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Vocabulary Builder Reference from...

Tim Kruger: Can we stop climate change by removing

CO2 from the air? | TED Talk

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

limate_change_by_removing_co2_from_the_air



All Words

IMPORTANT

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Session 1: Word List

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.

emission

the act of production or sending out gas, heat, light, etc.synonym: emanation, radiation, discharge

(1) global **emissions** of greenhouse gases, (2) the **emission** of light

There are five distinct **emissions** at five unique wavelengths.

contentious

adj. likely to cause people to disagree and argue; liking to argue

synonym: antagonistic, combative, confrontational

(1) contentious subject, (2) contentious debate

There are many **contentious** issues in claiming a patent.

slightly

adv. in a small degree or extent; a little

synonym: barely, narrowly, scarcely

(1) increase slightly, (2) slightly alkaline soils

He moved his body **slightly** to the left.

munch

v. to chew or eat something noisily, often with the sound of crunching or crunching

synonym: chew, nibble, gnaw

(1) **munch** on an apple, (2) **munch** away on crisps I love to **munch** on popcorn while I watch a movie.

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.

degree

 a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment

synonym: level, qualification, diploma

bachelor's degree, (2) degree centigrade
 she received her degree in psychology from the university.

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.

atmosphere

n. the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

synonym: air, ambiance, circumstances

(1) carbon dioxide in the **atmosphere**, (2) a convivial **atmosphere**

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

assess

v. to judge or decide the nature or quality of someone or something

synonym: estimate, evaluate, consider

(1) **assess** a tax of 10 pounds, (2) **assess** the quality Our company needs to **assess** the business impact of climate change.

propose

- v. to make a proposal, declare a plan for something synonym: suggest, offer, recommend
- (1) **propose** the amendment, (2) **propose** changes I want to **propose** a toast in honor of our longstanding relationship.

technique

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.

soil

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

underground

adj. under the surface of the ground; a secret group organized to achieve a specific purpose, such as overthrowing the government or occupying a force

synonym: subterranean, subsurface, confidential

(1) water flowing **underground**, (2) **underground** activist Having **underground** parking has been very beneficial throughout the winter.

scrub

v. to clean something thoroughly, typically with a brush and soap or detergent

synonym: clean, wash, sanitize

(1) scrub off graffiti,(2) scrub dirt from potatoesShe decided to scrub the kitchen floor to remove all the dirt

and grime.

feasible

adj. capable of being or likely to be made, done, or achieved synonym: achievable, possible, attainable

(1) economically **feasible**, (2) **feasible** assumption It is not **feasible** and inefficient to complete many tasks at once.

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.

economy

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

synonym: finance, trade, business

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

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

trade-off

 a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise

synonym: compromise, balance, exchange

(1) **trade-off** problem, (2) environmental **trade-off**

There was a **trade-off** between speed and accuracy in the task.

unlikely

adj. not probable or likely to happensynonym: doubtful, questionable, far-fetched

(1) **unlikely** event, (2) it is **unlikely** that he would win the game

The passage of the bill is unlikely.

bullet

- n. a metal projectile that is shot from a gun synonym: projectile, slug, shot
- (1) bullet wound, (2) bullet train

The stray **bullet** went through the window and hit the wall.

buck

a male deer; a unit of currency, especially the US dollar;
 a sudden jolt or movement; a young man; (verb) to resist or oppose something, such as an authority, trend, or convention

synonym: dollar, money, currency

(1) buck the trend, (2) extra buck

I spotted a majestic **buck** with large antlers standing at the forest's edge.

independence

- n. freedom from another's or others' control or influencesynonym: freedom, liberty, autonomy
- (1) financial **independence**, (2) **independence** ceremony There is nothing more valuable than **independence** and freedom.

electrify

v. to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

synonym: wire, amaze, astonish

(1) **electrify** the audience, (2) **electrify** a manufacturing process

The product developed through years of research continues to **electrify** the market.

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.

fuel

 a substance that is typically burned to generate heat or energy

synonym: energy, power, gas

(1) biomass fuel, (2) smokeless fuel

The **fuel** scarcity most severely impacted the manufacturing sector

chemical

adj. relating to or connected with chemistry;

synonym: chemic, synthetic

toxic chemicals, (2) a chemical compound
 The firm has grown into a large chemical manufacturing.

convert

v. to have a talk with someone; (adjective) reversed in order, relation, or action

synonym: alter, remake, transform

(1) convert fat into energy, (2) convert base 10 to base 16I want to convert my sadness into strength.

remainder

 the part of something that is left over when the rest has been used or taken

synonym: balance, leftover, residue

(1) division with **remainder**, (2) the **remainder** of my life. The **remainder** of the cake was put in the fridge for tomorrow.

limestone

n. a sedimentary rock that is composed mainly of calcium carbonate, which is the mineral calcite

synonym: calcareous rock, chalk

(1) sheer **limestone** cliffs, (2) **limestone** pavement The Great Pyramid of Giza was built using blocks of **limestone**.

lime

 a green, citrus fruit with a sour taste that is often used for flavoring food and beverages; a type of calcium compound used in various industrial and environmental

applications

synonym: citrus, lemon, green

(1) lime juice, (2) lime fertilization

The bartender sliced a fresh **lime** to garnish the drink.

kiln

 an oven or furnace used for baking, drying, or firing clay, pottery, bricks, or other materials; typically made of brick or refractory material and heated with wood, coal, or gas

synonym: oven, furnace, hearth

(1) brick kiln, (2) electric kiln

The pottery was fired in the **kiln** for several hours to harden it.

purity

 the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature

synonym: sinlessness, innocence, cleanliness

(1) the degree of **purity**, (2) high **purity**

Higher purity requires additional equipment and energy.

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.

negative

adj. having the quality of something bad or harmful; expressing refusal

synonym: minus, adverse, pessimistic

(1) have a **negative** effect, (2) a **negative** number The movie has received almost universally **negative** criticism.

normally

adv. usually; under normal conditions

synonym: commonly, generally, naturally

(1) complete normally ,	(2) not normally drink much
I don't normally take a v	acation in the middle of summer.

emit

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.

gram

- a metric unit of weight equal to one-thousandth of a kilogram
- (1) centimeter- **gram-second** system, (2) **gram** amount How much is it per one hundred **grams?**

watt

- n. a standard unit for measuring electrical power
- (1) 30- watt light bulb, (2) watt per square meter Several hectares of land are needed to generate more than 1-mega watt solar power.

minus

adj. subtracting or taking away; having a value less than zero

synonym: without, lacking, negative

(1) minus sign, (2) minus temperature

The recipe calls for four cups of flour **minus** one tablespoon.

responsible

adj. answerable or accountable for something within one's power, control, or management

synonym: accountable, answerable, liable

(1) **responsible** action, (2) **responsible** for a customer service

She's a **responsible** pet owner who ensures her dog gets enough exercise and a healthy diet.

quarter

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

synonym: 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.

hypothesis

 a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate

synonym: assumption, conjecture, theory

(1) test my **hypothesis**, (2) a bold **hypothesis**. This evidence supports the big-bang **hypothesis**.

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.

eliminate

- v. to remove or get rid of someone or something synonym: wipe out, destroy, eradicate
- (1) **eliminate** contestants, (2) **eliminate** sexual barriers We can **eliminate** this possibility from those consumptions.

sector

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

synonym: division, department, branch

(1) industrial sector, (2) private sector

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

seawater

 water from the sea or ocean, typically containing salt and various other dissolved minerals

synonym: saltwater, brine, ocean water

(1) seawater pollution, (2) seawater bacteria

The desalination plant turned **seawater** into drinking water through a complex process.

counteract

 to act against something to reduce its bad or harmful effects or neutralize it synonym: balance, offset, compensate

(1) **counteract** the effect of poison, (2) **counteract** global warming

Our body's immune system produces antibodies to **counteract** disease.

acidification

- the act or process of becoming acid or making something become acid
- (1) acidification of soil, (2) stream acidificationOcean acidification leads to a decrease in tiny sea snails.

bang

 to hit or cause to hit something in a way that makes a loud noise

synonym: crash, hit, smash

(1) **bang** his fist on a desk, (2) **bang** a phone down My father tried to **bang** mathematics into my head since childhood.

absorb

- v. to take in a fluid or other substance gradually synonym: consume, soak, ingest
- (1) **absorb** energy, (2) **absorb** a shock The sponge **absorbs** water well.

complicated

adj. involving a lot of different things or parts in a way that is difficult to understand or analyze

synonym: complex, convoluted, intricate

(1) a **complicated** process, (2) become increasingly **complicated**

He did **complicated** pen-and-ink drawings in just a few days.

environment

n. 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**.

consequence

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

synonym: result, impact, outcome

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

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

disease

 a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems

synonym: illness, ailment, affliction

(1) disease prevention, (2) disease control

The doctor diagnosed him with a rare **disease** that had no known cure.

governance

 the act or process of governing or managing a political, social, or economic entity; the systems or principles that guide such processes

synonym: administration, management, direction

(1) good **governance**, (2) corporate **governance**The United Nations assists countries in building strong **governance** frameworks and institutions.

experiment

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

synonym: experimentation, investigation

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

trillion

- n. the number 1,000,000,000,000; a million million
- (1) **trillion** cubic feet, (2) many **trillions** of dollars One light year is nearly 6 **trillion** miles.

defend

 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.

expenditure

n. the act of spending money; the total amount of money spent

synonym: outlay, cost, expense

(1) energy **expenditure**, (2) **expenditure** planning Almost \$1 billion in capital **expenditure** is still required.

inevitably

adv. in a manner that cannot be avoided or prevented synonym: unavoidably, necessarily, surely

(1) **inevitably** decline with age, (2) **inevitably** reach the consumer

Because of his excellent performance, he will **inevitably** be promoted.

enormous

adj. extremely large or great synonym: huge, giant, gigantic

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

thorny

adj. full of or covered with thorns; prickly; (of a problem) difficult to deal with

synonym: prickly, spiky, bristly

(1) the **thorny** path of life, (2) **thorny** problem The rose bush had **thorny** branches.

afford

- v. to have enough money or time to be able to buy or do something
- (1) **afford** to buy a new car, (2) **afford** a high travel cost He cannot **afford** a holiday.

undermine

v. to make someone or something less powerful, less effective, weaker gradually; to make someone's fame, confidence, or authority less effective or weaker gradually

synonym: damage, subvert, weaken

(1) **undermine** a good relationship, (2) **undermine** their adversary's reputation

They tried to **undermine** her position by slandering her.

emphasize

- v. to give or show particular importance to something synonym: highlight, accentuate, stress
- (1) **emphasize** her words, (2) **emphasize** a direct relationship

Use italics or capitals to **emphasize** a word in a piece of writing.

paramount

- adj. more important than anything else; having superior power and influence or the highest positionsynonym: central, major, crucial
- (1) the lord **paramount**, (2) **paramount** to all the others This country became a country of **paramount** geostrategic importance to us.

importance

- n. the quality of being important and worthy of notesynonym: significance, primacy, matter
- (1) a man of **importance**, (2) high **importance** I stopped by the branch though I have no business of **importance**.

speculate

v. to form a theory or conjecture or guess about a subject without solid evidence

synonym: assume, conjecture, infer

(1) **speculate** about the reason, (2) **speculate** on the outcome

He **speculated** that this investment would lead to success.

examine

v. to study or consider a person or object attentively and thoroughly to learn something about them

synonym: study, probe, analyze

(1) examine the data studiously, (2) examine the issue

Initially, we must **examine** all project-related expenses.

ambition

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

arrogance

- n. excessive self-confidence or self-importancesynonym: hubris, haughtiness, conceit
- (1) brazen **arrogance**, (2) **arrogance** of power He acted with **arrogance** and was not well-liked by his colleagues.

compatible

- adj. capable of coexisting or working together without conflict or inconsistency; harmonious or well-matched
- synonym: harmonious, congruent, consistent
- (1) fully **compatible**, (2) **compatible** with HTML5

 The new software is not **compatible** with the old operating system, causing compatibility issues and errors.

stable

- adj. firm and steady; not easily moved, disturbed, or changed
- synonym: sturdy, unmoving, durable
- (1) in **stable** condition, (2) have a **stable** job Relations between the two countries have been relatively **stable** due to the summit meeting.

undertaking

- a task, business, assignment, or project, especially one that is essential or challenging
- synonym: task, effort, enterprise
- great undertaking, (2) public welfare undertaking
 Project planning for software development is never an easy undertaking.

cathedral

 the main Christian church of a bishop's diocese, which is often the largest and most important church in the area

synonym:

church, basilica, temple

(1) cathedral school, (2) cathedral choir

The **cathedral's** stained glass windows depicted scenes from the Bible.

involve

v. to include or affect someone or something as a necessary part of something else

synonym: implicate, include, engage

(1) **involve** a lot of paperwork, (2) **involve** a high degree of risk

The investigation **involves** several government agencies and is expected to take several months.

outset

n. the beginning of something

synonym: beginning, start, initiation

(1) month's **outset**, (2) the **outset** of the crisis

At the **outset** of the project, we encountered several obstacles.

draft

 a preliminary version of something that is not yet in its final form

synonym: blueprint, outline, rough drawing

(1) a working **draft**, (2) write the first **draft**

During debates in the legislature, the **draft** of the law caused a lot of controversies.

spire

 a tall, pointed structure on a building or landscape; a tapering conical or pyramidal structure on a plant or an animal

synonym: spike, turret, pinnacle

(1) **spire** cathedral, (2) gilded **spire**

The church's **spire** towered over the small village, visible from miles away.

privilege

 a special right or advantage that only one person or group of people has, usually because they are rich and

powerful in a society

synonym: benefit, authorization, advantage

(1) a breach of **privilege**, (2) **privilege** of membership In the Middle Ages, the right to hunt in the wild was the **privilege** of royalty and nobility.

belong

v. to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place

synonym: fit, be appropriate, be suitable

(1) **belong** to different species, (2) **belong** to a group All the books in this section **belong** to the library's rare collection and must be handled carefully.

descendant

- n. children or offspring of a specific person, plant, or animal synonym: child, offspring, heir
- (1) **descendant** of a pioneer, (2) third-generation **descendant**

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

compelling

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

synonym: tempting, captivating, influential

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

His **compelling** presentation deeply moved everyone.

straight

adj. extending or moving in one direction without bending or curving; having no deviations

synonym: linear, honest, consecutive

(1) a **straight** line, (2) **straight** for two months He was sick for five **straight** days.

entirely

adv. completely

synonym: completely, fully, totally

(1) **entirely** satisfied with the meal, (2) he was **entirely** to

blame

Later, his claim was found to be **entirely** false.

confident

adj. feeling sure about your abilities or qualities or having trust in people, plans, or the future

synonym: certain, sure, convinced

(1) feel confident, (2) a confident remark

I'm not **confident** in our victory.

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.

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.

requirement

n. something that is needed or wanted

synonym: prerequisite, provision, condition

(1) meet **requirement**, (2) school **requirement** What is the entry **requirement** for this course?

ultimate

adj. furthest or highest in degree or order

synonym: highest, maximum, foremost

(1) the **ultimate** goal in life, (2) the **ultimate** luxury Management must take **ultimate** responsibility for the accident.

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.

license

an official permission or authorization to do, use, or own something; a legal document that grants the holder the right to perform certain activities, such as driving a car, practicing a profession, or using a particular product or service

synonym: permit, authorization, certificate

(1) **license** renewal, (2) software **license**Before driving, ensure you have a valid driver's **license**.

courage

 the ability to face danger, difficulty, uncertainty, or pain without being overcome by fear or despair; the quality of being brave or courageous

synonym: bravery, valor, fearlessness

(1) mental **courage**, (2) inspire **courage**It takes a lot of **courage** to stand up for what you believe is right.

engage

- v. to attract and keep someone's attention and interest; to participate in or obtain services of something
- *synonym*: confront, employ, amuse
- (1) **engage** in environmental protection activities,
- (2) engage a new employee

Many multinational companies are **engaged** in the reconstruction of that country.

transparent

- adj. easy to perceive, detect, or understand; (of a material or article) permitting light to pass through freely
- synonym: translucent, evident, diaphanous
- (1) a transparent lie, (2) transparent crystal

The focus of these initiatives is to make the financial system more **transparent**.

beforehand

adv. ahead of time; in advance

synonym: in advance, preceding, earlier

(1) take a seat **beforehand**, (2) three months **beforehand**She packed her sunscreen **beforehand** to remember it on the beach trip.

possibility

n. a chance that something may happen or be truesynonym: chance, prospect, likelihood

(1) **possibility** for growth, (2) **possibility** of a major earthquake

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

fascinating

adj. extremely interesting

synonym: alluring, intriguing, captivating

(1) **fascinating** story, (2) completely **fascinating** to me The museum houses a **fascinating** collection of Celtic artifacts.

Session 2: Spelling

the th___y path of life

1.

7.

8.

9.

2. the scientific test conducted to observe series of exp nts n. what happens and gain new knowledge af___d a high travel cost 3. to have enough money or time to be ν. able to buy or do something in____e a lot of paperwork to include or affect someone or 4. ν. something as a necessary part of something else a cold cl____e the weather in a particular location 5. n. averaged over some long period in e a high degree of risk to include or affect someone or 6.

school req____nt something that is needed or wanted n.

ν.

excessive self-confidence or n. self-importance

something else

to attract and keep someone's attention ν. and interest; to participate in or obtain services of something

something as a necessary part of

adj. full of or covered with thorns; prickly; (of

a problem) difficult to deal with

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

adj. full of or covered with thorns; prickly; (of a problem) difficult to deal with

11. th y problem

ar ce of power

en___e a new employee

10. the con ce of an argument

ANSWERS: 1. thorny, 2. experiment, 3. afford, 4. involve, 5. climate, 6. involve, 7. requirement, 8. arrogance, 9. engage, 10. consequence, 11. thorny

ANSWERS: 12. consequence, 13. oxide, 14. convert, 15. degree, 16. sector, 17. ultimate, 18. trillion, 19. governance, 20. underground, 21. soil

22.	b_g a phone down	ν.	to hit or cause to hit something in a way that makes a loud noise
23.	pre the amendment	<i>v</i> .	to make a proposal, declare a plan for something
24.	month's out	n.	the beginning of something
25.	have a neve effect	adj.	having the quality of something bad or harmful; expressing refusal
26.	plt like the Earth	n.	any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
27.	boundless amon	n.	a strong wish to do or achieve something
28.	coal swimming pool	adj.	belonging to or used by a group rather than individuals; for common use
29.	meet reqnt	n.	something that is needed or wanted
30.	undnd activist	adj.	under the surface of the ground; a secret group organized to achieve a specific purpose, such as overthrowing the government or occupying a force
31.	stream aciion	n.	the act or process of becoming acid or making something become acid
32.	pant to all the others	adj.	more important than anything else; having superior power and influence or the highest position
33.	the out of the crisis	n.	the beginning of something
34.	write the first drt	n.	a preliminary version of something that is not yet in its final form

ANSWERS: 22. bang, 23. propose, 24. outset, 25. negative, 26. planet, 27. ambition, 28. communal, 29. requirement, 30. underground, 31. acidification, 32. paramount, 33. outset, 34. draft

- 35. ca___n dioxide

 36. be___g to a group
- 37. sc__b dirt from potatoes
- 38. new and com____ng evidence
- 39. biomass f__l
- 40. sp____te about the reason
- 41. bachelor's de___e
- 42. he was en____ly to blame
- 43. gilded sp__e
- 44. en___us amount
- 45. I__e fertilization

- n. 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
- v. to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place
- v. to clean something thoroughly, typically with a brush and soap or detergent
- adj. arousing strong and irresistible interest, attention, or admiration
- *n.* a substance that is typically burned to generate heat or energy
- v. to form a theory or conjecture or guess about a subject without solid evidence
- a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
- adv. completely
- a tall, pointed structure on a building or landscape; a tapering conical or pyramidal structure on a plant or an animal
- adj. extremely large or great
- a green, citrus fruit with a sour taste that is often used for flavoring food and beverages; a type of calcium compound used in various industrial and environmental applications

ANSWERS: 35. carbon, 36. belong, 37. scrub, 38. compelling, 39. fuel, 40. speculate, 41. degree, 42. entirely, 43. spire, 44. enormous, 45. lime

46.	a comed process	adj.	involving a lot of different things or parts in a way that is difficult to understand or analyze
47.	couct global warming	<i>v</i> .	to act against something to reduce its bad or harmful effects or neutralize it
48.	ded against a threat	<i>v</i> .	to protect someone or something from attack, criticism, danger, etc.
49.	sheer line cliffs	n.	a sedimentary rock that is composed mainly of calcium carbonate, which is the mineral calcite
50.	inely reach the consumer	adv.	in a manner that cannot be avoided or prevented
51.	private ser	n.	a distinct part or division of something often used to refer to a segment of an economy or industry; an area or field of work or activity
52.	inely decline with age	adv.	in a manner that cannot be avoided or prevented
53.	30-wt light bulb	n.	a standard unit for measuring electrical power
54.	ene in environmental protection activities	<i>v</i> .	to attract and keep someone's attention and interest; to participate in or obtain services of something
55.	mis temperature	adj.	subtracting or taking away; having a value less than zero
56.	caal choir	n.	the main Christian church of a bishop's diocese, which is often the largest and most important church in the area
57.	a seafaring nan	n.	a large organized community of people living in a particular country or region and having a particular culture

ANSWERS: 46. complicated, 47. counteract, 48. defend, 49. limestone, 50. inevitably, 51. sector, 52. inevitably, 53. watt, 54. engage, 55. minus, 56. cathedral, 57. nation

Vocab-Builder Ref from "Tim Kruger: Can we stop climate change by removing CO2 from the air? | TED Talk" (99 words)

ANSWERS: 58. expenditure, 59. soil, 60. atmosphere, 61. kiln, 62. bullet, 63. normally, 64. process, 65. limestone, 66. planet

ANSWERS: 67. electrify, 68. undermine, 69. oxide, 70. purity, 71. assess, 72. emit, 73. nation, 74. undertaking, 75. atmosphere

83. electric k n

84. a st____ht line

adj. arousing strong and irresistible interest,

the system by which a country or region

overcome by fear or despair; the quality

worthy of note

an oven or furnace used for baking, n. drying, or firing clay, pottery, bricks, or other materials; typically made of brick or refractory material and heated with wood, coal, or gas

adj. extending or moving in one direction without bending or curving; having no deviations

ANSWERS: 76. confident, 77. normally, 78. compelling, 79. economy, 80. courage, 81. negative, 82. importance, 83. kiln, 84. straight

ANSWERS: 85. communal, 86. entirely, 87. fascinating, 88. chemical, 89. descendant, 90. possibility, 91. belong, 92. disease, 93. examine, 94. compatible, 95. environment, 96. transparent

ANSWERS: 97. transparent, 98. absorb, 99. license, 100. slightly, 101. carbon, 102. propose, 103. trade-off, 104. industrial, 105. technique, 106. paramount

107. extra bk	n.	a male deer; a unit of currency, especially the US dollar; a sudden jolt or movement; a young man; (verb) to resist or oppose something, such as an authority, trend, or convention
108. a cont remark	adj.	feeling sure about your abilities or qualities or having trust in people, plans, or the future
109. unly event	adj.	not probable or likely to happen
110. gm amount	n.	a metric unit of weight equal to one-thousandth of a kilogram
111. desnt of a pioneer	n.	children or offspring of a specific person, plant, or animal
112. division with reer	<i>n</i> .	the part of something that is left over when the rest has been used or taken
113. ecy of scale	n.	the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
114. economically fele	adj.	capable of being or likely to be made, done, or achieved
115. b_k the trend	n.	a male deer; a unit of currency, especially the US dollar; a sudden jolt or movement; a young man; (verb) to resist or oppose something, such as an authority, trend, or convention

ANSWERS: 107. buck, 108. confident, 109. unlikely, 110. gram, 111. descendant, 112. remainder, 113. economy, 114. feasible, 115. buck

116. st ht for two months adj. extending or moving in one direction without bending or curving; having no deviations 117. global em____ons of greenhouse the act of production or sending out n. gas, heat, light, etc. gases 118. a working dr t a preliminary version of something that n. is not yet in its final form adj. subtracting or taking away; having a 119. mi s sign value less than zero 120. el____te contestants to remove or get rid of someone or something 121. con____us debate adj. likely to cause people to disagree and argue; liking to argue 122. a te____ue in martial arts a particular way or art of doing something that needs skill 123. ind____nce ceremony freedom from another's or others' n. control or influence adv. ahead of time; in advance 125. v t desert adj. enormous in size, number, amount, or quantity 126. a qu r mile one of four equal parts; a fourth part or portion adj. firm and steady; not easily moved, 127. have a st e job disturbed, or changed 128. effects of cl e change the weather in a particular location averaged over some long period 129. co t fat into energy to have a talk with someone; (adjective) ν. reversed in order, relation, or action

ANSWERS: 116. straight, 117. emission, 118. draft, 119. minus, 120. eliminate, 121. contentious, 122. technique, 123. independence, 124. beforehand, 125. vast, 126. quarter, 127. stable, 128. climate, 129. convert

ANSWERS: 130. replace, 131. scrub, 132. governance, 133. spire, 134. undermine, 135. fascinating, 136. ambition, 137. courage, 138. hypothesis, 139. complicated

analyze

in a way that is difficult to understand or

ANSWERS: 140. remainder, 141. independence, 142. undertaking, 143. replace, 144. unlikely, 145. disease, 146. environment, 147. emphasize, 148. bullet, 149. cathedral, 150. afford, 151. enormous, 152. assess

ν.

to judge or decide the nature or quality

of someone or something

152. as___s the quality

153. a breach of prge	n.	a special right or advantage that only one person or group of people has, usually because they are rich and powerful in a society
154. seer pollution	n.	water from the sea or ocean, typically containing salt and various other dissolved minerals
155. resle for a customer service	adj.	answerable or accountable for something within one's power, control, or management
156. vt majority	adj.	enormous in size, number, amount, or quantity
157. elte sexual barriers	<i>v</i> .	to remove or get rid of someone or something
158. smokeless fl	n.	a substance that is typically burned to generate heat or energy
159. resle action	adj.	answerable or accountable for something within one's power, control, or management
160. aciion of soil	n.	the act or process of becoming acid or making something become acid
161. centimeter-gm-second system	n.	a metric unit of weight equal to one-thousandth of a kilogram
162. brazen arce	n.	excessive self-confidence or self-importance
163. conus subject	adj.	likely to cause people to disagree and argue; liking to argue
164. wt per square meter	n.	a standard unit for measuring electrical power

ANSWERS: 153. privilege, 154. seawater, 155. responsible, 156. vast, 157. eliminate, 158. fuel, 159. responsible, 160. acidification, 161. gram, 162. arrogance, 163. contentious, 164. watt

165. take a seat befnd	adv.	ahead of time; in advance
166. spte on the outcome	ν.	to form a theory or conjecture or guess about a subject without solid evidence
167. toxic chals	adj.	relating to or connected with chemistry;
168. seer bacteria	n.	water from the sea or ocean, typically containing salt and various other dissolved minerals
169. expnt design	n.	the scientific test conducted to observe what happens and gain new knowledge
170. end of the first qur	n.	one of four equal parts; a fourth part or portion
171. ded my country	ν.	to protect someone or something from attack, criticism, danger, etc.
172. prge of membership	n.	a special right or advantage that only one person or group of people has, usually because they are rich and powerful in a society
173. indal alcohol	adj.	of or relating to or resulting from industry
174. trff problem	n.	a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise
175. Ie juice	n.	a green, citrus fruit with a sour taste that is often used for flavoring food and beverages; a type of calcium compound used in various industrial and environmental applications
176. abb energy	<i>v</i> .	to take in a fluid or other substance gradually
ANSWEDS: 165 hafarahand 166 anaquia	oto 1	167 chamical 169 convetor 160

ANSWERS: 165. beforehand, 166. speculate, 167. chemical, 168. seawater, 169. experiment, 170. quarter, 171. defend, 172. privilege, 173. industrial, 174. trade-off, 175. lime, 176. absorb

177. bg his fist on a desk	ν.	to hit or cause to hit something in a way that makes a loud noise
178. posty for growth	n.	a chance that something may happen or be true
179. fully comle	adj.	capable of coexisting or working together without conflict or inconsistency; harmonious or well-matched
180. exe the data studiously	ν.	to study or consider a person or object attentively and thoroughly to learn something about them
181. in ste condition	adj.	firm and steady; not easily moved, disturbed, or changed
182. energy expre	n.	the act of spending money; the total amount of money spent
183. increase slly	adv.	in a small degree or extent; a little
184. the ulte luxury	adj.	furthest or highest in degree or order
185. the emon of light	n.	the act of production or sending out gas, heat, light, etc.
186. couct the effect of poison	<i>v</i> .	to act against something to reduce its bad or harmful effects or neutralize it
187. a bold hypis	n.	a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate
188. fele assumption	adj.	capable of being or likely to be made, done, or achieved
189. muh on an apple	<i>v</i> .	to chew or eat something noisily, often with the sound of crunching or crunching

ANSWERS: 177. bang, 178. possibility, 179. compatible, 180. examine, 181. stable, 182. expenditure, 183. slightly, 184. ultimate, 185. emission, 186. counteract, 187. hypothesis, 188. feasible, 189. munch

to

190. lie renewal	n.	an official permission or authorization to do, use, or own something; a legal document that grants the holder the right to perform certain activities, such as driving a car, practicing a profession, or using a particular product or service
191. a man of impce	n.	the quality of being important and worthy of note
192. 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
193. emze her words	<i>v</i> .	to give or show particular importance to something
194. the degree of puy	n.	the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature
195. mu_h away on crisps	v.	to chew or eat something noisily, often with the sound of crunching or crunching
196. tron cubic feet	n.	the number 1,000,000,000,000; a million million
197. et air pollution	<i>v</i> .	to give off or send out something such as light, heat, sound, gas, etc.
198. elfy the audience	ν.	to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

ANSWERS: 190. license, 191. importance, 192. process, 193. emphasize, 194. purity, 195. munch, 196. trillion, 197. emit, 198. electrify

ANSWERS:

Session 3: Fill in the Blanks

1.	This country became a country of geostrategic importance to us.
adj	more important than anything else; having superior power and influence or the highest position
2.	Greed and composed his personality.
n.	a strong wish to do or achieve something
3.	Initially, we must all project-related expenses.
ν.	to study or consider a person or object attentively and thoroughly to learn something about them
4.	Several hectares of land are needed to generate more than 1-mega solar power.
n.	a standard unit for measuring electrical power
5.	The rose bush had branches.
adj	full of or covered with thorns; prickly; (of a problem) difficult to deal with
6.	He did pen-and-ink drawings in just a few days.
adj	involving a lot of different things or parts in a way that is difficult to understand or analyze
7.	and weather have an impact on every part of our lifestyles.
n.	the weather in a particular location averaged over some long period
8.	The pottery was fired in the for several hours to harden it.
n.	an oven or furnace used for baking, drying, or firing clay, pottery, bricks, or other materials; typically made of brick or refractory material and heated with wood, coal, or gas
	SWERS: 1. paramount, 2. ambition, 3. examine, 4. watt, 5. thorny, 6. complicated Climate, 8. kiln

43.	There is nothing more valuable than and freedom.
n.	freedom from another's or others' control or influence
44.	All the books in this section to the library's rare collection and must be handled carefully.
<i>v</i> .	to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place
45.	She decided to the kitchen floor to remove all the dirt and grime.
v.	to clean something thoroughly, typically with a brush and soap or detergent
46.	The passage of the bill is
	not probable or likely to happen
47	
	Use italics or capitals to a word in a piece of writing.
ν.	to give or show particular importance to something
48.	He moved his body to the left.
adv	in a small degree or extent; a little
49.	The technology is constantly evolving and innovating.
n.	
50.	Trees absorb dioxide and give off oxygen.
n.	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
51.	Those warriors' are still skilled archers.
n.	children or offspring of a specific person, plant, or animal
	SWERS: 43. independence, 44. belong, 45. scrub, 46. unlikely, 47. emphasize, 48 htly, 49. sector, 50. carbon, 51. descendants

85.	They tried to her position by slandering her.
ν.	to make someone or something less powerful, less effective, weaker gradually; to make someone's fame, confidence, or authority less effective or weaker gradually
	The museum houses a collection of Celtic artifacts. extremely interesting
87.	My father tried to mathematics into my head since childhood.
ν.	to hit or cause to hit something in a way that makes a loud noise
88.	Jockey's superior brought him victory.
n.	a particular way or art of doing something that needs skill
89.	In the Middle Ages, the right to hunt in the wild was the of royalty and nobility.
n.	a special right or advantage that only one person or group of people has, usually because they are rich and powerful in a society
90.	Eventually, the new design will all older models.
ν.	to take the place of something
91.	He acted with and was not well-liked by his colleagues.
n.	excessive self-confidence or self-importance
92. n.	moisture is another significant component controlling soil respiration. the top layer of Earth in which plants grow
	Because of his excellent performance, he will be promoted. in a manner that cannot be avoided or prevented
	SWERS: 85. undermine, 86. fascinating, 87. bang, 88. technique, 89. privilege, 90. lace, 91. arrogance, 92. Soil, 93. inevitably

Voca	ab-Builder Ref from "Tim Kruger: Can we stop climate change by removing CO2 from the air? TED Talk" (99 words)
94.	Higher requires additional equipment and energy.
n.	the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature
95.	The of the cake was put in the fridge for tomorrow.
n.	the part of something that is left over when the rest has been used or taken
96.	The church's towered over the small village, visible from miles away.
n.	a tall, pointed structure on a building or landscape; a tapering conical or pyramidal structure on a plant or an animal
97.	Many multinational companies are in the reconstruction of that country.
<i>v</i> .	to attract and keep someone's attention and interest; to participate in or obtain services of something
98.	We can this possibility from those consumptions.
<i>v</i> .	to remove or get rid of someone or something
99.	The blood's red coloring comes from iron
n.	a chemical compound that contains at least one oxygen atom and one other element
AN	SWERS: 94. purity, 95. remainder, 96. spire, 97. engaged, 98. eliminate, 99. oxide