother buying a ticket.

### pornography

 materials such as films, photographs, or written descriptions that depict or describe sexual activity graphically or explicitly, often intended to be sexually arousing

synonym: obscenity, indecency, smut

- (1) **pornography** addiction, (2) violent **pornography** The rise of digital technology has made the sharing of **pornography** easier than ever before.
- *n.* someone who is well-known, particularly in the entertainment industry

synonym: figure, star, VIP

(1) baseball **celebrity**, (2) **celebrity** known worldwide The popularity of the show made her an instant **celebrity**.

### deepfake

celebrity

n. a manipulated video or audio recording that uses advanced computer technology to create a realistic portrayal of a person saying or doing something they did not actually say or do, often used for deceptive or malicious purposes

synonym: Al-generated media, manipulated media

(1) **deepfake** technology, (2) **deepfake** video

The use of **deepfakes** in political campaigns is a growing concern.

#### downside

 the negative aspects or consequences of something; the potential for loss or failure

synonym: drawback, negative, disadvantage

(1) major **downside**, (2) **downside** of globalization The **downside** of the new policy was that it would be more expensive for customers.

#### instinct

n. an inborn behavioral pattern that is often responsive to specific stimuli; an innate feeling that causes you to act

or believe that something is true synonym: intuition, aptitude, feeling

(1) **instinct** for self-preservation, (2) aggressive **instinct** When faced with a dangerous situation, his initial **instinct** was to flee.

#### spiral

- a curve that coils around a central point and gets progressively farther away from it as it goes around
   synonym: coil, helix, twist
- (1) **spiral** staircase, (2) **spiral** design

  The leaves of the fern were arranged in a **spiral** pattern.

### individual

- n. a single person or thing, as distinct from a group synonym: person, being, self
- (1) a private **individual**, (2) **individual** freedom
  As an **individual**, he had the right to make his own decisions and live his life as he saw fit.

#### generate

v. to produce or create something; to make offspring by reproduction

synonym: create, yield, produce

(1) **generate** more electricity, (2) **generate** \$100 a month The economic stimulation program would **generate** a lot of new jobs.

#### awareness

the fact or state of knowing something exists and is important

synonym: understanding, cognition, knowledge

(1) **awareness** of my ignorance, (2) raise public **awareness** There has been a gradual but steady rise in environmental **awareness**.

### manipulate

v. to influence or control something or someone to your advantage, often in an unfair or dishonest way

synonym: control, exploit, abuse

(1) manipulate figures, (2) vulnerable to manipulate

Please tell me how to **manipulate** this computer.

#### claim

to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true

synonym: assert, declare, maintain

(1) claim responsibility, (2) false claim

He wants to **claim** ownership of the abandoned property.

### compelling

adj. arousing strong and irresistible interest, attention, or admiration

synonym: tempting, captivating, influential

(1) tell a **compelling** story, (2) new and **compelling** evidence

His **compelling** presentation deeply moved everyone.

#### realistic

adj. having or showing a sensible and practical idea that is possible to achieve

synonym: practical, pragmatic, down-to-earth

(1) a realistic goal, (2) a realistic goal

That story was so **realistic**, and it was scary.

#### universe

everything that exists, especially all physical matter, n. including planets, stars, galaxies, and all other forms of matter and energy

synonym: cosmos, macrocosm

(1) theory of the **universe**, (2) expansion of the **universe** The **universe** is about 13.8 billion years old.

the positive aspect or potential of something; the upper n. side of something

synonym: advantage, benefit, top

(1) have no **upside**, (2) market **upside** 

Many people see the **upside** of traveling as an opportunity to experience new cultures and broaden their horizons.

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upside

#### institutionalize

v. to establish or make something a part of an institution (= a place such as a university, hospital, etc.)

synonym: formalize, establish, regularize

(1) **institutionalize** a system, (2) **institutionalize** customary laws

The new policy aims to **institutionalize** the use of renewable energy sources.

#### verify

 to check that something exists or is true, or to prove that something is correct

synonym: affirm, ascertain, confirm

(1) verify a document, (2) verify identity

We always verify all critical information independently.

#### authentic

adj. known to be real and what people say it is; not a fake or copy

synonym: genuine, bona fide, original

(1) an **authentic** signature, (2) the sets were meticulously **authentic** 

The stages of the play were meticulously authentic

#### lean

- adj. having a noticeably small amount of body fat; (verb) to bend or move from a straight to a sloping posturesynonym: skinny, slender, (verb) slant
- (1) a lean horse, (2) lean athletic figureLean operational improvements often lead to better environmental performance.

#### creative

adj. relating to or involving the use of skill and original and unusual ideas to create something

synonym: imaginative, innovative, inventive

(1) **creative** writing, (2) barren of **creative** spirit All the supervisor has to do is assign tasks that make his subordinates more **creative**.

#### accommodation

n. a place to live, work, or stay, particularly for a temporary or short-term period; adjustment or adaptation to meet

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various needs or circumstances synonym: lodging, housing, quarters

(1) temporary **accommodation**, (2) for your **accommodation** 

The hotel offers comfortable **accommodations** for both business and leisure travelers.

#### entertainment

 public shows, films, television, or other performances or activities of enjoying people

synonym: amusement, recreation, enjoyment

(1) an elegant **entertainment**, (2) hour of **entertainment** The hotel is famous for its **entertainment**, including the casino.

#### possibility

- n. a chance that something may happen or be truesynonym: chance, prospect, likelihood
- (1) **possibility** for growth, (2) **possibility** of a major earthquake

The **possibility** of getting the disease will drastically increase.

#### permit

v. to allow for something to happen or be done; (noun) the act of giving a formal, usually written, authorization

synonym: allow, authorize, concede

(1) permit application, (2) work permit

The teacher will not **permit** any students to leave the classroom early.

#### interact

- v. to communicate or react with somebody synonym: cooperate, combine, collaborate
- (1) **interact** directly with customers, (2) **interact** with one another

He should **interact** more with his colleagues.

#### tremendous

adj. very great in degree or extent or amount or impact; extremely good

synonym: enormous, giant, immense

(1) **tremendous** amount, (2) **tremendous** popularity We had a **tremendous** time yesterday.

#### emotional

adj. relating to people's feelingssynonym: affecting, impactful, impressive

(1) **emotional** health, (2) **emotional** distress Human **emotional** responses vary widely depending on the society to which they belong.

### photorealistic

adj. referring to imagery or graphics that are so realistic that it appears to be a photograph or a real-life objectsynonym: realistic, lifelike, naturalistic

(1) **photorealistic** painting, (2) **photorealistic** rendering The video game's graphics were so **photorealistic** that it felt like I was in it.

#### uncanny

adj. strange or mysterious, often in a way that is unsettling synonym: arcane, astonishing, eerie

(1) in an **uncanny** manner, (2) **uncanny** resemblance She has an **uncanny** sense of who is telling a lie.

### deploy

- v. to move troops or weapons into a position or military action; to bring into something in an effective waysynonym: set up, expand, launch
- (1) **deploy** troops for battle, (2) **deploy** safety measures This country **deployed** its weapons in the east region.

#### interaction

- n. the act of connecting with someone, mainly when working, playing, or spending time with themsynonym: dealings, exchange, relations
- (1) the interaction between man and his environment,
- (2) interaction among human beings

The **interaction** of the two groups is good for brainstorming.

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#### relation

*n.* the way two persons or groups of people feel and act toward one another

*synonym*: association, linkage, connection

(1) **relation** between cause and effect, (2) **relation** of inclusion

The industrial **relations** laws were passed with little to no alteration.

### 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.

#### emotion

- n. a strong feeling such as love, anger, etc. deriving from one's situation, mood, or relationships with otherssynonym: feeling, sentiment, passion
- (1) control my **emotion**, (2) afraid to show **emotion**Some **emotions** are common across cultures and backgrounds.

### inspiring

adj. stimulating and motivating you to want to do something synonym: exhilarating, encouraging, heartening

(1) **inspiring** stories, (2) awe- **inspiring** sight An **inspiring** teacher might spark students' motivation to succeed.

#### zoom

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

synonym: move quickly, dive, buzz

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

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

### exchange

v. to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or

system where goods or services can be bought, sold, or traded

synonym: trade, swap, interchange

- (1) **exchange** rate, (2) **exchange** a few friendly words My sister and I frequently **exchange** books, as we love reading.
- extend v. to broaden in scope, range, or area

synonym: prolong, lengthen, advance

(1) **extend** the warranty, (2) **extend** a line Her visit will **extend** from Monday to Friday.

#### indefinitely

adv. without any fixed or definite limit; for an unknown or unspecified period of time

synonym: endlessly, permanently, perpetually

(1) postpone a meeting **indefinitely**, (2) **indefinitely** suspended

The construction project has been delayed **indefinitely** due to the pandemic.

### amplification

 n. the process of increasing the volume or intensity of something; the expansion or elaboration of a concept or idea

synonym: enlargement, expansion, intensification

(1) **amplification** system, (2) sound **amplification**The political debate was an **amplification** of the candidates' views on key issues.

#### intent

 a strong determination or attention to do or achieve something; (adjective) having a strong determination to do or achieve something

synonym: purpose, aim, goal

(1) the intent of a question, (2) intent gaze

The designer's **intent** was to create a minimalist aesthetic for the interior of the building.

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#### excite

- v. to make someone feel suddenly enthusiastic or eager synonym: thrill, exhilarate, animate
- (1) **excite** the crowd, (2) **excite** rebellion The news of her promotion **excited** her.

#### creep

v. to move slowly, quietly, and carefully, usually to avoid being seen or heard

synonym: crawl, glide, encroach

(1) **creep** along the leaf, (2) **creep** toward the mouse Aging **creeps** up slowly with time.

#### avatar

n. (the concept in Hinduism) a god appearing in human or superhuman or animal form; a graphical representation of a user or the user's character or persona in online games, chat rooms, etc.

synonym: embodiment, expression, apotheosis

(1) digital **avatar**, (2) the **avatar** of the authority
A person's cyberspace **avatar** often represents the appearance and behavior that the person wants to be.

#### creepy

adj. causing an uneasy feeling of fear or uneasesynonym: eerie, unsettling, spooky

(1) feel **creepy**, (2) **creepy** atmosphere
The old, abandoned house was **creepy** and gave me the chills.

### definitely

adv. without any question and beyond doubt; clearlysynonym: absolutely, certainly, indeed

(1) **definitely** become a problem, (2) say **definitely** The paper is **definitely** worth reading thoroughly.

#### medium

 adj. of a size, amount, or level that is average or intermediate; (noun) a means or instrumentality for storing or communicating information

synonym: average, intermediate, (noun) channel

(1) medium color, (2) an advertising medium

The **medium** size shirt fits him perfectly.

### grandparent

- n. a parent of one's father or mother
- (1) great- **grandparent**, (2) person of **grandparent** age She was close to her paternal **grandparents** and often spent summers with them.

#### relive

v. to experience again or bring back the memory of a past event or time

synonym: revisit, recall, remember

(1) relive my youth, (2) relive momentsI like to watch old movies to relive memories of my childhood.

#### communicate

v. to share or exchange information with others by speaking, writing, moving your body, or using other signals

synonym: convey, share, transmit

- (1) communicate his anxieties to the psychiatrist,
- (2) communicate well with my advisor

synonym: disunite, disjoint, break up

Dolphins use sound to communicate with each other.

### decouple

- v. to disconnect or separate something from something else that it was joined to or part of previously
- (1) **decouple** a power supply, (2) **decouple** a space shuttle We have to **decouple** our foreign policy from ideology.

### experiment

 the scientific test conducted to observe what happens and gain new knowledge

synonym: experimentation, investigation

(1) **experiment** design, (2) series of **experiments** His **experiments** showed highly positive results.

#### incredible

adj. unbelievable; enormous

synonym: unbelievable, fantastical, inconceivable

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

hell

the place thought to be where bad people go and are n. punished after death, often depicted as being located beneath the earth; an extraordinarily unpleasant or difficult place

synonym: inferno, agony, misery

(1) run like hell, (2) hell broke loose

The battlefield became **hell** on earth.

misuse

the act of using something in an unsuitable way or for n. the wrong purpose

synonym: abuse, misemployment, mishandling

(1) the **misuse** of company money, (2) protect the database from misuse

Drug **misuse** is associated with mental health disorders.

empower

- 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.

algorithm

a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation

*synonym*: logic, method, rule

(1) the RSA algorithm, (2) algorithm for image processing We can evaluate the performance of an algorithm in terms of computation time.

extent

- the point or degree or area to which something extends synonym: amount, degree, intensity
- (1) certain extent, (2) the extent of the damage I was amazed at the **extent** of her generosity.

#### conventional

adj. based on or following traditional rules, standards, customs, etc.

synonym: ancestral, customary, established

(1) a **conventional** style, (2) get a **conventional** loan She is very **conventional** in her thoughts.

#### submit

v. to give or offer a document, proposal, etc. to a decision-maker for examination or consideration

synonym: hand in, present, propose

(1) agree to **submit** the bill, (2) **submit** an application Please **submit** the assignment to me.

### copyright

 the legal right to be the only person or organization who can reproduce, publish, and sell a particular piece of work

synonym: patent, trademark, intellectual property

(1) artistic **copyright**, (2) **copyright** infringement The company is taking legal action against those who have violated their **copyright** on the software.

### registry

n. an official list or record that contains details of people, objects, or events; a computer system that stores and manages data about something; the act or process of registering something, such as an event, a person, or an object

synonym: list, catalog, record

(1) **registry** database, (2) **registry** number

The hospital keeps a **registry** of patients' medical records.

### representation

 the act of speaking, acting, or being present on behalf of someone officially; a statement of facts and reasons made in appealing or protesting

synonym: delegacy, manifestation, expression

(1) sales **representation**, (2) binary **representation**A person who has been declared incompetent should have legal **representation**.

#### cosmetically

- adv. in terms of appearance, especially about improving or enhancing the appearance of something; superficially synonym: aesthetically, superficially, visually
- (1) **cosmetically** altered, (2) **cosmetically** pleasing She underwent a **cosmetically-enhanced** surgery to alter her appearance.

#### feat

- a notable or impressive achievement, especially one that requires great skill or bravery
- synonym: achievement, accomplishment, exploit
- (1) intellectual **feat**, (2) **feat** accomplishment It is an incredible **feat** to climb Mount Everest, the highest mountain in the world.

#### intention

- n. something you want to do and are going to dosynonym: purpose, connotation, will
- (1) **intention** behind his decision, (2) clear **intention** Our CEO's **intentions** are always transparent and straightforward.

### embody

- v. to represent or exemplify something; to give tangible form to an abstract idea
- synonym: represent, exemplify, personify
- (1) **embody** my goal, (2) **embody** a spirit of charity The company's new products **embody** the values of innovation and sustainability.

#### essence

- the basic or most important part or quality of something that makes it what it is
- synonym: core, nature, disposition
- (1) vanilla **essence**, (2) universal **essence**University teaches the art of understanding the **essence** of the matter.

#### circumstance

- the specific conditions or events that surround a particular situation or occurrence
- *synonym*: condition, context, environment

(1) <b>circumstance</b> of birth,	(2) <b>circumstance</b> of injury
She explained the circums	stances surrounding the accident.

#### weird

adj. extraordinary, unexpected, or difficult to explain synonym: bizarre, creepy, peculiar

a weird dress,
 the state of being weird
 my computer has been acting weird recently.

#### balance

 a condition in which everything has the same weight or force; something left after other parts have been taken away

synonym: equilibrium, counterpoise, remainder

(1) the **balance** of power, (2) asset on the company's **balance** sheet

Try to keep a **balance** between work and off.

#### viral

adj. relating to or caused by a virus

fight viral infections, (2) detect a viral code
 This device can more accurately detect viral pathogens.

### property

- n. a thing or things that belong to someonesynonym: belongings, possessions, equity
- (1) a man of property,(2) chemical propertyHe stood to inherit a million-dollar property.

#### **fundamental**

adj. forming an essential base or core from which everything else develops or is affected

synonym: basic, essential, entire

(1) **fundamental** education, (2) **fundamental** rights Human behavior has **fundamental** characteristics.

### 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.

to feel dizzy o

to cause something to rotate rapidly; to cause someone to feel dizzy or disoriented

synonym: rotate, twirl, swirl

(1) **spin** a top, (2) **spin** thread out of cotton

The tornado is **spinning** across the countryside, destroying everything in its path.

spin

### **Session 2: Spelling**

1. pho\_\_\_\_ph album n. a picture or image that is produced by a camera; a visual representation or

record of a person, object, or scene that has been captured electronically or on film

2. the av\_\_\_r of the authority

n. (the concept in Hinduism) a god appearing in human or superhuman or animal form; a graphical representation of a user or the user's character or persona in online games, chat rooms, etc.

3. z\_m in on a photo

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

4. sp\_\_\_I design

 a curve that coils around a central point and gets progressively farther away from it as it goes around

5. choose tr\_\_p

 a playing card with a picture of a trumpeter on it, used in certain card games

6. with an unc\_\_\_\_ble face

adj. providing or feeling physical discomfort or slight pain

7. fa\_\_\_l expressions

adj. of or relating to a person's face

8. market up\_\_\_e

 the positive aspect or potential of something; the upper side of something

9. do\_\_\_\_de of globalization

 the negative aspects or consequences of something; the potential for loss or failure

ANSWERS: 1. photograph, 2. avatar, 3. zoom, 4. spiral, 5. trump, 6. uncomfortable, 7. facial, 8. upside, 9. downside

10. cirnce of injury	n.	the specific conditions or events that surround a particular situation or occurrence		
11. deke video	n.	a manipulated video or audio recording that uses advanced computer technology to create a realistic portrayal of a person saying or doing something they did not actually say or do, often used for deceptive or malicious purposes		
12. inon behind his decision	n.	something you want to do and are going to do		
13. viI navigation	adj.	relating to seeing or sight		
14. absly against	adv.	without restriction or limitation; completely or utterly		
15. control my emn	n.	a strong feeling such as love, anger, etc. deriving from one's situation, mood, or relationships with others		
16. clm responsibility	v.	to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true		
17. at incle speed	adj.	unbelievable; enormous		
18. att attention	v.	to draw or entice someone or something towards them through the qualities they have, especially positive ones		
ANSWERS: 10. circumstance, 11. deepfake, 12. intention, 13. visual, 14. absolutely, 15. emotion, 16. claim, 17. incredible, 18. attract				

Vocab-Builder Ref from "Tom Graham: The incredible creativity of deepfakes -- and the worrying future of AI | TED Talk" (119 words)

ANSWERS: 19. possibility, 20. consent, 21. authentic, 22. manipulate, 23. viral, 24. fake, 25. fundamental, 26. communicate, 27. relive, 28. release, 29. transport, 30. offline, 31. prompt

Vocab-Builder Ref from "Tom Graham: The incredible creativity of deepfakes -- and the worrying future of AI | TED Talk" (119 words)

ANSWERS: 32. intent, 33. impersonate, 34. awareness, 35. tremendous, 36. universe, 37. extent, 38. inspiring, 39. eventually, 40. synchronize, 41. feat, 42.

deepfake			

ANSWERS: 43. suddenly, 44. AI, 45. suddenly, 46. extend, 47. incredible, 48. uncanny, 49. viral, 50. amazing, 51. obvious, 52. relation, 53. interaction, 54. copyright

ANSWERS: 55. emotional, 56. celebrity, 57. lean, 58. individual, 59. prompt, 60. synchronize, 61. pornography, 62. span, 63. release, 64. arrest, 65. polite

adj. showing consideration, respect, or

deference towards others; having good manners, civility, or courteous behavior

65. po\_\_\_e tone

- 66. have no up\_\_\_e
- 67. tr\_\_p card
- 68. de\_\_\_\_le a power supply
- 69. ne I networks in Al
- 70. exp\_\_\_\_nt design
- 71. in\_\_\_ct directly with customers
- 72. certain ex\_\_\_t
- 73. spread of f\_\_e news
- 74. em al health
- 75. em\_\_\_r the secretary to do the same
- 76. ex\_\_\_ge a few friendly words

- n. the positive aspect or potential of something; the upper side of something
- n. a playing card with a picture of a trumpeter on it, used in certain card games
- v. to disconnect or separate something from something else that it was joined to or part of previously
- adj. of or relating to a nerve or the nervous system that includes the brain
- the scientific test conducted to observe what happens and gain new knowledge
- v. to communicate or react with somebody
- n. the point or degree or area to which something extends
- adj. not genuine; fraudulent or counterfeit
- adj. relating to people's feelings
- v. to give someone the power or authority to do something
- v. to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded

ANSWERS: 66. upside, 67. trump, 68. decouple, 69. neural, 70. experiment, 71. interact, 72. extent, 73. fake, 74. emotional, 75. empower, 76. exchange

Vocab-Builder Ref from "Tom Graham: The incredible creativity of deepfakes -- and the worrying future of AI | TED Talk" (119 words)

Vocab-Builder Ref from "Tom Graham: The incredible creativity of deepfakes -- and the worrying future of AI | TED Talk" (119 words)

ANSWERS: 86. balance, 87. process, 88. accurate, 89. empower, 90. registry, 91. cosmetically, 92. confer, 93. cruise, 94. prominent

ab-Builder Ref from "Tom Graham: The incredible creative	rity of deep	fakes and the worrying future of AI   TED Talk" (119 words
95. rur mill	n.	a piece of unverified information of uncertain origin that is spread by word of mouth
96. an uncble silence	adj.	providing or feeling physical discomfort or slight pain
97. dele a space shuttle	ν.	to disconnect or separate something from something else that it was joined to or part of previously
98. clear inon	n.	something you want to do and are going to do
99. new and comng evidence	adj.	arousing strong and irresistible interest, attention, or admiration
100. an elegant entent	n.	public shows, films, television, or other performances or activities of enjoying people
101. funal rights	adj.	forming an essential base or core from which everything else develops or is affected
102. sn thread out of cotton	ν.	to cause something to rotate rapidly; to cause someone to feel dizzy or disoriented
103. vey identity	v.	to check that something exists or is true, or to prove that something is correct
104. vey a document	v.	to check that something exists or is true, or to prove that something is correct
105. a man of prty	n.	a thing or things that belong to someone

ANSWERS: 95. rumor, 96. uncomfortable, 97. decouple, 98. intention, 99. compelling, 100. entertainment, 101. fundamental, 102. spin, 103. verify, 104. verify, 105. property

114. tell a com\_\_\_\_ng story adj. arousing strong and irresistible interest, attention, or admiration

115. fi\_\_\_y management

116. fo\_\_\_\_st expert

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

believe that something is true

adj. most important, leading, or prominent

ANSWERS: 106. photorealistic, 107. introductory, 108. lord, 109. grandparent, 110. emotion, 111. zoom, 112. spiral, 113. instinct, 114. compelling, 115. fishery, 116. foremost

Vocab-Builder Ref from "Tom Graham: The incredible creativity of deepfakes -- and the worrying future of AI | TED Talk" (119 words)

ANSWERS: 117. celebrity, 118. accurate, 119. horrible, 120. submit, 121. instinct, 122. definitely, 123. process, 124. creative, 125. embody, 126. communicate

authentic, 132. property, 133. tremendous, 134. span, 135. misuse, 136. capture, 137. definitely

ANSWERS: 138. arrest, 139. downside, 140. institutionalize, 141. deploy, 142. misuse, 143. polite, 144. accommodation, 145. creepy, 146. creative, 147. conventional, 148. conventional

149. phoph memories	n.	a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
150. ampion system	n.	the process of increasing the volume or intensity of something; the expansion or elaboration of a concept or idea
151. the RSA alhm	n.	a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
152. alhm for image processing	n.	a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
153. evely become obsolete	adv.	finally, particularly after a long time or a lot of struggle, complications, and so on
154. a private indal	n.	a single person or thing, as distinct from a group
155. faI nerve	adj.	of or relating to a person's face
156. neI stem cells	adj.	of or relating to a nerve or the nervous system that includes the brain
157. a crk in a board	v.	to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking
158. the state of being wed	adj.	extraordinary, unexpected, or difficult to explain
159. shopping reds cards	n.	a thing given in acknowledgment of service, hard work, achievement, etc.

ANSWERS: 149. photograph, 150. amplification, 151. algorithm, 152. algorithm, 153. eventually, 154. individual, 155. facial, 156. neural, 157. crack, 158. weird, 159. reward

the scientific test conducted to observe 160. series of exp nts n. what happens and gain new knowledge 161. ex\_\_\_d the warranty to broaden in scope, range, or area ν. 162. vulnerable to man\_\_\_\_te to influence or control something or ν. someone to your advantage, often in an unfair or dishonest way 163. ec\_\_\_\_y of scale the system by which a country or region n. 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 to assert that something is true; to 164. false cl\_\_m  $\nu$ . demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true 165. a r w of cherry trees an arrangement of objects or people n. side by side in a line 166. intellectual f t a notable or impressive achievement, n. especially one that requires great skill or bravery 167. ca\_\_\_\_e customers' hearts to catch a person or an animal and confine them in an area which they cannot escape 168. ex\_\_\_e rebellion to make someone feel suddenly ν. enthusiastic or eager

ANSWERS: 160. experiment, 161. extend, 162. manipulate, 163. economy, 164. claim, 165. row, 166. feat, 167. capture, 168. excite

average or intermediate; (noun) a means or instrumentality for storing or communicating information

usually to avoid being seen or heard

adj. of a size, amount, or level that is

ANSWERS: 169. foremost, 170. crack, 171. consent, 172. prominent, 173. weird, 174. essence, 175. discovery, 176. representation, 177. creep, 178. medium

178. me\_\_\_m color

	nton between man and nvironment	n.	the act of connecting with someone, mainly when working, playing, or spending time with them
180. of	e course	adj.	not connected to the internet
181. abs_	ly obsessed with the girl	adv.	without restriction or limitation; completely or utterly
182. work	pet	v.	to allow for something to happen or be done; (noun) the act of giving a formal, usually written, authorization
183. cr	_y atmosphere	adj.	causing an uneasy feeling of fear or unease
184. ec	y 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
185. globa	al paic	n.	an outbreak of a disease that affects many people over a very wide area
186. binar	y repion	n.	the act of speaking, acting, or being present on behalf of someone officially; a statement of facts and reasons made in appealing or protesting
187. a re_	ic goal	adj.	having or showing a sensible and practical idea that is possible to achieve
188. ge	te more electricity	<i>v</i> .	to produce or create something; to make offspring by reproduction
189. the b	ae of power	n.	a condition in which everything has the same weight or force; something left after other parts have been taken away

ANSWERS: 179. interaction, 180. offline, 181. absolutely, 182. permit, 183. creepy, 184. economy, 185. pandemic, 186. representation, 187. realistic, 188. generate, 189. balance

ANSWERS: 190. essence, 191. generate, 192. hell, 193. impersonate, 194. permit, 195. copyright, 196. amplification, 197. amazing, 198. cruise

driving or traveling at a leisurely pace

ANSWERS: 199. circumstance, 200. pornography, 201. embody, 202. confer, 203. transport, 204. hell, 205. interact, 206. uncanny, 207. whale, 208. avatar

an organization or starts a business

217. an advertising me\_\_\_m

adj. of a size, amount, or level that is average or intermediate; (noun) a means or instrumentality for storing or communicating information

218. su\_\_\_t an application

v. to give or offer a document, proposal, etc. to a decision-maker for examination or consideration

n.

one of several people who establishes

216. co er of the university

ANSWERS: 209. indefinitely, 210. grandparent, 211. lord, 212. creep, 213. AI, 214. possibility, 215. unreal, 216. cofounder, 217. medium, 218. submit

219. hole accident	adj.	extremely unpleasant or bad; causing fear or disgust
220. field of viI arts	adj.	relating to seeing or sight
221. exe the crowd	ν.	to make someone feel suddenly enthusiastic or eager
222. intory biology text	adj.	intended as an introduction or preliminary; serving as a base or starting point
223. att customers	ν.	to draw or entice someone or something towards them through the qualities they have, especially positive ones
224. late coer	n.	one of several people who establishes an organization or starts a business
225. commercial fiy	n.	an area of water where fish are caught in large quantities for living; a business or practice of catching and selling fish
226. for your accion	n.	a place to live, work, or stay, particularly for a temporary or short-term period; adjustment or adaptation to meet various needs or circumstances
227. unI situation	adj.	imaginary; not existing in fact
228. criminal on death r_w	n.	an arrangement of objects or people side by side in a line
229. exge rate	v.	to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded

ANSWERS: 219. horrible, 220. visual, 221. excite, 222. introductory, 223. attract, 224. cofounder, 225. fishery, 226. accommodation, 227. unreal, 228. row, 229. exchange

230. re\_\_\_\_on of inclusion the way two persons or groups of n. people feel and act toward one another 231. flu pa\_\_\_\_ic an outbreak of a disease that affects n. many people over a very wide area 232. raise public aw\_\_\_\_ss the fact or state of knowing something n. exists and is important 233. in\_\_\_t gaze a strong determination or attention to do n. or achieve something; (adjective) having a strong determination to do or achieve something 234. the re\_\_\_d for good works a thing given in acknowledgment of service, hard work, achievement, etc. 235. in\_\_\_\_ng stories adj. stimulating and motivating you to want to do something 236. postpone a meeting ind\_\_\_\_ely adv. without any fixed or definite limit; for an unknown or unspecified period of time to cause something to rotate rapidly; to 237. s\_n a top ν. cause someone to feel dizzy or disoriented

ANSWERS: 230. relation, 231. pandemic, 232. awareness, 233. intent, 234. reward, 235. inspiring, 236. indefinitely, 237. spin

## **Session 3: Fill in the Blanks**

1.	She underwent a _		surgery to	o alter her appearance	e.
ad	v. in terms of appear appearance of sor	rance, especially ab mething; superficiall	•	or enhancing the	
2.	The use of	in political camp	aigns is a grow	ving concern.	
n.	technology to crea	•	yal of a person	vanced computer saying or doing some ive or malicious purpo	_
3.	There was a basele	ss that the c	ompany was go	oing bankrupt.	
n.	a piece of unverifi mouth	ed information of ur	ncertain origin tl	hat is spread by word	of
4.	There has been a g	radual but steady ri	se in environm	ental	
n.	the fact or state of	knowing something	g exists and is i	mportant	
5.	My sister and I freq	uently bo	oks, as we love	e reading.	
ν.	implication that the the act of giving o	•	d are of equal c n return for sor	or comparable value; ( mething else; a place o	
6.	The video game's g	raphics were so		that it felt like I was ir	ı it.
ad	j. referring to image photograph or a re		ıre so realistic t	hat it appears to be a	
7.	profiling is a	a new form of airpor	t security.		
ad	j. of or relating to a $ $	person's face			
	ISWERS: 1. cosmetic change, 6. photoreali		leepfakes, 3. ru	ımor, 4. awareness, 5	١-

8.	Enhanced rail is crucial for our business.
n.	a system for moving people or products from one location to another using automobiles, roads, and so on
9.	A person who has been declared incompetent should have legal
n.	the act of speaking, acting, or being present on behalf of someone officially; a statement of facts and reasons made in appealing or protesting
10.	He was the leader of the demonstrators and spoke out against the war in the front
n.	an arrangement of objects or people side by side in a line
11.	I found an old of my grandparents from their wedding day.
n.	a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
12.	My computer has been acting recently.
adj	i. extraordinary, unexpected, or difficult to explain
13.	The designer's was to create a minimalist aesthetic for the interior of the building.
n.	a strong determination or attention to do or achieve something; (adjective) having a strong determination to do or achieve something
14.	We have to our foreign policy from ideology.
ν.	to disconnect or separate something from something else that it was joined to or part of previously
	SWERS: 8. transportation, 9. representation, 10. row, 11. photograph, 12. weird, intent, 14. decouple

40. <sup>°</sup>	The experience was and left a lasting impression.
adj.	extremely unpleasant or bad; causing fear or disgust
	The class was designed to give students a basic understanding of the subject.
adj.	intended as an introduction or preliminary; serving as a base or starting point
12. <sup>-</sup>	The comedian is famous for his ability to famous politicians.
<i>v</i> .	to pretend to be someone else, often with the intent to deceive or defraud; to imitate the mannerisms or speech of another person as a form of tribute or satire
13. <sup>-</sup>	Try to keep a between work and off.
n.	a condition in which everything has the same weight or force; something left after other parts have been taken away
14.	The economic stimulation program would a lot of new jobs.
ν.	to produce or create something; to make offspring by reproduction
15. ·	The animal rights group worked to the dolphins back into the wild.
ν.	to set free or allow to escape from confinement
	The computer is and cannot be accessed at the moment.  not connected to the internet
17. <sup>-</sup>	The corporation dominated the entire tobacco business.
adv.	finally, particularly after a long time or a lot of struggle, complications, and so on
	SWERS: 40. horrible, 41. introductory, 42. impersonate, 43. balance, 44. generate release, 46. offline, 47. eventually

	der Ref from "Tom Graham: The incredible creativity of deepfakes and the worrying future of AI   TED Talk" (119 wo
48.	Her response revealed idiocy.
adj	unbelievable; enormous
49.	She was close to her paternal and often spent summers with them.
n.	a parent of one's father or mother
50.	Our CEO's are always transparent and straightforward.
n.	something you want to do and are going to do
51.	The feudal had ruled the land for many years.
n.	a person who has general authority, control, or power over others; a man of noble rank or high office
52.	He wants to ownership of the abandoned property.
v.	to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true
53.	The hotel offers comfortable for both business and leisure travelers.
n.	a place to live, work, or stay, particularly for a temporary or short-term period; adjustment or adaptation to meet various needs or circumstances
54.	She gave her to the company's proposal.
n.	permission or agreement to do something, especially given by somebody in authority
55.	It is an incredible to climb Mount Everest, the highest mountain in the world.
n.	a notable or impressive achievement, especially one that requires great skill or bravery
	SWERS: 48. incredible, 49. grandparents, 50. intentions, 51. lord, 52. claim, 53. ommodations, 54. consent, 55. feat

64. Please the assignment to me.
v. to give or offer a document, proposal, etc. to a decision-maker for examination or consideration
65. Please tell me how to this computer.
v. to influence or control something or someone to your advantage, often in an unfair or dishonest way
66. The new policy aims to the use of renewable energy sources.
v. to establish or make something a part of an institution (= a place such as a university, hospital, etc.)
67. The stages of the play were meticulously
adj. known to be real and what people say it is; not a fake or copy
68. The rise of digital technology has made the sharing of easier than ever before.
materials such as films, photographs, or written descriptions that depict or describe sexual activity graphically or explicitly, often intended to be sexually arousing
69. We had a time yesterday.
adj. very great in degree or extent or amount or impact; extremely good
70. The of the new policy was that it would be more expensive for customers.
n. the negative aspects or consequences of something; the potential for loss or failure
ANSWERS: 64. submit, 65. manipulate, 66. institutionalize, 67. authentic, 68. pornography, 69. tremendous, 70. downside