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Vocabulary Builder Reference from...

Kate Marvel: Can clouds buy us more time to solve climate change? | TED Talk https://www.ted.com/talks/kate_marvel_can_clouds_b uy_us_more_time_to_solve_climate_change



All Words

IMPORTANT

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Session 1: Word List

climate

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

synonym: atmosphere, weather, environment

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

react

- v. to take action in response to something synonym: respond, reply, oppose
- (1) **react** at a high temperature, (2) **react** against his way of thinking

How did he **react** to your idea?

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.

uncertain

adj. not being sure of something; not being able to choose synonym: doubtful, skeptical, pending

(1) numerous uncertain factors, (2) take an uncertain

attitude

She was **uncertain** about her friend's intentions.

convenient

adj. useful, helpful, or quick to do synonym: timely, fortunate, suitable

(1) convenient way, (2) convenient location

The airport offers five **convenient** access routes.

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 emission

Trees 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 **oxide**

The blood's red coloring comes from iron **oxide**.

greenhouse

- n. a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in synonym: conservatory
- (1) exotic plants in a **greenhouse**, (2) emissions of **greenhouse** gases

The **greenhouse** effect is a phenomenon that happens naturally.

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.

fundamental

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

synonym: basic, essential, entire

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

rely

 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.

simulate

v. to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes

synonym: pretend, imitate, mimic

(1) **simulate** climate change, (2) **simulate** a future scenario He had painted the wood to **simulate** stone.

encounter

v. to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly

synonym: meet, run into, come across

encounter a crisis, (2) encounter a storm
 l'm prepared to encounter challenges throughout this adventure.

charm

- n. the power or quality of pleasing or fascinating peoplesynonym: allure, appeal, beauty
- (1) masculine **charm**, (2) **charm** against bad luck These are significantly more exquisite than typical **charm** bracelets.

complain

v. to say dissatisfaction or annoyance about something or somebody

synonym: gripe, claim, denounce

(1) **complain** about a job, (2) call and **complain** frequently Our users are often **complaining** about the slow application.

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reproduce

v. to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process

synonym: duplicate, breed, imitate

(1) **reproduce** the painting, (2) **reproduce** by myself By dividing and creating copies of themselves, bacteria **reproduce**.

matrix

 a rectangular array of numbers, symbols, or expressions, arranged in rows and columns and often enclosed in brackets; an enclosure within which something originates or develops

synonym: grid, cast, table

(1) the **matrix** of Western civilization, (2) **matrix** multiplication

The **matrix** of numbers on the spreadsheet allowed the accountant to track the company's profits and losses easily.

crystal

n. a solid material with many even sides that is formed naturally when the substance becomes solid and has a highly regular atomic structure; clear and colorless glass made of almost pure silica

synonym: quartz

(1) liquid crystal, (2) crystal analysesA vast crystal chandelier glittered brightly above us.

largely

adv. virtually entirely; to a large degree synonym: mainly, chiefly, broadly

(1) **largely** accepted, (2) **largely** mitigate the issue Nevada is **largely** a desert state.

capture

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

synonym: catch, arrest, imprison

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

fast-forward

to advance or move forward in time or progress,
 particularly in a rapid or accelerated manner; to increase
 the playback speed of a recording

synonym: advance, hasten, speed up

(1) **fast-forward** 10 seconds, (2) **fast-forward** to the good part

I like to **fast-forward** through commercials when watching TV shows.

business-as-usual

 adj. continuing or proceeding in the same way as usual, despite adverse events or circumstances

synonym: routine, normal, standard

(1) **business-as-usual** approach, (2) maintain **business-as-usual**

Even though there was a crisis, the company tried to continue with **business-as-usual**.

scenario

a description of possible actions or events in the future;
 a written outline of a play, film, or literary work

synonym: plan, scheme, procedure

(1) the worst case **scenario**, (2) number of different **scenarios**

The president prepared several possible **scenarios** for an enemy attack.

physics

- n. the science of matter and energy and their interactions
- (1) nuclear physics, (2) laws of physicsHe studied the physics of radiation.

catastrophe

- n. a sudden event that causes extreme ruin and misfortunesynonym: disaster, calamity, cataclysm
- (1) **catastrophe** risk management, (2) avoid climate **catastrophe**

The lack of funds has resulted in a **catastrophe** for our university system.

chill

 a feeling of coldness that makes one shiver; (verb) to make cool or cooler

synonym: coldness, coolness, (verb) freeze

(1) the **chill** of autumn, (2) feel a slight **chill**

His swear words cast a **chill** on the party.

extent

n. the point or degree or area to which something extends

synonym: amount, degree, intensity

(1) certain **extent**, (2) the **extent** of the damage

I was amazed at the **extent** of her generosity.

simultaneously

adv. at the same time

synonym: concurrently, coincidently, together

(1) **simultaneously** affected, (2) take several inputs **simultaneously**

Two students answered the teacher's question **simultaneously**.

microscopic

adj. tiny; exceedingly precise and detail-oriented; of or used in microscopy

synonym: infinitesimal, tiny, atomic

(1) **microscopic** inquiry, (2) **microscopic** analysis Inspectors noticed **microscopic** cracks in the submarine's hull.

droplet

n. a small drop of liquid

synonym: bead, drip, dewdrop

(1) **droplet** size, (2) **droplet** formation

A single **droplet** of water can reflect the entire world upside down.

coalesce

 to come together or merge into a single group, mass, or whole; to blend or combine elements or ideas into a unified whole

synonym: merge, combine, unite

(1) **coalesce** ideas, (2) **coalesce** with the other

The various departments of the company will **coalesce** into one cohesive unit.

particle

a small piece of something; a word or piece of a term with grammatical function but little or no significance
 synonym: atom, grain, bit

(1) charged particle, (2) particle energy

We can calculate the position of the **particles** statistically.

accurate

adj. correct and exact in all details synonym: exact, precise, proper

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

The official transcript contains **accurate** academic records.

grain

- n. wheat or any other small hard seeds used as a food; a relatively small granular particle of a substancesynonym: seed, piece, cereal
- (1) a **grain** of sand, (2) flour made from **grain**Ordinary air purifiers cannot adequately remove pollen **grains**.

atmosphere

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

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

trade-off

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

synonym: compromise, balance, exchange

trade-off problem, (2) environmental trade-off
 There was a trade-off between speed and accuracy in the

task.

zoom

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

synonym: move quickly, dive, buzz

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

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

sacrifice

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

synonym: forfeit, immolation, gift

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

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

unfortunate

adj. having bad luck or fortune; unlucky

synonym: unlucky, pitiful, wretched

(1) an **unfortunate** orphan, (2) an **unfortunate** situation The **unfortunate** accident caused many injuries and some fatalities.

struggle

v. to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction

synonym: toil, strive, compete

(1) **struggle** against discrimination, (2) **struggle** to get the job

He could not **struggle** against temptation.

crucial

adj. extremely vital or necessary

synonym: essential, pivotal, vital

(1) **crucial** information, (2) a **crucial** issue for women

The revitalization of technology companies is **crucial** to the

country's growth.

temperature

- n. the degree of hotness or coldness of a thing or placesynonym: climate, warmth, degree
- (1) extreme **temperatures**, (2) the atmospheric **temperature**

Cities around the world set records for highest **temperatures** this summer.

profound

- adj. extremely great; sensed or experienced very strongly;displaying a high level of knowledge or comprehensionsynonym: deep, unsounded, far-reaching
- (1) a **profound** book, (2) the **profound** depths of the sea My mother's illness had a **profound** impact on us all.

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
- beauty spot, (2) a spot on his honor
 This remote spot is rarely visited.

ruin

- v. to damage, spoil, or demolish something; (noun) an unrecoverable state of devastation and destruction,
- *synonym*: bankrupt, demolish, destroy
- (1) **ruin** the plan, (2) **ruin** the reputation

He knocked over the red wine and ruined the tablecloth.

barbecue

 a cooking method or apparatus that uses open flames or heated coals to grill or smoke meat, fish, or vegetables; a social gathering or meal characterized by outdoor grilling or barbecuing of food

synonym: grill, cookout, outdoor cooking

(1) barbecue sauce, (2) barbecue grill

The **barbecue** at the park was a hit with all the families who attended.

wisp

n. a thin, delicate strand or vestige of something, such as smoke, vapor, or a piece of hair; a faint, barely perceptible indication or hint of something; a small creature or fairy, often depicted as a hovering, translucent figure

synonym: strand, thread, filament

(1) a wisp of mist, (2) a wisp of conversation
The wisp of smoke from the candle added to the room's cozy ambiance.

cirrus

- a type of high-altitude cloud characterized by thin, wispy strands or filaments, usually composed of ice crystals
 synonym: cloud, wisp, streak
- cirrus streaks, (2) cirrus formation
 The sky was painted with wispy cirrus clouds during the sunset.

sunlight

- n. the light emitted by the sun; the rays of the sunsynonym: daylight, rays, sunshine
- a glare of sunlight, (2) in direct sunlight
 Radiation from sunlight has a different wavelength.

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.

diversity

 the quality or fact of many different types of things or people being included in something; a range of different things or people

synonym: variety, multiplicity, variousness

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(1) the **diversity** policy of the university, (2) lingual **diversity** He was impressed by the range and **diversity** of the collection.

selfie

 a photograph that one has taken of oneself, typically one taken with a smartphone or webcam to share on social media

synonym: self-portrait, self-photo, self-snap

(1) **selfie** stick, (2) pose for a **selfie**

She took a **selfie** in front of the famous tower and shared it on the app.

cease

v. to stop an action or event

synonym: stop, end, terminate

(1) cease to exist, (2) cease drinking

The company decided to **cease** production of the product.

sunshade

n. a device or material used to protect someone or something from the sun's rays, particularly a parasol or umbrella; a structure or covering that shades a window or outdoor area

synonym: umbrella, awning, parasol

(1) sunshade canopy, (2) car sunshade

The beach umbrella provided a **sunshade** for us during the hot summer day.

radiate

v. to spread out or emit something, such as light or heat, in all directions

synonym: give off, scatter, beam

(1) radiate an aura, (2) radiate in all directions

Roads **radiate** from the famous building in the center of the city.

thermal

adj. relating to heat or temperature; designed for or capable of producing or maintaining heat

synonym: heat-related, warm, hot

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(1) **thermal** insulation, (2) **thermal** energy

The **thermal** imaging camera was used to detect heat signatures in the dark.

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.

dual

adj. having two parts, aspects, or elements *synonym*: twofold, binary, double

(1) dual purpose, (2) dual nationality

This laptop has a **dual-core** processor, making it fast and efficient.

cancel

rid

v. to decide that a previously scheduled activity will not take place

synonym: abort, invalidate, annul

- (1) **cancel** a class, (2) **cancel** a free subscription trial When customers **cancel** their reservations, they lose the deposit they made.
- v. to make someone or something free of unwanted or unpleasant tasks, objects, or person

synonym: do away with, free, clear

(1) get **rid** of the rats, (2) **rid** the body of waste products We must **rid** ourselves of pollution.

advocate

 a person who supports or suggests an idea, development, or way of doing something

synonym: proponent, exponent, promoter

(1) an **advocate** of disarmament, (2) public education **advocates**

Advocates of abolishing the death penalty often argue that the alternative heaviest sentence should be life in prison.

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.

trigger

- v. to make something happen suddenly; to cause something such as a device, machine, etc. to function synonym: activate, spark, drive
- (1) **trigger** a biochemical response, (2) **trigger** inflation The incident **triggered** a political controversy.

enhance

v. to increase or improve the quality, amount, or strength of someone or something

synonym: improve, enrich, refine

(1) **enhance** value, (2) **enhance** the flavor of the vanilla The new strategy will **enhance** the profitability of our company.

opposition

 the act of disagreeing or resisting; the state of strong disagreement

synonym: resistance, hostility, antagonism

(1) **opposition** campaign, (2) meet with **opposition** The **opposition** party strongly disagreed with the government's proposed legislation.

relative

adj. considered and evaluated through comparison with something else

synonym: comparative, proximate, congeneric

(1) a remote **relative**, (2) **relative** factors

Most countries prohibit sexual activity between certain close **relatives**.

muted

adj. having a subdued or softened sound, color, or tone;restrained or understated in expression or style

synonym: dull, hushed, muffled

(1) muted light, (2) muted sound

The toned-down, **muted** colors in the living room gave it a cozy and relaxed feeling.

 to turn from something solid into something soft or liquid as a result of heating

synonym: disintegrate, soften, disappear

(1) melt the ice, (2) melt down gold

Her resistance **melted** under his persuasion.

icecap

melt

 a mass of ice that permanently covers a considerable area of land, typically found in polar regions

synonym: glacier, ice sheet

- (1) the shrinking **icecaps** in the Arctic, (2) receding **icecap**The melting **icecaps** are a clear indication of climate change.
- n. a slight transition in position, direction, or trend synonym: transition, change, modification
- (1) Doppler **shift**, (2) major paradigm **shift** Could you help me **shift** some furniture?

rainfall

shift

the amount of rain that falls in a specific location at a particular moment

synonym: downpour, drizzle, rain

the mean annual rainfall, (2) heavy rainfall
 These plants thrive in hot climates with abundant rainfall.

pacific

adj. peaceful in character or intent; tending to lessen or avoid conflict; calm or soothing in manner or tone; (noun, as "Pacific") the largest and deepest of Earth's oceanic divisions

synonym: calm, peaceful, tranquil

(1) **pacific-natured** disposition, (2) the **Pacific** Ocean They adopted a **pacific** approach to resolving their differences, emphasizing dialogue and understanding.

satellite

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.

fortunate

adj. having good luck or lucky

synonym: fortuitous, lucky, blessed

(1) **fortunate** situation, (2) less **fortunate** person He was pretty **fortunate** to pass the exam.

observation

 the act or activity of carefully examining or monitoring something or someone

synonym: watching, notice, reflection

- (1) class **observation** day, (2) **observation** instrument In the hospital, she will remain under constant **observation**.
- v. to physically drag or pull someone or something with effort

synonym: drag, pull, tug

(1) haul on a rope, (2) haul truck

They had to haul the boat out of the water for repairs.

trend

haul

 a general direction in which something is changing or developing

synonym: direction, movement, tendency

(1) an international **trend**, (2) the **trend** away from television. The oil price continued their downward **trend**.

stitch

- one of the tiny thread lines visible on a piece of fabric after it has been sewn
- (1) a **stitch** in a garment, (2) pattern **stitch**The wound was so deep that it needed a surgical procedure and **stitches**.

orbit

n. the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity; (of medicine) the bony cavity in the skull that houses the eyeball and its associated structures, like muscles, nerves, and blood vessels

synonym: path, course, trajectory

- (1) the **orbit** of the moon, (2) a planetary **orbit**The rocket engine is used to put the satellite into **orbit**.
- 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.

 a conspicuous disparity or difference separates something such as a figure, people, their opinions, situation, etc.

synonym: opening, lacuna, spread

- (1) the **gap** between ideal and reality, (2) distance **gap**Many people are working together to close the gender **gap**.
- an indirect suggestion; a slight but appreciable amount of something

synonym: clue, indication, suggestion

hint of trouble, (2) helpful hints
 There was no hint of a problem.

adv. approximately but not precisely; with a violent manner synonym: approximately, more or less, around

- (1) **roughly** explain my idea, (2) **roughly** speaking Five miles is **roughly** similar to eight kilometers.
- a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent

equip

gap

hint

roughly

trap

them from escaping

synonym: catch, snare, pinfall

(1) set a trap, (2) trap an animal

The enemy fell right into the **trap**.

intensify

v. to increase or make something increase in extent or strength

synonym: amplify, boost, strengthen

(1) **intensify** diplomatic efforts, (2) **intensify** a good relationship

Rebels have pledged to **intensify** the armed struggle against the dictatorship.

dimension

 a measurable extent of a particular kind, such as width, height, or length

synonym: extent, measurement, size

(1) new **dimension**, (2) the crosswise **dimension**Overall **dimensions** are approximately 400x200mm.

atmospheric

adj. about or located in the earth's atmosphere synonym: atmospherical, climatic

- (1) doubling of atmospheric carbon dioxide,
- (2) atmospheric pressure

The sea surface temperature and **atmospheric** circulation are inextricably linked.

circulation

 the movement of blood through the body or of a fluid through a system; the number of copies of a newspaper or magazine that are sold

synonym: flow, movement, dissemination

(1) lymphatic circulation, (2) circulation of money

The **circulation** of the magazine has been steadily declining.

large-scale

adj. involving many people or things and involving a lot of change or activity

synonym: big, massive, grand

(1) **large-scale** project, (2) **large-scale** agriculture

The company is planning to make a **large-scale** expansion of its factory.

pole

n. one of two antipodal points where the Earth's axis of rotation intersects the Earth's surface; a long, slender, rounded rod, typically of wood or metal, used as a support or to hang something

synonym: rod, staff, shaft

(1) a fishing **pole**, (2) the plus **pole**

The North **Pole** is the northernmost point on Earth.

grandparent

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

reverse

 to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear

synonym: overturn, shift, switch

(1) **reverse** the trend, (2) **reverse** the order

The restaurant **reversed** a ban on smoking.

intense

adj. (especially of a feeling) very strong; extremely sharp or severe

synonym: extreme, fierce, harsh

(1) **intense** heat, (2) develop **intense** itching

That statement by the prime minister drew **intense** international criticism.

latitude

 the distance of a place north or south of the earth's equator, measured in degrees; freedom from normal restraints in conduct

synonym: breadth, range, freedom

(1) high latitudes, (2) latitude of choice

The city is located at a **latitude** of 40 degrees north.

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indication

 a sign or remark that something exists, is real, or is likely to occur

synonym: clue, hint, inkling

(1) **indication** of inflation, (2) environmental **indication** Faces are a good **indication** of age.

substantially

adv. to a great extent or degree

synonym: considerably, essentially, largely

(1) the price went up **substantially**, (2) the house was **substantially** built

The proportion of female engineers has **substantially** increased.

observe

v. to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion

synonym: watch, monitor, scrutinize

(1) **observe** a tradition, (2) **observe** wildlife

It is important to **observe** safety procedures in the workplace to prevent accidents.

hire

v. to give somebody a job

synonym: employ, engage, lease

(1) hire a guide, (2) hire a car by the hour

We should always be prepared to hire talented recruits.

diverse

adj. including numerous categories of individuals or entities; various

synonym: manifold, various, myriad

(1) **diverse** backgrounds, (2) a person of **diverse** talents New York is a city with a **diverse** ethnic population.

talented

adj. having a natural ability or aptitude for something;showing exceptional skill or ability in a particular areasynonym: gifted, able, skilled

(1) a very talented actor, (2) talented athlete

She is a **talented** musician, able to play several instruments.

improve

- v. to make or become better
- *synonym*: enhance, ameliorate, enrich
- (1) **improve** a process, (2) **improve** the test score We want to **improve** ties between our two countries.

ignorance

- n. lack of knowledge or information about a particular subject or fact
- synonym: unintelligence, inexperience, unawareness
- (1) **ignorance** of the law, (2) **ignorance** is bliss His **ignorance** of the situation led him to make a poor decision.

astrophysics

- n. the branch of physics concerned with the study of the properties and behavior of celestial objects and the physical processes that govern the behavior and evolution of the universe
- (1) **astrophysics** research, (2) neutrino **astrophysics**He was studying **astrophysics** in an attempt to understand the origins of the universe.

universe

- everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
- synonym: cosmos, macrocosm
- (1) theory of the **universe**, (2) expansion of the **universe** The **universe** is about 13.8 billion years old.

liquid

- a substance, such as water or oil that flows freely and is neither a solid nor a gas
- synonym: fluid
- colorless liquid, (2) hazardous liquid
 sponge takes up the liquid well.

whiskey

 a type of distilled alcoholic beverage made from fermented grains, typically barley, corn, rye, or wheat, aged in barrels and often consumed straight or with mixers

synonym: bourbon, scotch, rye

(1) bootleg whiskey, (2) whiskey barrelI enjoy a glass of whiskey on the rocks after a long day.

Session 2: Spelling

1. re ve factors

2. a remote re___ve

3. helpful h__ts

4. fo____te situation

5. beauty s__t

6. pa____c-natured disposition

7. the ch__l of autumn

8. a fishing p__e

9. high la____des

- adj. considered and evaluated through comparison with something else
- adj. considered and evaluated through comparison with something else

an indirect suggestion; a slight but appreciable amount of something

adj. having good luck or lucky

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

adj. peaceful in character or intent; tending to lessen or avoid conflict; calm or soothing in manner or tone; (noun, as "Pacific") the largest and deepest of Earth's oceanic divisions

 a feeling of coldness that makes one shiver; (verb) to make cool or cooler

 one of two antipodal points where the Earth's axis of rotation intersects the Earth's surface; a long, slender, rounded rod, typically of wood or metal, used as a support or to hang something

 n. the distance of a place north or south of the earth's equator, measured in degrees; freedom from normal restraints in conduct

ANSWERS: 1. relative, 2. relative, 3. hint, 4. fortunate, 5. spot, 6. pacific, 7. chill, 8. pole, 9. latitude

filaments, usually composed of ice crystals

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

a device or material used to protect someone or something from the sun's rays, particularly a parasol or umbrella; a structure or covering that shades a window or outdoor area

to increase or make something increase ν.

in extent or strength

ANSWERS: 10. convenient, 11. climate, 12. circulation, 13. atmosphere, 14. diverse, 15. stitch, 16. cirrus, 17. rely, 18. sunshade, 19. intensify

17. r y entirely on him

18. su de canopy

19. in fy diplomatic efforts

20.	obe wildlife	v.	to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
21.	avoid climate cathe	n.	a sudden event that causes extreme ruin and misfortune
22.	a gr_n of sand	n.	wheat or any other small hard seeds used as a food; a relatively small granular particle of a substance
23.	a very taed actor	adj.	having a natural ability or aptitude for something; showing exceptional skill or ability in a particular area
24.	thI insulation	adj.	relating to heat or temperature; designed for or capable of producing or maintaining heat
25.	the mean annual raII	n.	the amount of rain that falls in a specific location at a particular moment
26.	combined oxe	n.	a chemical compound that contains at least one oxygen atom and one other element
27.	bootleg why	n.	a type of distilled alcoholic beverage made from fermented grains, typically barley, corn, rye, or wheat, aged in barrels and often consumed straight or with mixers
28.	call and coin frequently	ν.	to say dissatisfaction or annoyance about something or somebody
29.	mud sound	adj.	having a subdued or softened sound, color, or tone; restrained or understated in expression or style

ANSWERS: 20. observe, 21. catastrophe, 22. grain, 23. talented, 24. thermal, 25. rainfall, 26. oxide, 27. whiskey, 28. complain, 29. muted

ANSWERS: 30. observation, 31. trap, 32. charm, 33. satellite, 34. chill, 35. accurate, 36. ignorance, 37. encounter, 38. crucial, 39. universe, 40. fast-forward

accelerated manner; to increase the

playback speed of a recording

ANSWERS: 41. gap, 42. simultaneously, 43. reproduce, 44. sacrifice, 45. zoom, 46. cancel, 47. zoom, 48. trigger, 49. diversity, 50. large-scale

adj. involving many people or things and involving a lot of change or activity

50. lar____le agriculture

51.	dl nationality	adj.	having two parts, aspects, or elements
52.	fasard to the good part	ν.	to advance or move forward in time or progress, particularly in a rapid or accelerated manner; to increase the playback speed of a recording
53.	rn the plan	ν.	to damage, spoil, or demolish something; (noun) an unrecoverable state of devastation and destruction,
54.	exotic plants in a grese	n.	a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
55.	an unfte situation	adj.	having bad luck or fortune; unlucky
56.	the dity policy of the university	n.	the quality or fact of many different types of things or people being included in something; a range of different things or people
57.	crI analyses	n.	a solid material with many even sides that is formed naturally when the substance becomes solid and has a highly regular atomic structure; clear and colorless glass made of almost pure silica
58.	cee drinking	<i>v</i> .	to stop an action or event
59.	number of different scios	n.	a description of possible actions or events in the future; a written outline of a play, film, or literary work
60.	max multiplication	n.	a rectangular array of numbers, symbols, or expressions, arranged in rows and columns and often enclosed in brackets; an enclosure within which something originates or develops

ANSWERS: 51. dual, 52. fast-forward, 53. ruin, 54. greenhouse, 55. unfortunate, 56. diversity, 57. crystal, 58. cease, 59. scenario, 60. matrix

position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear

66. ca___e customers' hearts

v. to catch a person or an animal and

67. r y on convenience stores

70. a cr lissue for women

68. ca___e a glimpse

69. nuclear ph s

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

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

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

 the science of matter and energy and their interactions

adj. extremely vital or necessary

ANSWERS: 61. gap, 62. reproduce, 63. atmospheric, 64. consequence, 65. reverse, 66. capture, 67. rely, 68. capture, 69. physics, 70. crucial

71.	the plus pe	n.	one of two antipodal points where the Earth's axis of rotation intersects the Earth's surface; a long, slender, rounded rod, typically of wood or metal, used as a support or to hang something
72.	a st on his honor	n.	a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
73.	the crosswise dion	n.	a measurable extent of a particular kind, such as width, height, or length
74.	obe a tradition	v.	to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
75.	ene the flavor of the vanilla	v.	to increase or improve the quality, amount, or strength of someone or something
76.	rae an aura	v.	to spread out or emit something, such as light or heat, in all directions
77.	charged pale	n.	a small piece of something; a word or piece of a term with grammatical function but little or no significance
78.	take several inputs simsly	adv.	at the same time
79.	ene value	v.	to increase or improve the quality, amount, or strength of someone or something
80.	astics research	n.	the branch of physics concerned with the study of the properties and behavior of celestial objects and the physical processes that govern the behavior and evolution of the universe

ANSWERS: 71. pole, 72. spot, 73. dimension, 74. observe, 75. enhance, 76. radiate, 77. particle, 78. simultaneously, 79. enhance, 80. astrophysics

ANSWERS: 81. particle, 82. advocate, 83. dual, 84. sacrifice, 85. infrared, 86. reverse, 87. orbit, 88. convenient

detail-oriented; of or used in microscopy

adj. tiny; exceedingly precise and

ANSWERS: 89. large-scale, 90. carbon, 91. equip, 92. cirrus, 93. substantially, 94. observation, 95. substantially, 96. simulate, 97. melt, 98. largely, 99. microscopic

99. mic ic inquiry

100. chm against bad luck	n.	the power or quality of pleasing or fascinating people
101. provide acte information	adj.	correct and exact in all details
102. a prnd book	adj.	extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension
103. an international trd	n.	a general direction in which something is changing or developing
104. neutrino astics	n.	the branch of physics concerned with the study of the properties and behavior of celestial objects and the physical processes that govern the behavior and evolution of the universe
105. a glare of suht	n.	the light emitted by the sun; the rays of the sun
106. funal education	adj.	forming an essential base or core from which everything else develops or is affected
107. indon of inflation	n.	a sign or remark that something exists, is real, or is likely to occur
108. the conce of an argument	n.	the outcome of a particular action or event, especially relative to an individual
109. lay accepted	adv.	virtually entirely; to a large degree
110. roy speaking	adv.	approximately but not precisely; with a violent manner
111. coce with the other	ν.	to come together or merge into a single group, mass, or whole; to blend or combine elements or ideas into a unified whole

ANSWERS: 100. charm, 101. accurate, 102. profound, 103. trend, 104. astrophysics, 105. sunlight, 106. fundamental, 107. indication, 108. consequence, 109. largely, 110. roughly, 111. coalesce

112. he a guide	v.	to give somebody a job
113. cathe risk management	n.	a sudden event that causes extreme ruin and misfortune
114. emissions of grese gases	n.	a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
115. coin about a job	<i>v</i> .	to say dissatisfaction or annoyance about something or somebody
116. coce ideas	ν.	to come together or merge into a single group, mass, or whole; to blend or combine elements or ideas into a unified whole
117. can emission	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
118. trff problem	n.	a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise
119. thI energy	adj.	relating to heat or temperature; designed for or capable of producing or maintaining heat
120. effects of cle change	n.	the weather in a particular location averaged over some long period
121. ine heat	adj.	(especially of a feeling) very strong; extremely sharp or severe
122. r_d the body of waste products	ν.	to make someone or something free of unwanted or unpleasant tasks, objects, or person

ANSWERS: 112. hire, 113. catastrophe, 114. greenhouse, 115. complain, 116. coalesce, 117. carbon, 118. trade-off, 119. thermal, 120. climate, 121. intense, 122. rid

123. get r d of the rats to make someone or something free of ν. unwanted or unpleasant tasks, objects, or person 124. a st__h in a garment one of the tiny thread lines visible on a n. piece of fabric after it has been sewn wheat or any other small hard seeds 125. flour made from gr n n. used as a food; a relatively small granular particle of a substance the point or degree or area to which 126. the ex t of the damage something extends 127. in____fy a good relationship to increase or make something increase in extent or strength to spread out or emit something, such 128. ra___e in all directions ν. as light or heat, in all directions 129. a person of di___e talents adj. including numerous categories of individuals or entities; various 130. doubling of atm ic carbon adj. about or located in the earth's atmosphere dioxide 131. en____er a storm to face something, particularly ν. something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly 132. expansion of the un___se everything that exists, especially all n. physical matter, including planets, stars, galaxies, and all other forms of matter and energy 133. im___e the test score to make or become better ν. 134. the ma___x of Western civilization a rectangular array of numbers, n. symbols, or expressions, arranged in rows and columns and often enclosed in brackets: an enclosure within which something originates or develops

ANSWERS: 123. rid, 124. stitch, 125. grain, 126. extent, 127. intensify, 128. radiate, 129. diverse, 130. atmospheric, 131. encounter, 132. universe, 133. improve, 134. matrix

135. a planetary or t the path of an object around a celestial n. body, especially a planet, star, or moon, under the influence of gravity; (of medicine) the bony cavity in the skull that houses the eyeball and its associated structures, like muscles, nerves, and blood vessels to take action in response to something 136. re t against his way of thinking ν. 137. pl t like the Earth any of the nine large celestial bodies n. that circle in the solar system; any celestial body that revolves around a star 138. an endless st m of cars a small, narrow river; a continuous flow n. of something, such as liquid, gas, people, vehicles, etc. 139. dr___t formation a small drop of liquid n. 140. wh___y barrel a type of distilled alcoholic beverage n. made from fermented grains, typically barley, corn, rye, or wheat, aged in barrels and often consumed straight or with mixers 141. st____le to get the job to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction 142. numerous un____in factors adj. not being sure of something; not being able to choose 143. ro y explain my idea adv. approximately but not precisely; with a violent manner

ANSWERS: 135. orbit, 136. react, 137. planet, 138. stream, 139. droplet, 140. whiskey, 141. struggle, 142. uncertain, 143. roughly

144. environmental trff	n.	a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise
145. cee to exist	<i>v</i> .	to stop an action or event
146. see stick	n.	a photograph that one has taken of oneself, typically one taken with a smartphone or webcam to share on social media
147. save the plt	n.	any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
148. busual approach	adj.	continuing or proceeding in the same way as usual, despite adverse events or circumstances
149. colorless lid	n.	a substance, such as water or oil that flows freely and is neither a solid nor a gas
150. cal a class	<i>v</i> .	to decide that a previously scheduled activity will not take place
151. mud light	adj.	having a subdued or softened sound, color, or tone; restrained or understated in expression or style
152. baue grill	n.	a cooking method or apparatus that uses open flames or heated coals to grill or smoke meat, fish, or vegetables; a social gathering or meal characterized by outdoor grilling or barbecuing of food
153. pose for a see	n.	a photograph that one has taken of oneself, typically one taken with a smartphone or webcam to share on social media

ANSWERS: 144. trade-off, 145. cease, 146. selfie, 147. planet, 148. business-as-usual, 149. liquid, 150. cancel, 151. muted, 152. barbecue, 153. selfie

to give off or send out something such 154. e t air pollution ν. as light, heat, sound, gas, etc. 155. r n the reputation to damage, spoil, or demolish ν. something; (noun) an unrecoverable state of devastation and destruction, 156. great-gra nt a parent of one's father or mother n. 157. tr____r inflation to make something happen suddenly; to ν. cause something such as a device, machine, etc. to function an indirect suggestion; a slight but 158. h__t of trouble n. appreciable amount of something adj. extremely great; sensed or experienced 159. the pr nd depths of the sea very strongly; displaying a high level of knowledge or comprehension 160. si____te climate change to make a pretense of someone's ν. behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes the movement of blood through the 161. lymphatic cir on n. body or of a fluid through a system; the number of copies of a newspaper or magazine that are sold 162. the st___m of time a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc. to turn from something solid into 163. m t the ice ν. something soft or liquid as a result of heating

ANSWERS: 154. emit, 155. ruin, 156. grandparent, 157. trigger, 158. hint, 159. profound, 160. simulate, 161. circulation, 162. stream, 163. melt

164. a meteorological sate
165. micic analysis
166. et a gamma ray
167. less fote person
168. new dion
169. ime a process
170. the Pac Ocean
171. ined radiation
172. hl truck
173. a wp of mist

- 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.
- adj. tiny; exceedingly precise and detail-oriented; of or used in microscopy
- to give off or send out something such as light, heat, sound, gas, etc.
- adj. having good luck or lucky
- *n.* a measurable extent of a particular kind, such as width, height, or length
- v. to make or become better
- adj. peaceful in character or intent; tending to lessen or avoid conflict; calm or soothing in manner or tone; (noun, as "Pacific") the largest and deepest of Earth's oceanic divisions
- 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
- v. to physically drag or pull someone or something with effort
- n. a thin, delicate strand or vestige of something, such as smoke, vapor, or a piece of hair; a faint, barely perceptible indication or hint of something; a small creature or fairy, often depicted as a hovering, translucent figure

ANSWERS: 164. satellite, 165. microscopic, 166. emit, 167. fortunate, 168. dimension, 169. improve, 170. pacific, 171. infrared, 172. haul, 173. wisp

174. hl on a rope	<i>v</i> .	to physically drag or pull someone or something with effort
175. develop ine itching	adj.	(especially of a feeling) very strong; extremely sharp or severe
176. eqp our children with some special skills	ν.	to provide a person or a place with the things that are needed for a particular purpose or activity
177. an adte of disarmament	n.	a person who supports or suggests an idea, development, or way of doing something
178. environmental indon	n.	a sign or remark that something exists, is real, or is likely to occur
179. maintain busual	adj.	continuing or proceeding in the same way as usual, despite adverse events or circumstances
180. taed athlete	adj.	having a natural ability or aptitude for something; showing exceptional skill or ability in a particular area
181. certain ext	n.	the point or degree or area to which something extends
182. take an unin attitude	adj.	not being sure of something; not being able to choose
183. hazardous lid	n.	a substance, such as water or oil that flows freely and is neither a solid nor a gas
184. tp an animal	n.	a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping

ANSWERS: 174. haul, 175. intense, 176. equip, 177. advocate, 178. indication, 179. business-as-usual, 180. talented, 181. extent, 182. uncertain, 183. liquid, 184. trap

the amount of rain that falls in a specific 185. heavy ra n. location at a particular moment 186. re t at a high temperature to take action in response to something ν. 187. receding ic___p a mass of ice that permanently covers a n. considerable area of land, typically found in polar regions 188. opp____on campaign the act of disagreeing or resisting; the n. state of strong disagreement 189. a w p of conversation a thin, delicate strand or vestige of something, such as smoke, vapor, or a piece of hair; a faint, barely perceptible indication or hint of something; a small creature or fairy, often depicted as a hovering, translucent figure a chemical compound that contains at 190. silver ox__e n. least one oxygen atom and one other element 191. the tr d away from television a general direction in which something is changing or developing a description of possible actions or 192. the worst case sc io n. events in the future; a written outline of a play, film, or literary work to give somebody a job 193. h__e a car by the hour ν. 194. an unf____te orphan adj. having bad luck or fortune; unlucky 195. laws of ph s the science of matter and energy and their interactions 196. carbon dioxide in the atm re the mass of air that surrounds the n. Earth; the pervading tone or mood of a

ANSWERS: 185. rainfall, 186. react, 187. icecap, 188. opposition, 189. wisp, 190. oxide, 191. trend, 192. scenario, 193. hire, 194. unfortunate, 195. physics, 196. atmosphere

place, situation, or creative work

197. extreme temres	n.	the degree of hotness or coldness of a thing or place
198. lade of choice	n.	the distance of a place north or south of the earth's equator, measured in degrees; freedom from normal restraints in conduct
199. drt size	n.	a small drop of liquid
200. funal rights	adj.	forming an essential base or core from which everything else develops or is affected
201. liquid crl	n.	a solid material with many even sides that is formed naturally when the substance becomes solid and has a highly regular atomic structure; clear and colorless glass made of almost pure silica
202. baue sauce	n.	a cooking method or apparatus that uses open flames or heated coals to grill or smoke meat, fish, or vegetables; a social gathering or meal characterized by outdoor grilling or barbecuing of food
203. the atmospheric temre	n.	the degree of hotness or coldness of a thing or place
204. major paradigm sht	n.	a slight transition in position, direction, or trend
205. car sude	n.	a device or material used to protect someone or something from the sun's rays, particularly a parasol or umbrella; a structure or covering that shades a window or outdoor area

ANSWERS: 197. temperature, 198. latitude, 199. droplet, 200. fundamental, 201. crystal, 202. barbecue, 203. temperature, 204. shift, 205. sunshade

206. Doppler snt	n.	a slight transition in position, direction, or trend
207. in direct suht	n.	the light emitted by the sun; the rays of the sun
208. meet with oppon	n.	the act of disagreeing or resisting; the state of strong disagreement
209. igce of the law	n.	lack of knowledge or information about a particular subject or fact
210. the shrinking icps in the Arctic	n.	a mass of ice that permanently covers a considerable area of land, typically found in polar regions
211. stle against discrimination	v.	to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction
212. person of grant age	n.	a parent of one's father or mother

ANSWERS: 206. shift, 207. sunlight, 208. opposition, 209. ignorance, 210. icecap, 211. struggle, 212. grandparent

Session 3: Fill in the Blanks

	The accident caused many injuries and some fatalities. having bad luck or fortune; unlucky
2. n.	Trees absorb dioxide and give off oxygen. 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
3. n.	She took a in front of the famous tower and shared it on the app. a photograph that one has taken of oneself, typically one taken with a smartphone or webcam to share on social media
	Her resistance under his persuasion. to turn from something solid into something soft or liquid as a result of heating
	Our users are often about the slow application. to say dissatisfaction or annoyance about something or somebody
6. n.	The president prepared several possible for an enemy attack. a description of possible actions or events in the future; a written outline of a play, film, or literary work
	These economic activities had disastrous environmental the outcome of a particular action or event, especially relative to an individual
8. n.	He was impressed by the range and of the collection. the quality or fact of many different types of things or people being included in something; a range of different things or people
	SWERS: 1. unfortunate, 2. carbon, 3. selfie, 4. melted, 5. complaining, 6. narios, 7. consequences, 8. diversity

57.	Even though there was a crisis, the company tried to continue with
adj.	continuing or proceeding in the same way as usual, despite adverse events or circumstances
58.	She is a musician, able to play several instruments.
adj.	having a natural ability or aptitude for something; showing exceptional skill or ability in a particular area
59.	The of smoke from the candle added to the room's cozy ambiance.
n.	a thin, delicate strand or vestige of something, such as smoke, vapor, or a piece of hair; a faint, barely perceptible indication or hint of something; a small creature or fairy, often depicted as a hovering, translucent figure
60.	In the hospital, she will remain under constant
n.	the act or activity of carefully examining or monitoring something or someone
61.	The airport offers five access routes.
adj.	useful, helpful, or quick to do
62.	The of the magazine has been steadily declining.
n.	the movement of blood through the body or of a fluid through a system; the number of copies of a newspaper or magazine that are sold
63.	I like to through commercials when watching TV shows.
v.	to advance or move forward in time or progress, particularly in a rapid or accelerated manner; to increase the playback speed of a recording
64.	The North is the northernmost point on Earth.
n.	one of two antipodal points where the Earth's axis of rotation intersects the Earth's surface; a long, slender, rounded rod, typically of wood or metal, used as a support or to hang something
ANS	SWERS: 57. business-as-usual, 58. talented, 59. wisp, 60. observation, 61.

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convenient, 62. circulation, 63. fast-forward, 64. Pole

Vocab-Builder Ref from	"Kate Marvel:	Can clouds buy	us more time to	solve climate chang	ge? TED Talk" (106 words)
ANSWERS:					