Englist.me

Vocabulary Builder Reference from...

Fred Krupp: Let's launch a satellite to track a threatening greenhouse gas | TED Talk https://www.ted.com/talks/fred_krupp_let_s_launch_a _satellite_to_track_a_threatening_greenhouse_gas



All Words

IMPORTANT

This material is a commentary and does not contain any copyrighted material of the reference source. We strongly recommend accessing/buying the reference source at the same time.

Session 1: Word List

flood

a large amount of water flowing beyond its normal limits;
 an overwhelming number or amount

synonym: deluge, downpour, overflow

(1) **flood** advisory, (2) a **flood** of questions

These heavy rains caused flash floods on several islands.

drought

 a long period of time during which there is very little or no rain, leading to a shortage of water and often causing damage to crops and other vegetation

synonym: dryness, aridity, water shortage

(1) periods of **drought**, (2) **drought** conditions

The region has been experiencing a severe **drought**, leading to water shortages and crop failures.

certainty

n. the state of being certain

synonym: inevitability, confidence, assurance

(1) scientific **certainty**, (2) reach **certainty** about the theory Through investigation, his suspicions hardened into **certainty**.

dent

v. to make a depression or indentation in the surface of something; (noun) a depression scratched or carved into a surface

synonym: indent, depress, mark

(1) **dent** removal, (2) **dent** his pride

He acci **dentally** dented his car when he bumped into a tree.

vision

 the ability to think about or see the future with imagination and intelligence; the faculty of being able to see

synonym: sight, image, concept

(1) a prodigious vision,(2) telescopic visionDriving is difficult for me because of my poor vision.

publicly

adv. in a manner accessible to or observable by the public; by the government

synonym: candidly, openly, honestly

(1) **publicly** accessible record, (2) **publicly** financed schools

She **publicly** denounced the government's mishandling of the economic crisis.

launch

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

synonym: start, initiate, begin

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

rocket

 a large tube-shaped object that moves very first by a stream of gases let out behind it, used for space travel or as a weapon

synonym: projectile, missile

(1) **rocket** attack against the enemy, (2) **rocket** fuel The **rocket** launch platform is visible from this hill.

satellite

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

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

pollution

 the introduction of harmful substances or waste into the natural environment that causes adverse change

synonym: corrosion, deterioration, corruption

(1) environmental **pollution**, (2) high levels of air **pollution**The **pollution** is endangering the local plants and animals.

planet

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

synonym: earth, world, globe

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

lifetime

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

introduction

n. a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market

synonym: initiation, preamble, prologue

(1) **introduction** education, (2) self- **introduction**The **introduction** to the new class was informative and engaging.

environmentalist

 a person who is concerned with and advocates for the protection of the natural environment

synonym: conservationist

(1) dedicated **environmentalist**, (2) an **environmentalist** political party

The **environmentalist** lobby changed the mindset of many conservative politicians.

pond

n. a small, shallow lakesynonym: lake, pool, basin

(1) a garden pond, (2) pond water

The freshwater **pond** was home to many different types of fish and was a popular spot for fishing.

chemical

adj. relating to or connected with chemistry;

synonym: chemic, synthetic

(1) toxic chemicals, (2) a chemical compound

The firm has grown into a large **chemical** manufacturing.

spill

 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.

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.

aspiration

 a strong desire to achieve something; the action or process of drawing breath

synonym: ambition, inhalation, intake

(1) no **aspiration** for fame, (2) **aspiration** into the lungs He has an **aspiration** to become a doctor.

prosperity

the state of being successful and having the good fortune

synonym:

affluence, accomplishment, capital

(1) economic **prosperity**, (2) **prosperity** of humankind This war shattered dreams of peace and **prosperity**.

thrive

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

environment

 the natural world such as air, water, and land in which humans, animals, and plants live

synonym: atmosphere, surroundings, climate

(1) **environment** affairs, (2) chaotic **environment**Every human is responsible for taking care of the Earth's **environment**.

defend

v. to protect someone or something from attack, criticism, danger, etc.

synonym: protect, guard, support

(1) **defend** my country, (2) **defend** against a threat International law allows each nation to **defend** itself when its rights and interests are illegally violated.

headwind

 a wind blowing directly against the forward movement of an aircraft, vehicle, or vessel, thereby slowing its progress and increasing fuel consumption

synonym: opposition

(1) facing headwind, (2) flying in a headwind
The cyclists had to contend with strong headwinds during the race.

precision

- n. the quality or condition of being exact and accuratesynonym: accuracy, exactness, rigor
- (1) a **precision** instrument, (2) speak with **precision**This operation requires both patience and **precision**.

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.

grasp

- v. to take hold of something or someone quickly and firmly synonym: grab, clasp, grip
- grasp his hand, (2) grasp a chance
 They spent a lot of time trying to grasp the current situation.

carbon

- a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
- (1) carbon dioxide, (2) carbon emissionTrees absorb carbon dioxide and give off oxygen.

oxide

- a chemical compound that contains at least one oxygen atom and one other element
- (1) silver oxide, (2) combined oxideThe blood's red coloring comes from iron oxide.

overlook

v. to fail to notice something; to watch over someone; to provide a view from above

synonym: disregard, look down, supervise

(1) overlook a street, (2) overlook that factWe cannot overlook an opportunity for great success.

appreciate

- v. to value and acknowledge the worth of someone or something; to be grateful for something or someonesynonym: acknowledge, admire, enjoy
- (1) **appreciate** her feedback, (2) **appreciate** the value We would **appreciate** an early reply.

methane

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

(1) atmospheric methane ,	(2) reduce methane emissions
The ignition of methane ga	s in the plant killed five
employees.	

quarter

- n. one of four equal parts; a fourth part or portionsynonym: fourth, one-fourth
- (1) a **quarter** mile, (2) end of the first **quarter**The unemployment rate in the first **quarter** was 2.3 percentage points higher than in the previous.

pound

- the standard unit of money in the UK; the standard unit of weight equal to 16 ounces
- (1) three-fourths of a **pound**, (2) thousands of **pounds**. The car's front bumper cost fifteen hundred **pounds**.

immediate

adj. happening or done without delay or occurring shortly after something else

synonym: prompt, quick, instantaneous

(1) take **immediate** effect, (2) the **immediate** past Both forts were subject to **immediate** attacks.

industrious

- adj. hardworking, diligent, and persistent in effort synonym: diligent, hardworking, assiduous
- (1) **industrious** worker, (2) **industrious** student He was known to be very **industrious** and would often work late into the night.

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.

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.

storage

 the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information

synonym: storehouse, depository, warehousing

(1) a **storage** battery, (2) **storage** at low temperature We store customer data in cloud **storage**.

facility

 a building or place that provides a particular service or is used for a particular industry

synonym: building, structure, installation

(1) a cell phone with an internet **facility**, (2) **facility** design This company has an entire recycling **facility**, including major reprocessing plants.

infrared

adj. relating to or denoting electromagnetic radiation with a wavelength just longer than that of red light but shorter than that of microwave radiation, used for sensing heat and for remote control

synonym: thermal, warm, radiant

(1) an **infrared** lamp, (2) **infrared** radiation

The **infrared** camera revealed a hidden image on the surface.

spot

- a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
 synonym: dot, mark, place
- (1) beauty **spot**, (2) a **spot** on his honor This remote **spot** is rarely visited.

expose

v. to show something by uncovering it; to make something accessible to some action or influence

synonym: disclose, reveal, uncover

expose a crime, (2) expose a person to risks
 That newspaper exposed a political scandal in a big way.

Page 8 / 44

leak

v. to allow liquid or gas to get in or out from a hole or crack in a pipe or container

synonym: outflow, divulge, disclose

(1) leak data, (2) leak a classified memo

He **leaked** serious accounting irregularities that only people in the company's executive could know.

statistics

- the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
- (1) statistics for cancer, (2) official statistics

The **statistics** demonstrate that poverty and unemployment are genuine problems.

displace

v. to force someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation

synonym: evict, exile, remove

- (1) **displace** workers, (2) **displace** the explosive power The construction of the new dam will **displace** hundreds of families living downstream.
- a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat

synonym: ember

- (1) a **coal-fired** ship, (2) construction of new **coal** plants We combust **coal** and other fossil fuels to generate electricity.
- v. to give off or send out something such as light, heat, sound, gas, etc.

synonym: give off, radiate, expel

(1) **emit** a gamma ray, (2) **emit** air pollution During the unloading, the container box **emits** a clicking sound.

coal

emit

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.

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.

equip

- v. to provide a person or a place with the things that are needed for a particular purpose or activitysynonym: prepare, furnish, provide
- (1) **equip** an army, (2) **equip** our children with some special skills

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

contribute

- v. to give something, especially money or goods, to provide or achieve something together with other people
 synonym: donate, devote, commit
- (1) contribute a large sum of money to the fund,
- (2) contribute to society

Government workers cannot **contribute** to political campaigns.

disaster

- an unexpected event or series of events that cause widespread damage, destruction, or loss of life
 synonym: catastrophe, calamity, tragedy
- (1) global disaster, (2) disaster recovery

The disaster response team worked around the clock to aid

those affected by the earthquake.

nationwide

adj. extending throughout an entire nation *synonym*: countrywide, national

(1) **nationwide** strike, (2) **nationwide** network

This is a **nationwide** campaign to recruit women into trade unions.

drone

 a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control

synonym: hum, whirr, idler

(1) drone flight, (2) the speaker's drone

He heard a **drone** of sirens roar from the neighboring town.

helicopter

 a type of aircraft that is capable of hovering in place and moving vertically, as well as flying horizontally; often used for emergency medical services, military operations, and transport in areas with limited access

synonym: chopper, copter, whirlybird

(1) helicopter ride, (2) police helicopter

The company's CEO arrived at the meeting via **helicopter** to avoid traffic congestion

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.

vent

 a small opening to escape or release gas, air, liquid, etc.; activity or process that frees or expresses strong creative energy or emotion

synonym: duct, outlet, venthole

(1) volcanic **vent**, (2) **vent** tube

He gave vent to his anger by playing the guitar.

inexpensive

adj. costing little; having a low pricesynonym: cheap, affordable, economical

(1) inexpensive option, (2) an inexpensive inn

The restaurant offered delicious food at an **inexpensive** price.

replace

- v. to take the place of somethingsynonym: substitute, supersede, displace
- (1) **replace** one word with another, (2) **replace** a phone Eventually, the new design will **replace** all older models.

valve

 a device for controlling the flow of a fluid or gas through a pipe or duct by means of a movable part that opens, closes, or restricts the opening

synonym: tap, spigot, faucet

(1) electromagnetic valve, (2) valve control

The **valve** on the pipeline was leaking, so maintenance had to shut it off to make repairs.

tight

adj. fixed, fastened, or kept together firmly or closely synonym: closed, secured, cramped

(1) a **tight** game, (2) student on a **tight** budget The national election was held amid **tight** security.

loose

adj. not securely fixed or fastened in place or able to be detached or separated from something

synonym: relaxed, unconsolidated, open

(1) a **loose** tongue, (2) remove **loose** hair

The inspector discovered loose bolts under the fuel rods.

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.

suit

n. a set of clothes that are made from the same material; a claim or complaint that a person or organization can file in court against another party; (verb) to be fit or acceptable for

synonym: clothes, lawsuit, (verb) fit

(1) **suit** and tie restaurant, (2) **suit** at law Six **suits** are awaiting trial or verdict.

represent

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

synonym: depict, express, describe

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

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

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.

compact

adj. closely and firmly united or packed together, using very little space; smaller than is usual

synonym: packed, tight, consolidated

(1) a **compact** camera, (2) extremely **compact** device Two countries acted together as if by **compact**.

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.

empower

- v. to give someone the power or authority to do something synonym: authorize, endow, entitle
- (1) **empower** my life, (2) **empower** the secretary to do the same

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

regulation

 an official rule made and maintained by a government or some other authority; the act of controlling or directing something according to a rule

synonym: constraint, restriction, rule

(1) a company **regulation**, (2) **regulation** by the government

The **regulation** approved by Congress was perfunctorily implemented.

transparency

- n. the condition or quality of being easy to see throughsynonym: clearness, clarity, translucence
- (1) lack of **transparency**, (2) **transparency** during the trials The main discussion topic is government **transparency**.

progression

 the act or process of changing to the next stage or phase or moving forward

synonym: advancement, development, evolution

(1) **progression** of civilization, (2) **progression** of disease The company has made great strides in its **progression** toward sustainability.

brake

 a device used to slow or stop a moving vehicle, typically by applying pressure to the wheels

synonym: damper, restraint, check

(1) apply the brake, (2) brake pedal

The results of that election put a **brake** on political reform.

remarkable

adj. worthy of attention because unusual or special synonym: outstanding, exceptional, extraordinary

(1) **remarkable** achievement, (2) the **remarkable** breadth of knowledge

The election was a **remarkable** success for the Whigs.

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.

liftoff

n. the moment when a spacecraft or other vehicle takes off and lifts off the ground; the act or process of launching or beginning an endeavor

synonym: takeoff, launching, ascent

(1) **liftoff** time, (2) **liftoff** procedure

The spacecraft had a successful **liftoff**, launching into the atmosphere.

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**.

lever

 a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily

synonym: lifter, crowbar, bar

(1) a gear change **lever**, (2) **lever** for reform

This initiative will be a **lever** for increasing company sales.

innovation

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

synonym: invention, initiation, creation

Page 15 / 44

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

supercharge

- v. to increase the power or energy of somethingsynonym: boost, enhance, power up
- (1) **supercharge** economic growth, (2) **supercharge** the battery

They **supercharged** the engine to get more power.

aggressive

- adj. behaving in an angry, energetic, or threatening way towards another person; tending to spread quicklysynonym: assertive, combative, threatening
- (1) an **aggressive** war, (2) an **aggressive** tumor

An **aggressive** tide wrecked the ship.

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.

opportune

adj. suitable or happening at a time that is suitable or convenient for a particular purpose

synonym: suitable, timely, practical

(1) **opportune** occasion, (2) an **opportune** remark The phone rang at the most **opportune** time.

Session 2: Spelling

1. pl__t like the Earth

end of the first qu____r

3. periods of dr___t

4. em____r my life

5. pro____on of disease

6. a gear change le__r

7. an in____le asset

8. volcanic v t

9. ex e a person to risks

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

n. one of four equal parts; a fourth part or portion

a long period of time during which there is very little or no rain, leading to a shortage of water and often causing damage to crops and other vegetation

v. to give someone the power or authority to do something

n. the act or process of changing to the next stage or phase or moving forward

 a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily

adj. impossible or nearly impossible to see

 a small opening to escape or release gas, air, liquid, etc.; activity or process that frees or expresses strong creative energy or emotion

v. to show something by uncovering it; to make something accessible to some action or influence

ANSWERS: 1. planet, 2. quarter, 3. drought, 4. empower, 5. progression, 6. lever, 7. invisible, 8. vent, 9. expose

ANSWERS: 10. audacious, 11. rocket, 12. contribute, 13. methane, 14. supercharge, 15. overlook, 16. vent, 17. liftoff, 18. pollution

ANSWERS: 19. dent, 20. leak, 21. carbon, 22. government, 23. represent, 24. environmentalist, 25. storage, 26. replace, 27. overlook, 28. pound

ANSWERS: 29. satellite, 30. prosperity, 31. defend, 32. liftoff, 33. infrared, 34. represent, 35. aggressive, 36. precision, 37. vision

the faculty of being able to see

38. the st_	m of time	

39. a cold cl___e

- a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.
- n. the weather in a particular location averaged over some long period
- n. the group of people with authority to control a country or state
- n. the natural world such as air, water, and land in which humans, animals, and plants live
- to show something by uncovering it; to make something accessible to some action or influence
- a large organized community of people living in a particular country or region and having a particular culture
- a system for moving people or products from one location to another using automobiles, roads, and so on
- a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily
- adv. in a manner accessible to or observable by the public; by the government
- the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information

ANSWERS: 38. stream, 39. climate, 40. government, 41. environment, 42. expose, 43. nation, 44. transport, 45. lever, 46. publicly, 47. storage

48.	rot fuel	n.	a large tube-shaped object that moves very first by a stream of gases let out behind it, used for space travel or as a weapon
49.	conte a large sum of money to the fund	v.	to give something, especially money or goods, to provide or achieve something together with other people
50.	trrt facilities	n.	a system for moving people or products from one location to another using automobiles, roads, and so on
51.	an endless stm of cars	n.	a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.
52.	reach cety about the theory	n.	the state of being certain
53.	appte the value	v.	to value and acknowledge the worth of someone or something; to be grateful for something or someone
54.	Ik data	v.	to allow liquid or gas to get in or out from a hole or crack in a pipe or container
55.	proty of humankind	n.	the state of being successful and having the good fortune
56.	ineve option	adj.	costing little; having a low price
57.	apply the bre	n.	a device used to slow or stop a moving vehicle, typically by applying pressure to the wheels
58.	faty design	n.	a building or place that provides a particular service or is used for a particular industry

ANSWERS: 48. rocket, 49. contribute, 50. transport, 51. stream, 52. certainty, 53. appreciate, 54. leak, 55. prosperity, 56. inexpensive, 57. brake, 58. facility

59.	remove loe hair	adj.	not securely fixed or fastened in place or able to be detached or separated from something
60.	the imte past	adj.	happening or done without delay or occurring shortly after something else
61.	speak with pron	n.	the quality or condition of being exact and accurate
62.	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.
63.	amg advances	adj.	extremely surprising, especially in a way that you like or admire
64.	official stacs	n.	the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
65.	obs reasons	adj.	easy to see, discover or understand
66.	a cl-fired ship	n.	a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat
67.	student on a tit budget	adj.	fixed, fastened, or kept together firmly or closely
68.	combined oxe	n.	a chemical compound that contains at least one oxygen atom and one other element
69.	telescopic vin	n.	the ability to think about or see the future with imagination and intelligence; the faculty of being able to see

ANSWERS: 59. loose, 60. immediate, 61. precision, 62. satellite, 63. amazing, 64. statistics, 65. obvious, 66. coal, 67. tight, 68. oxide, 69. vision

70. no asp____on for fame a strong desire to achieve something; n. the action or process of drawing breath 71. ca___n dioxide a chemical element that can be found in n. pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals to provide a person or a place with the 72. eq p an army ν. things that are needed for a particular purpose or activity 73. environmental po____on the introduction of harmful substances or waste into the natural environment that causes adverse change any of the nine large celestial bodies 74. save the pl t n. that circle in the solar system; any celestial body that revolves around a 75. eq_p our children with some to provide a person or a place with the ν. special skills things that are needed for a particular purpose or activity a chemical compound with the chemical 76. reduce me e emissions n. formula CH4 with no smell or color, often used as a fuel 77. a garden p__d a small, shallow lake n. 78. art cr c someone who expresses opinions n. about the quality of books, music, etc. to take hold of something or someone 79. gr p a chance quickly and firmly the duration of someone's life or 80. li___me ban from the sport n. something's existence;

ANSWERS: 70. aspiration, 71. carbon, 72. equip, 73. pollution, 74. planet, 75. equip, 76. methane, 77. pond, 78. critic, 79. grasp, 80. lifetime

83. in____le stars
84. la__h a big attack

85. an agg____ve tumor

86. p__d water

87. br__e pedal

88. an in____ed lamp

89. take im____te effect

90. a s_t on his honor

adj. impossible or nearly impossible to see

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

adj. behaving in an angry, energetic, or threatening way towards another person; tending to spread quickly

n. a small, shallow lake

 a device used to slow or stop a moving vehicle, typically by applying pressure to the wheels

adj. relating to or denoting electromagnetic radiation with a wavelength just longer than that of red light but shorter than that of microwave radiation, used for sensing heat and for remote control

adj. happening or done without delay or occurring shortly after something else

 a particular location or place; a small round or roundish area, differing in color or feels from the surface around it

ANSWERS: 81. aspiration, 82. displace, 83. invisible, 84. launch, 85. aggressive, 86. pond, 87. brake, 88. infrared, 89. immediate, 90. spot

ANSWERS: 91. appreciate, 92. regulation, 93. loose, 94. valve, 95. compact, 96. audacious, 97. suit, 98. launch

99. the speaker's dre	n.	a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control
100. decision-making prs	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
101. supge the battery	v.	to increase the power or energy of something
102. ine a feeling of curiosity	v.	to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
103. lime benefits	n.	the duration of someone's life or something's existence;
104. effects of cle change	n.	the weather in a particular location averaged over some long period
105. regon by the government	n.	an official rule made and maintained by a government or some other authority; the act of controlling or directing something according to a rule
106. thousands of pods	n.	the standard unit of money in the UK; the standard unit of weight equal to 16 ounces
107. spI a bit of wine	<i>v</i> .	to cause or allow liquid to run or flow over the edge of its container by accident

ANSWERS: 99. drone, 100. process, 101. supercharge, 102. inspire, 103. lifetime, 104. climate, 105. regulation, 106. pound, 107. spill

113. construction of new c__l plants n. a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat

114. na___n-state

115. th___e in a society

117. rem le achievement

116. toxic ch als

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

v. to grow vigorously; to make steady progress

adj. relating to or connected with chemistry;

adj. worthy of attention because unusual or special

ANSWERS: 108. empower, 109. thrive, 110. displace, 111. introduction, 112. headwind, 113. coal, 114. nation, 115. thrive, 116. chemical, 117. remarkable

ANSWERS: 118. industrious, 119. innovation, 120. opportune, 121. flood, 122. compact, 123. environment, 124. introduction, 125. drought, 126. chemical, 127. inexpensive

confidence, or enthusiasm, especially to do something creative

ν.

special

adj. worthy of attention because unusual or

to make somebody fill with the desire,

ANSWERS: 128. nationwide, 129. spill, 130. oxide, 131. helicopter, 132. suit, 133. quarter, 134. grasp, 135. environmentalist, 136. remarkable, 137. inspire

136. the rem____le breadth of

137. in____e him to write a novel

knowledge

138. men in a report	<i>v</i> .	to speak or write about something or someone briefly
139. natde strike	adj.	extending throughout an entire nation
140. scientific cety	n.	the state of being certain
141. men name	ν.	to speak or write about something or someone briefly
142. innon leader	n.	the creation of a new device or process resulting from study and experimentation
143. a ti_t game	adj.	fixed, fastened, or kept together firmly or closely
144. a fld of questions	n.	a large amount of water flowing beyond its normal limits; an overwhelming number or amount
145. indus student	adj.	hardworking, diligent, and persistent in effort
146. flying in a hend	n.	a wind blowing directly against the forward movement of an aircraft, vehicle, or vessel, thereby slowing its progress and increasing fuel consumption
147. beauty st	n.	a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
148. severe crc	n.	someone who expresses opinions about the quality of books, music, etc.
149. ded against a threat	<i>v</i> .	to protect someone or something from attack, criticism, danger, etc.

ANSWERS: 138. mention, 139. nationwide, 140. certainty, 141. mention, 142. innovation, 143. tight, 144. flood, 145. industrious, 146. headwind, 147. spot, 148. critic, 149. defend

150. pro_____on of civilization the act or process of changing to the n. next stage or phase or moving forward to make a depression or indentation in 151. d this pride ν. the surface of something; (noun) a depression scratched or carved into a surface 152. hel____er ride a type of aircraft that is capable of n. hovering in place and moving vertically, as well as flying horizontally; often used for emergency medical services, military operations, and transport in areas with limited access adj. suitable or happening at a time that is 153. an op____ne remark suitable or convenient for a particular purpose the discipline that concerns the 154. sta cs for cancer n. collection, organization, analysis, interpretation, and presentation of data a low continuous humming noise; 155. dr e flight n. someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control to give off or send out something such 156. e t a gamma ray ν. as light, heat, sound, gas, etc. 157. pr___s improvement a series of actions or operations n. performed to achieve a particular outcome or goal; a systematic

ANSWERS: 150. progression, 151. dent, 152. helicopter, 153. opportune, 154. statistics, 155. drone, 156. emit, 157. process

procedure or approach used to

dairy products

accomplish a specific task or objective;

suitable for consumption or use in other

a method of treating milk to make it

158. ree one word with another	<i>v</i> .	to take the place of something
159. et air pollution	<i>v</i> .	to give off or send out something such as light, heat, sound, gas, etc.
160. dier recovery	n.	an unexpected event or series of events that cause widespread damage, destruction, or loss of life
161. a cell phone with an internet faty	n.	a building or place that provides a particular service or is used for a particular industry
162. his conclusion was obs	adj.	easy to see, discover or understand
163. global dier	n.	an unexpected event or series of events that cause widespread damage, destruction, or loss of life
164. lack of trancy	n.	the condition or quality of being easy to see through
165. trancy during the trials	n.	the condition or quality of being easy to see through
166. the most amg feeling	adj.	extremely surprising, especially in a way that you like or admire
167. puly accessible record	adv.	in a manner accessible to or observable by the public; by the government
168. vae control	n.	a device for controlling the flow of a fluid or gas through a pipe or duct by means of a movable part that opens, closes, or restricts the opening

ANSWERS: 158. replace, 159. emit, 160. disaster, 161. facility, 162. obvious, 163. disaster, 164. transparency, 165. transparency, 166. amazing, 167. publicly, 168. valve

Session 3: Fill in the Blanks

1.	He serious accounting irregularities that only people in the company's executive could know.
ν.	to allow liquid or gas to get in or out from a hole or crack in a pipe or container
2.	Through investigation, his suspicions hardened into
n.	the state of being certain
3.	The vegetarian burger was an that quickly spread to the United Kingdom.
n.	the creation of a new device or process resulting from study and experimentation
4.	This initiative will be a for increasing company sales.
n.	a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily
5.	This is a campaign to recruit women into trade unions.
adj	extending throughout an entire nation
6.	The lobby changed the mindset of many conservative politicians.
n.	a person who is concerned with and advocates for the protection of the natural environment
7.	He has an to become a doctor.
n.	a strong desire to achieve something; the action or process of drawing breath
	SWERS: 1. leaked, 2. certainty, 3. innovation, 4. lever, 5. nationwide, 6. vironmentalist, 7. aspiration

24. I to him that I had seen his sister at the grocery store earlier that day.
v. to speak or write about something or someone briefly
25. The camera revealed a hidden image on the surface.
adj. relating to or denoting electromagnetic radiation with a wavelength just longer than that of red light but shorter than that of microwave radiation, used for sensing heat and for remote control
26. The construction of the new dam will hundreds of families living downstream.
v. to force someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation
27. The unique style of this martial arts many action film producers.
v. to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
28. The cyclists had to contend with strong during the race.
 a wind blowing directly against the forward movement of an aircraft, vehicle, or vessel, thereby slowing its progress and increasing fuel consumption
29. The company is set to its new product line next month.
v. to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
30. Both forts were subject to attacks.
adj. happening or done without delay or occurring shortly after something else
31. Every human is responsible for taking care of the Earth's
n. the natural world such as air, water, and land in which humans, animals, and plants live
ANSWERS: 24. mentioned, 25. infrared, 26. displace, 27. inspired, 28. headwinds, 29. launch, 30. immediate, 31. environment

Vocab-Builder Ref from "Fred Krupp: Let's launch a satellite to track a threatening greenhouse gas TED Talk" (84 words)
41. 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
42. The freshwater was home to many different types of fish and was a popular spot for fishing.
n. a small, shallow lake
43. There are differences between the two wine-producing regions.
adj. easy to see, discover or understand
44. Enhanced rail is crucial for our business.
 a system for moving people or products from one location to another using automobiles, roads, and so on
45. Jet are the common name for air currents that form high in the atmosphere.
 a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.
46. Government workers cannot to political campaigns.
v. to give something, especially money or goods, to provide or achieve something together with other people
47. The firm has grown into a large manufacturing.
adj. relating to or connected with chemistry;
48. Mercury is the closest to the sun.
 any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
ANSWERS: 41. government, 42. pond, 43. obvious, 44. transportation, 45. streams, 46. contribute, 47. chemical, 48. planet

64.	The demonstrate that poverty and unemployment are genuine problems.
n.	
65.	This war shattered dreams of peace and
n.	the state of being successful and having the good fortune
66.	The to the new class was informative and engaging.
n.	a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
67.	Without investment, a business cannot
v.	to grow vigorously; to make steady progress
68.	The ignition of gas in the plant killed five employees.
n.	a chemical compound with the chemical formula CH4 with no smell or color, often used as a fuel
69.	We store customer data in cloud
n.	the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information
70.	The approved by Congress was perfunctorily implemented.
n.	an official rule made and maintained by a government or some other authority; the act of controlling or directing something according to a rule
71.	The blood's red coloring comes from iron
n.	a chemical compound that contains at least one oxygen atom and one other element
	SWERS: 64. statistics, 65. prosperity, 66. introduction, 67. thrive, 68. methane, 69. rage, 70. regulation, 71. oxide