# **Englist.me**

## Vocabulary Builder Reference from...

Tony Long: The outlaws of the ocean -- and how we're reeling them in | TED Talk https://www.ted.com/talks/tony\_long\_the\_outlaws\_of\_the\_ocean\_and\_how\_we\_re\_reeling\_them\_in



## **All Words**

#### **IMPORTANT**

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## **Session 1: Word List**

ro	DV	al
	- ,	•

adj. relating to or belonging to the king or queen or a member of their family

synonym: imperial, noble, aristocratic

(1) a royal palace, (2) prince royal

She is willing to give up her position in the **royal** family to marry him.

#### naval

*adj.* of or relating to ships, sailors, or the navy *synonym*: marine, seafaring, maritime

(1) naval battles, (2) naval base

The **naval** officer was responsible for the safety and well-being of the crew on his ship.

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.

#### firsthand

adv. from the source; directly; (adjective) received directly from a source

synonym: direct

(1) hear customer's voices firsthand, (2) conduct firsthand

research

The manager tried to hear customers' voices **firsthand**.

#### vessel

n. a ship or large boatsynonym: boat, ship, craft

(1) blood **vessels**, (2) naval **vessels** 

The **vessel** arrived in port the following day.

#### 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.

#### fleet

- a group of military ships, aircraft, etc., operating together under the same ownership; (adjective) moving very fast
   synonym: armada, flotilla, (adjective) speedy
- (1) **fleet** of foot, (2) a **fleet** horse

We destroyed a **fleet** of 70 enemy ships.

## fingertip

- *n*. the end or tip of a finger
- (1) apply **fingertip** pressure, (2) burn my **fingertip**The archaeologist ran his **fingertips** along the pattern of the tombstones.

## rogue

 a deceitful and unreliable person; a person who behaves badly

synonym: baddie, con artist, crook

(1) a rogue detective, (2) rogue state

The president states emphatically that the opponent country is a **rogue** state that supports terrorism.

#### extract

a short passage taken from a book, piece of music, etc.;
 a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force

*synonym*: excerpt, quote, distillation

(1) a brief **extract** from the book, (2) botanical **extract** Anesthetize the gum before **extracting** the teeth.

## disobedient

adj. refusing to follow the rules or orders, often deliberately or defiantly; showing a lack of respect for authority or established norms

synonym: insubordinate, unruly, defiant

(1) disobedient attitude, (2) disobedient dog

The **disobedient** child refused to clean up after themselves despite constant requests from their parents.

## pillage

n. the act of looting or plundering, particularly during times of war or conflict; the theft or destruction of property or valuables; (verb) to rob, loot, or plunder a place or area, usually in a violent and destructive way

synonym: looting, plunder, raid

(1) violent **pillage**, (2) **pillage** gold and other treasures The army's village **pillage** left the residents without food or shelter.

#### colossal

adj. extremely large and impressive synonym: gigantic, huge, enormous

(1) **colossal** statue, (2) a **colossal** success

The new building is truly **colossal**, towering over the surrounding buildings.

## illegal

adj. not allowed by lawsynonym: banned, prohibited, illicit

(1) **illegal** drugs, (2) child of **illegal** immigrants The customs agents seized the **illegal** shipment.

## unreported

*adj.* not told to someone in authority or the public *synonym*: unlisted, private, confidential

(1) **unreported** results, (2) **unreported** earnings In this country, there is a substantial hidden sector of the economy where private cash transactions go **unreported**.

#### skew

v. to turn or place at an angle; to make biased or distorted with the result that it is not accurate, fair, normal, etc.

synonym: slant, tilt, distort

(1) **skew** the message, (2) **skew** social values

The results of the poll are **skewed** because it only surveyed a small group of people.

#### sustainable

*adj.* able to continue or be continued for a long time *synonym*: continuable, endurable, tolerable

(1) **sustainable** alternative fuel, (2) principles of **sustainable** development

The government should do more to support environmentally **sustainable** agriculture.

## 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

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

## threaten

v. to utter intentions of injury or punishment against someone

synonym: endanger, terrorize, intimidate

(1) **threaten** a healthy relationship, (2) **threaten** national security

Various artificially induced causes are **threatening** our ecosystem.

## well-being

- n. the state of being happy and healthy and prosperoussynonym: health, welfare, happiness
- (1) the **well-being** of a nation, (2) a sense of **well-being** We are responsible for the care and **well-being** of all our employees.

## pirate

 n. (especially in the past) a person who attacks and robs ships at sea

synonym: buccaneer, corsair, privateer

(1) pirate treasure, (2) video pirate

The **pirate** captain ordered his crew to attack the merchant ship.

## spill

v. to cause or allow liquid to run or flow over the edge of its container by accident

synonym: slop, drop, scatter

(1) **spill** a bit of wine, (2) **spill** my heart

He was determined to **spill** everything.

#### undetected

adj. not perceived or discovered

synonym: undiscovered, hidden, concealed

(1) **undetected** cancer, (2) leave the house **undetected**Doctors made mistakes, and diseases remained **undetected**.

## punishment

 a penalty or consequence inflicted for wrongdoing or offense; a means of enforcing discipline or preventing further wrongdoing

synonym: penalty, discipline, retribution

(1) **punishment** for a crime, (2) humiliating **punishment** The judge gave severe **punishment** to the criminal who committed the heinous crime.

#### 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.

#### monitor

v. to observe, check, and track the progress or quality of something over a period of time

synonym: proctor, check, observe

(1) monitor an exam, (2) monitor the data carefully

They used a special receiver to **monitor** police radio channels.

## exploration

 the activity of searching and finding out about something through a place

synonym: inquiry, quest, investigation

(1) future of space **exploration**, (2) an Arctic **exploration** He called for a careful **exploration** of the consequences.

## aquaculture

 the cultivation of aquatic organisms such as fish, seaweed, and shellfish for human consumption, as well as for environmental conservation and research purposes

synonym: fish farming, mariculture, hydroponics

(1) **aquaculture** industry, (2) sustainable **aquaculture** Fish farming is a form of **aquaculture** that has recently gained popularity.

#### mention

- v. to speak or write about something or someone briefly synonym: reference, allude, cite
- (1) **mention** name, (2) **mention** in a report I **mentioned** to him that I had seen his sister at the grocery store earlier that day.

## pile

a collection of objects positioned one on top of another;
 a large sum of something, such as money

synonym: accumulation, heap, stack

(1) a sand pile,(2) the height of a pileAfter the party, they had to clean up piles of dirty dishes.

#### climate

 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.

## straightforward

*adj.* easy to do or understand, or simple; free from ambiguity *synonym*: honest, candid, forthright

(1) **straightforward** manner, (2) make a **straightforward** dash

The defendant gave a **straightforward** and accurate description of the accident.

deck

 a flat surface that is usually made of wood or other material and is attached to a building, vehicle, or other structure

synonym: platform, veranda, patio

(1) deck chairs, (2) hands on deck

She sat on the ship's **deck**, watching the sunset over the ocean.

#### intractable

adj. difficult to manage or control; stubborn or obstinatesynonym: obstinate, stubborn, unyielding

(1) **intractable** pain, (2) **intractable** situation The **intractable** problem defied a solution.

yield

the total output of crops, profits, etc. that are produced;
 (verb) to produce or supply helpful something, such as a profit, an amount of food, or information

synonym: proceeds, harvest, output

- (1) corn **yield**, (2) the **yield** on the bond The company's stock gives a high **yield**.
- The company's stock gives a high **yield**.

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

#### interconnect

v. to connect similar things

*synonym*: interlink, complect, annex

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

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

#### satellite

beam

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.

synonym: orbiter, asteroid, moon

- (1) a GPS **satellite**, (2) a meteorological **satellite** Launching an artificial **satellite** contributed to the technological development of our country.
- a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source

synonym: ray, ray of light, shaft of light

(1) **beam** of light, (2) a structural **beam** of a building The sun's **beam** shone through the window and illuminated the room.

#### enormous

adj. extremely large or greatsynonym: huge, giant, gigantic

(1) **enormous** amount, (2) **enormous** potential Shakespeare's output of poetry was **enormous**.

## **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.

#### advance

- v. to go or move forward; to develop in a positive way synonym: progress, boost, come along
- (1) **advance** the technology, (2) **advance** a cooperative relationship

Scientific knowledge will **advance** significantly with the power of AI.

#### locate

 to specify or determine the exact position of someone or something

synonym: discover, find, place

(1) **locate** a missing pet, (2) **locate** a tumor The robot can accurately **locate** construction material.

#### stream

 a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.

*synonym*: flow, current, brook

(1) the **stream** of time, (2) an endless **stream** of cars

Jet **streams** are the common name for air currents that form high in the atmosphere.

#### industrial

*adj.* of or relating to or resulting from industry *synonym*: manufacturing, mechanical

(1) beginning of the **industrial** revolution, (2) **industrial** alcohol

**Industrial** design has become more focused on human nature aspect than ever before.

## 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.

#### embrace

v. to accept something willingly and enthusiastically; (noun) the act of clasping another person in the arms as in greeting or affection

synonym:

grasp, hold tightly, accept

(1) **embrace** an opportunity, (2) a warm **embrace** The woods **embrace** the house.

## suspect

- v. to consider anything to be actual or probablesynonym: assume, distrust, surmise
- (1) **suspect** a plot, (2) **suspect** that he is sick The cops **suspected** him of being the killer.

#### contravene

- v. to go against or violate a law, rule, or principle; to act contrary to someone's wishes or expectationssynonym: breach, violate, transgress
- (1) **contravene** the protocol, (2) **contravene** the rules
  The company's decision to **contravene** safety regulations put
  its employees at risk.

## sanction

official permission or approval for an action, especially an economic or political action by a government or international organization; a penalty or punishment imposed for breaking the law, rule, or agreement; (verb) to impose a penalty or punishment for breaking the law, rule, or agreement

synonym: approve, authorize, endorse

(1) Imperial **sanction**, (2) popular **sanction**The government imposed economic **sanctions** on the country.

radar

 a technology that employs radio waves to locate items that cannot be seen

*synonym*: sonar, radiolocation

(1) **radar** air traffic control, (2) **radar** scanning **Radar** systems cannot spot the submarine.

## optical

adj. of or relating to or light or the ability to see; (noun) the science of light and vision, and to instruments and techniques used in the study and application of light

synonym: visual, ocular

(1) new **optical** glasses, (2) **optical** fiber

The **optical** illusion made it appear like the building was floating in midair.

imagery

n. the use of words or pictures in books, photographs, paintings, etc., that produces pictures in the minds of people; the ability to form mental images of things or events

synonym: metaphors, symbolism, imaging

(1) visual **imagery**, (2) satellite **imagery** 

This movie is famous for its romantic imagery.

rev

 a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

*synonym*: revolution, RPM, speed

(1) low- rev engine, (2) rev up the crowd

He stepped on the gas pedal, and the engine released a loud **rev**.

armada

 a large fleet of warships or other vessels, typically organized for a specific military purpose and often under the command of a single admiral; a large group of powerful or influential people or things

synonym: fleet, flotilla, squadron

(1) naval armada, (2) armada ships

The Spanish **Armada** was a powerful fleet of ships that attempted to invade England in 1588.

tragedy

n. an event or situation causing great loss, misfortune, or destruction; a play or literature that deals with a severe and sad event and often ends with the death of the main character

synonym: disaster, adversity, calamity

(1) a **tragedy** during work, (2) the aftermath of this **tragedy** Macbeth is a famous **tragedy** by Shakespeare.

## rickety

adj. wobbly, unsteady, and likely to collapsesynonym: unstable, wobbly, shaky

(1) rickety structure, (2) rickety chair

The old wooden bridge was **rickety** and swayed with every step.

## compete

v. to strive to achieve more success than someone or something

synonym: contend, contest, vie

(1) **compete** against a friend, (2) **compete** fiercely You must **compete** with others to obtain this position.

vast

adj. enormous in size, number, amount, or quantity synonym: expansive, extended, boundless

(1) vast majority, (2) vast desert

A vast audience viewed the broadcast.

## capsize

v. to overturn or tip over a boat or other watercraft; to turn upside down or on its side, often as a result of a sudden force or imbalance

synonym: overturn, overturning, tipping

(1) **capsize** a boat, (2) **capsize** in the middle of the storm The strong wind caused the kayak to **capsize**, throwing the paddler into the water.

ashore

adv. on or towards the land, as opposed to the sea or water synonym: on the beach, on the shore

(1) bring **ashore**, (2) go **ashore** after sunset
The ship finally came **ashore** after a long voyage.

crew

 a group of people who work together, especially on a ship or airplane

synonym: team, group, squad

(1) the film **crew**, (2) the **crew** of a fishing boat The ship's **crew** worked hard to repair the damaged sails before the next storm hit.

#### starve

v. to suffer or die from lack of food; to cause someone or something to suffer or die from lack of food; to deprive something of necessary nourishment or sustenance

synonym: famish, hunger

(1) **starve** for a victory, (2) **starve** to death If you don't eat soon, you're going to **starve**.

## compel

v. to force or require someone to do something; to exert a strong, irresistible force or pressure that makes someone act in a certain way

synonym: force, oblige, coerce

(1) **compel** a person to submission, (2) **compel** attention The strict deadlines will **compel** the team to work efficiently.

## technique

n. a particular way or art of doing something that needs skill

synonym: approach, procedure, strategy

(1) a **technique** in martial arts, (2) the **technique** applied to construction

Jockey's superior **technique** brought him victory.

#### illuminate

v. to light something or to make something lighter or brighter; to make something free from confusion or ambiguity

synonym: brighten, light, adorn

(1) **illuminate** a dark hall, (2) **illuminate** my understanding That biologist **illuminated** the mechanism of heredity.

## invisible

adj. impossible or nearly impossible to seesynonym: hidden, imperceptible, unseen

(1) an invisible asset, (2) invisible stars

The phenomenon is invisible at optical wavelengths.

## visible

adj. capable of being seen; or open to easy view

synonym: clear, observable, seeable

(1) **visible** stars, (2) **visible** by X-ray

My home is easily **visible** from the shore.

## explore

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

synonym: analyze, delve into, examine

(1) **explore** the world, (2) **explore** our options

The management must **explore** strategies to increase office security.

## dynamic

adj. having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)

synonym: energetic, active, vital

(1) a **dynamic** market, (2) **dynamic** person

The sprinter has a **dynamic** way of running.

## audacious

 adj. showing a willingness to take bold risks or to do something that is considered unconventional or daring; marked by originality, creativity, or boldness

synonym: bold, daring, fearless

(1) audacious stunt, (2) audacious decision

The young entrepreneur had an **audacious** plan to start his own company.

#### 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.

## byte

- a unit of digital information that consists of 8 bits,
   typically used to represent a single character of text or a small amount of computer code
- (1) byte code, (2) byte array

The computer hard drive had plenty of storage space but was

running low on available bytes.

#### oceanic

adj. relating to or characteristic of the ocean or its inhabitants; having to do with the vast expanse of saltwater that covers most of the Earth's surface

synonym: marine, pelagic, sea

(1) oceanic climate, (2) oceanic exploration

The **oceanic** waves crashed against the shore, creating a mesmerizing sight.

## cargo

- n. the goods carried by ship, aircraft, or other vehiclessynonym: shipment, freight, burden
- (1) plenty of **cargo** space, (2) unload the **cargo** During the war, many **cargo** ships were converted into battleships.

#### structure

 the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

synonym: construction, architecture, establishment

(1) the **structure** of a machine, (2) **structure** and function of the brain

The organizational **structure** of start-ups is often flat and straightforward.

#### conservationist

 a person who advocates or acts to protect and preserve the environment and wildlife

synonym: environmentalist

(1) wildlife **conservationist**, (2) dedicated **conservationist** The extinction of this species has been a significant concern for **conservationists**.

## critic

*n.* someone who expresses opinions about the quality of books, music, etc.

synonym: pundit, analyst, attacker

(1) art critic, (2) severe critic

Advocates for legal reform hear less harsh words from their **critics**.

#### nation

 a large organized community of people living in a particular country or region and having a particular culture

synonym: country, state, sovereign entity

(1) nation-state, (2) a seafaring nation

The **nation** of Japan is known for its unique culture and advanced technology.

## geography

 a field of science devoted to the study of the lands, features, inhabitants, and phenomena of the Earth

*synonym*: landscape, terrain, topography

(1) **geography** class, (2) economic **geography** She did well on her **geography** exam.

## pristine

adj. new and completely free from dirt or contamination synonym: chaste, pure, immaculate

(1) **pristine** beach, (2) maintain the **pristine** condition It is terrific to camp in **pristine** nature.

## government

 the group of people with authority to control a country or state

synonym: administration, regime, state

(1) **government** bureaucracy, (2) **government** funding The federal **government** is planning to increase taxes for the next fiscal year.

#### marine

adj. relating to the sea and the creatures and plants that live there

synonym: sea-dwelling, maritime, aquatic

marine insurance, (2) variety of marine life
 Seals and whales are marine animals beloved by the people.

#### combine

to join or merge to form a single thing or group

*synonym*: coalesce, cohere, blend

- (1) **combine** chemically with another substance,
- (2) **combine** augmented reality

Hydrogen and oxygen **combine** to form water.

## treaty

 a formal agreement or pact between two or more countries or other international entities

synonym: agreement, pact, accord

(1) treaty negotiation, (2) global climate treaty

The two countries signed a **treaty** to establish peaceful relations.

#### conservation

 n. the protection of something important, such as the natural environment or artificial structures, especially from the damaging effects of human activity

synonym: preservation, protection, saving

(1) soil **conservation**, (2) the **conservation** law of physics The forest was recently designated a **conservation** area.

## 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.

## uphold

v. to support or defend something, such as a law, idea, decision, etc.

synonym: defend, maintain, sustain

(1) **uphold** the law, (2) **uphold** tradition

The judge may **uphold** the decision of the lower court.

## develop

to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

synonym: evolve, progress, advance

(1) develop a strategy, (2) develop a skill

We must **develop** a new system to streamline our workflow and increase efficiency.

#### commitment

 a promise or firm decision to do something or to behave in a certain way

synonym: burden, obligation, promise

(1) a **commitment** to an alliance, (2) meet his **commitments** 

His business commitments took him to the United States.

## 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.

#### vein

 a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation

synonym: artery, blood vessel, capillary

(1) spider vein, (2) collapsed vein

The nurse inserted the needle into the **vein** in his arm to draw blood.

## oxygen

- the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
- (1) the hydrogen binds the oxygen, (2) lack of oxygen The passenger grabbed for the oxygen mask.

## regulate

 to control something, especially by means of rules or laws

*synonym*: control, restrain, handle

(1) **regulate** blood sugar levels, (2) **regulate** our conduct We must manage to **regulate** our expenditure.

rely

v. to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.

synonym: depend, count, lean

(1) **rely** on convenience stores, (2) **rely** entirely on him Babies heavily **rely** on others for food.

## inexhaustible

adj. incapable of being used up or worn out; boundless or limitless in quantity, energy, or endurance

synonym: infinite, exhaustless, limitless

(1) **inexhaustible** optimism, (2) **inexhaustible** curiosity Solar power is an example of an **inexhaustible** source of energy.

## 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

(1) **reign** of a dictator, (2) **reign** as sovereign The dictator's **reign** was characterized by widespread human rights abuses and suppression of political opposition.

#### outlaw

 to make something illegal; (noun) a person who has committed a crime or has been legally convicted of a crime

*synonym*: ban, prohibit, (noun) bandit

(1) **outlaw** racial discrimination, (2) **outlaw** cloning of human cells

Some communities began to **outlaw** alcohol consumption.

#### transform

v. to change in outward structure or looks;

synonym: alter, convert, change

(1) **transform** an education system, (2) **transform** heat into power

Vocab-Builder Ref from "Tony	Long: The outlaws of the ocean and how we're reeling them in   TED Talk" (99 words)
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	My father's death <b>transformed</b> my life completely.

# **Session 2: Spelling**

1. v\_\_t desert

2. the yi\_\_d on the bond

3. naval ve ls

4. ill\_\_\_\_te a dark hall

5. commercial fi\_\_\_y

6. st\_\_\_\_re and function of the brain

7. ri\_\_\_\_y chair

8. dis\_\_\_\_nt dog

9. und ed cancer

10. con\_\_\_\_ne the protocol

adj. enormous in size, number, amount, or quantity

n. the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information

n. a ship or large boat

v. to light something or to make something lighter or brighter; to make something free from confusion or ambiguity

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

 the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

adj. wobbly, unsteady, and likely to collapse

adj. refusing to follow the rules or orders,
 often deliberately or defiantly; showing
 a lack of respect for authority or
 established norms

adj. not perceived or discovered

v. to go against or violate a law, rule, or principle; to act contrary to someone's wishes or expectations

ANSWERS: 1. vast, 2. yield, 3. vessel, 4. illuminate, 5. fishery, 6. structure, 7. rickety, 8. disobedient, 9. undetected, 10. contravene

11. spider vn	n.	a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation
12. emng technologies	adj.	starting to exist, mature, or become well-known
13. men in a report	<i>v</i> .	to speak or write about something or someone briefly
14. loe a tumor	ν.	to specify or determine the exact position of someone or something
15. a stone wall sunds the palace	ν.	to be all around something or somebody
16. global climate try	n.	a formal agreement or pact between two or more countries or other international entities
17. soil conion	n.	the protection of something important, such as the natural environment or artificial structures, especially from the damaging effects of human activity
18. child of ilI immigrants	adj.	not allowed by law
19. rete blood sugar levels	<i>v</i> .	to control something, especially by means of rules or laws
20. an Arctic expon	n.	the activity of searching and finding out about something through a place
21. prince roI	adj.	relating to or belonging to the king or queen or a member of their family
22. 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.

ANSWERS: 11. vein, 12. emerging, 13. mention, 14. locate, 15. surround, 16. treaty, 17. conservation, 18. illegal, 19. regulate, 20. exploration, 21. royal, 22. satellite

Vocab-Builder Ref from "Tony Long: The outlaws of the ocean -- and how we're reeling them in | TED Talk" (99 words)

ANSWERS: 32. colossal, 33. naval, 34. imagery, 35. invisible, 36. royal, 37. massive, 38. fingertip, 39. well-being, 40. conservationist, 41. intractable, 42. conservation, 43. pristine, 44. skew

biased or distorted with the result that it

is not accurate, fair, normal, etc.

ANSWERS: 45. pillage, 46. explore, 47. byte, 48. cargo, 49. straightforward, 50. advance, 51. stream, 52. oceanic, 53. exploration

about something through a place

ANSWERS: 54. firsthand, 55. optical, 56. vein, 57. industrial, 58. naval, 59. fleet, 60. inspire, 61. inexhaustible, 62. illegal, 63. interconnect

ANSWERS: 64. unreported, 65. crew, 66. rev, 67. advance, 68. oceanic, 69. radar, 70. aquaculture, 71. harness, 72. outlaw

- 74. co\_\_\_e against a friend
- 75. a te\_\_\_\_ue in martial arts
- 76. economic ge\_\_\_\_hy
- 77. hands on d\_k
- 78. th\_\_\_en a healthy relationship
- 79. leave the house und ed
- 80. unr ed results
- 81. en\_\_\_us potential
- 82. in a co ed relationship
- 83. Al expert

- v. to make something illegal; (noun) a person who has committed a crime or has been legally convicted of a crime
- v. to strive to achieve more success than someone or something
- n. a particular way or art of doing something that needs skill
- a field of science devoted to the study of the lands, features, inhabitants, and phenomena of the Earth
- a flat surface that is usually made of wood or other material and is attached to a building, vehicle, or other structure
- v. to utter intentions of injury or punishment against someone
- adj. not perceived or discovered
- adj. not told to someone in authority or the public
- adj. extremely large or great
- adj. willing to put in a lot of effort, time, and energy into something; firmly believing in something
- 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

ANSWERS: 73. outlaw, 74. compete, 75. technique, 76. geography, 77. deck, 78. threaten, 79. undetected, 80. unreported, 81. enormous, 82. committed, 83. Al

91. str\_\_\_\_\_ard manner92. r\_\_y on convenience stores

93. co\_\_\_\_e chemically with another substance

94. em ng country

adj. easy to do or understand, or simple; free from ambiguity

v. to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.

 $\nu$ . to join or merge to form a single thing or group

adj. starting to exist, mature, or become well-known

ANSWERS: 84. regulate, 85. geography, 86. byte, 87. explore, 88. pirate, 89. industrial, 90. transform, 91. straightforward, 92. rely, 93. combine, 94. emerging

97. tr\_\_y negotiation

n. a formal agreement or pact between two or more countries or other international entities

sustenance

98. directly int\_\_\_\_ect with those v. to connect similar things systems

100. full of w\_t

101. con\_\_\_\_ne the rules

102. the height of a p e

103. meet his com nts

105. gov\_\_\_\_nt bureaucracy

106. fi\_\_\_y management

104. an in\_\_\_\_le asset

99. lo\_\_e a missing pet v. to specify or determine the exact position of someone or something

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

something of necessary nourishment or

v. to go against or violate a law, rule, or principle; to act contrary to someone's wishes or expectations

 a collection of objects positioned one on top of another; a large sum of something, such as money

n. a promise or firm decision to do something or to behave in a certain way

adj. impossible or nearly impossible to see

n. the group of people with authority to control a country or state

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

ANSWERS: 95. sustainable, 96. starve, 97. treaty, 98. interconnect, 99. locate, 100. wit, 101. contravene, 102. pile, 103. commitment, 104. invisible, 105. government, 106. fishery

107. sund a town	v.	to be all around something or somebody
108. a meteorological 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.
109. dep a skill	ν.	to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
110. illte my understanding	v.	to light something or to make something lighter or brighter; to make something free from confusion or ambiguity
111. a structural bm of a building	n.	a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source
112. a seafaring nan	n.	a large organized community of people living in a particular country or region and having a particular culture
113. maintain the prne condition	adj.	new and completely free from dirt or contamination
114. a sand pe	n.	a collection of objects positioned one on top of another; a large sum of something, such as money
115. severe crc	n.	someone who expresses opinions about the quality of books, music, etc.

ANSWERS: 107. surround, 108. satellite, 109. develop, 110. illuminate, 111. beam, 112. nation, 113. pristine, 114. pile, 115. critic

116. ineble optimism	adj.	incapable of being used up or worn out; boundless or limitless in quantity, energy, or endurance
117. apply AI technology to art	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
118. govnt funding	n.	the group of people with authority to control a country or state
119. a try during work	n.	an event or situation causing great loss, misfortune, or destruction; a play or literature that deals with a severe and sad event and often ends with the death of the main character
120. the w_t of man	n.	the ability to say or write things or ideas in a clever and humorous way
121. has a horse to a carriage	ν.	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
122. the film cw	n.	a group of people who work together, especially on a ship or airplane
123. col a person to submission	<i>v</i> .	to force or require someone to do something; to exert a strong, irresistible force or pressure that makes someone act in a certain way

ANSWERS: 116. inexhaustible, 117. AI, 118. government, 119. tragedy, 120. wit, 121. harness, 122. crew, 123. compel

- a long, sturdy piece of timber, metal, or 124. b m of light n. other material used to support a structure or span a distance; a ray or stream of light emitted by a source the chemical element with the symbol O 125. lack of ox n n. that is present in air and water and is necessary for people, animals, and plants to live 126. vi\_\_\_\_e stars adj. capable of being seen; or open to easy 127. dy\_\_\_c person adj. having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies) the goods carried by ship, aircraft, or 128. unload the ca o n. other vehicles 129. a warm em e to accept something willingly and enthusiastically; (noun) the act of clasping another person in the arms as
  - 130. go as\_\_\_e after sunset adv. on or towards the land, as opposed to the sea or water

131. int\_\_\_\_\_le pain

132. re n as sovereign

133. en us amount

- adj. difficult to manage or control; stubborn or obstinate
- n. the period of time during which a monarch or government holds power; (verb) to be the king or queen
- adj. extremely large or great

in greeting or affection

ANSWERS: 124. beam, 125. oxygen, 126. visible, 127. dynamic, 128. cargo, 129. embrace, 130. ashore, 131. intractable, 132. reign, 133. enormous

ANSWERS: 134. marine, 135. audacious, 136. structure, 137. starve, 138. disobedient, 139. inspire, 140. capsize, 141. rogue, 142. tragedy

143. burn my fiip	n.	the end or tip of a finger
144. a cold cle	n.	the weather in a particular location averaged over some long period
145. rar scanning	n.	a technology that employs radio waves to locate items that cannot be seen
146. nan-state	n.	a large organized community of people living in a particular country or region and having a particular culture
147. men name	<i>v</i> .	to speak or write about something or someone briefly
148. conduct find research	adv.	from the source; directly; (adjective) received directly from a source
149. coal statue	adj.	extremely large and impressive
150. a comnt to an alliance	n.	a promise or firm decision to do something or to behave in a certain way
151. new opI glasses	adj.	of or relating to or light or the ability to see; (noun) the science of light and vision, and to instruments and techniques used in the study and application of light
152. spl my heart	<i>v</i> .	to cause or allow liquid to run or flow over the edge of its container by accident
153. principles of susle development	adj.	able to continue or be continued for a long time
154. dk chairs	n.	a flat surface that is usually made of wood or other material and is attached to a building, vehicle, or other structure

ANSWERS: 143. fingertip, 144. climate, 145. radar, 146. nation, 147. mention, 148. firsthand, 149. colossal, 150. commitment, 151. optical, 152. spill, 153. sustainable, 154. deck

1	15	5.	ar	t	cr				С
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156. humiliating pun\_\_\_\_nt

157. popular sa\_\_\_\_on

158. bring as e

159. pi\_\_\_e treasure

160. su\_\_\_\_t a plot

161. au\_\_\_\_us stunt

162. ri y structure

163. co\_\_\_\_al combination of funds

164. naval ar a

- *n.* someone who expresses opinions about the quality of books, music, etc.
- a penalty or consequence inflicted for wrongdoing or offense; a means of enforcing discipline or preventing further wrongdoing
- n. official permission or approval for an action, especially an economic or political action by a government or international organization; a penalty or punishment imposed for breaking the law, rule, or agreement; (verb) to impose a penalty or punishment for breaking the law, rule, or agreement

adv. on or towards the land, as opposed to the sea or water

- n. (especially in the past) a person who attacks and robs ships at sea
- v. to consider anything to be actual or probable
- adj. showing a willingness to take bold risks or to do something that is considered unconventional or daring; marked by originality, creativity, or boldness
- adj. wobbly, unsteady, and likely to collapse
- adj. belonging to or used by a group rather than individuals; for common use
- a large fleet of warships or other vessels, typically organized for a specific military purpose and often under the command of a single admiral; a large group of powerful or influential people or things

ANSWERS: 155. critic, 156. punishment, 157. sanction, 158. ashore, 159. pirate, 160. suspect, 161. audacious, 162. rickety, 163. communal, 164. armada

ANSWERS: 165. punishment, 166. technique, 167. extract, 168. rogue, 169. pillage, 170. dynamic, 171. communal, 172. threaten

punishment against someone

173. s w the message to turn or place at an angle; to make ν. biased or distorted with the result that it is not accurate, fair, normal, etc. 174. ca\_\_\_e in the middle of the storm to overturn or tip over a boat or other ν. watercraft; to turn upside down or on its side, often as a result of a sudden force or imbalance to support or defend something, such 175. up\_\_\_d tradition as a law, idea, decision, etc. 176. corn yi\_\_d the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information to consider anything to be actual or 177. su t that he is sick ν. probable adj. relating to the sea and the creatures 178. ma\_\_\_e insurance and plants that live there the use of words or pictures in books, 179. satellite im\_\_\_y n. photographs, paintings, etc., that produces pictures in the minds of people; the ability to form mental images of things or events 180. re\_\_n of a dictator the period of time during which a n. monarch or government holds power; (verb) to be the king or queen 181. tr\_\_\_\_rm heat into power to change in outward structure or looks; ν. a small, narrow river; a continuous flow 182. an endless st m of cars n. of something, such as liquid, gas,

ANSWERS: 173. skew, 174. capsize, 175. uphold, 176. yield, 177. suspect, 178. marine, 179. imagery, 180. reign, 181. transform, 182. stream

people, vehicles, etc.

183. Imperial saon	n.	official permission or approval for an action, especially an economic or political action by a government or international organization; a penalty or punishment imposed for breaking the law, rule, or agreement; (verb) to impose a penalty or punishment for breaking the law, rule, or agreement
184. ry entirely on him	<i>v</i> .	to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
185. blood vels	n.	a ship or large boat
186. mor the data carefully	<i>v</i> .	to observe, check, and track the progress or quality of something over a period of time
187. coe augmented reality	<i>v</i> .	to join or merge to form a single thing or group
188. sustainable aqure	n.	the cultivation of aquatic organisms such as fish, seaweed, and shellfish for human consumption, as well as for environmental conservation and research purposes
189. vie by X-ray	adj.	capable of being seen; or open to easy view
190. the hydrogen binds the oxn	n.	the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live

ANSWERS: 183. sanction, 184. rely, 185. vessel, 186. monitor, 187. combine, 188. aquaculture, 189. visible, 190. oxygen

191. co | l attention to force or require someone to do ν. something; to exert a strong, irresistible force or pressure that makes someone act in a certain way a short passage taken from a book, 192. botanical ex t n. piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force 193. co\_\_\_e fiercely to strive to achieve more success than someone or something adj. willing to put in a lot of effort, time, and 194. strong and co ed sales staff energy into something; firmly believing in something to observe, check, and track the 195. mo r an exam ν. progress or quality of something over a period of time 196. effects of cl e change the weather in a particular location n. averaged over some long period adj. enormous in size, number, amount, or 197. v t majority quantity 198. low-r v engine a measure of the rate at which an n. engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of

ANSWERS: 191. compel, 192. extract, 193. compete, 194. committed, 195. monitor, 196. climate, 197. vast, 198. rev

rotations per minute

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

1. v.	Scientific knowledge will significantly with the power of AI. to go or move forward; to develop in a positive way
2. n.	Fish farming is a form of that has recently gained popularity.  the cultivation of aquatic organisms such as fish, seaweed, and shellfish for human consumption, as well as for environmental conservation and research purposes
3.	The defendant gave a and accurate description of the accident.
adj	easy to do or understand, or simple; free from ambiguity
	My father's death my life completely. to change in outward structure or looks;
	It is terrific to camp in nature.  new and completely free from dirt or contamination
6. n.	We are responsible for the care and of all our employees. the state of being happy and healthy and prosperous
	The government imposed economic on the country.  official permission or approval for an action, especially an economic or political action by a government or international organization; a penalty or punishment imposed for breaking the law, rule, or agreement; (verb) to impose a penalty or punishment for breaking the law, rule, or agreement
	SWERS: 1. advance, 2. aquaculture, 3. straightforward, 4. transformed, 5. pristine vell-being, 7. sanctions

25.	The woods the house.
v.	to accept something willingly and enthusiastically; (noun) the act of clasping another person in the arms as in greeting or affection
26.	The nurse inserted the needle into the in his arm to draw blood.
n.	a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation
27.	She is willing to give up her position in the family to marry him.
adj	relating to or belonging to the king or queen or a member of their family
28.	People have been exploring ways to natural forces and resources since ancient times.
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
29.	The sprinter has a way of running.
adj	having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)
30.	The captain ordered his crew to attack the merchant ship.
n.	(especially in the past) a person who attacks and robs ships at sea
31.	The judge may the decision of the lower court.
ν.	to support or defend something, such as a law, idea, decision, etc.
32.	Some communities began to alcohol consumption.
v.	to make something illegal; (noun) a person who has committed a crime or has been legally convicted of a crime
	SWERS: 25. embrace, 26. vein, 27. royal, 28. harness, 29. dynamic, 30. pirate, 31. nold, 32. outlaw

Vocab-Builder Ref from "Tony Long: The outlaws of the ocean and how we're reeling them in   TED Talk" (99 words)
50. During the war, many ships were converted into battleships.  n. the goods carried by ship, aircraft, or other vehicles
51. The strong wind caused the kayak to throwing the paddler into the water.
$\nu$ . to overturn or tip over a boat or other watercraft; to turn upside down or on its side, often as a result of a sudden force or imbalance
52. Macbeth is a famous by Shakespeare.
n. an event or situation causing great loss, misfortune, or destruction; a play or literature that deals with a severe and sad event and often ends with the death of the main character
53. The robot can accurately construction material.
v. to specify or determine the exact position of someone or something
<ul><li>54. On three sides, mountains the settlement.</li><li>ν. to be all around something or somebody</li></ul>
55. The ship finally came after a long voyage.
adv. on or towards the land, as opposed to the sea or water
56. The forest was recently designated a area.
n. the protection of something important, such as the natural environment or artificial structures, especially from the damaging effects of human activity
57. His business took him to the United States.
n. a promise or firm decision to do something or to behave in a certain way
ANSWERS: 50. cargo, 51. capsize, 52. tragedy, 53. locate, 54. surround, 55. ashore, 56. conservation, 57. commitments

Vocab-Builder Ref from "Tony Long: The outlaws of the ocean and how we're reeling them in   TED Talk" (99 words)	
58.	The ship's worked hard to repair the damaged sails before the next storm hit.
n.	a group of people who work together, especially on a ship or airplane
59.	Jockey's superior brought him victory.
n.	a particular way or art of doing something that needs skill
60.	The extinction of this species has been a significant concern for
n.	a person who advocates or acts to protect and preserve the environment and wildlife
61.	She sat on the ship's watching the sunset over the ocean.
n.	a flat surface that is usually made of wood or other material and is attached to a building, vehicle, or other structure
62.	The federal is planning to increase taxes for the next fiscal year.
n.	the group of people with authority to control a country or state
63.	The child refused to clean up after themselves despite constant requests from their parents.
adj	refusing to follow the rules or orders, often deliberately or defiantly; showing a lack of respect for authority or established norms
64.	Shakespeare's output of poetry was
adj	extremely large or great
65.	Advocates for legal reform hear less harsh words from their
n.	someone who expresses opinions about the quality of books, music, etc.
	SWERS: 58. crew, 59. technique, 60. conservationists, 61. deck, 62. government, disobedient, 64. enormous, 65. critics

97.	She did well on her exam.
n.	a field of science devoted to the study of the lands, features, inhabitants, and phenomena of the Earth
98.	The passenger grabbed for the mask.
n.	the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
99.	The young entrepreneur had an plan to start his own company.
adj	showing a willingness to take bold risks or to do something that is considered unconventional or daring; marked by originality, creativity, or boldness

ANSWERS: 97. geography, 98. oxygen, 99. audacious