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Vocabulary Builder Reference from...

Steven Johnson: How humanity doubled life expectancy in a century | TED Talk https://www.ted.com/talks/steven_johnson_how_humanity_doubled_life_expectancy_in_a_century



All Words

IMPORTANT

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Session 1: Word List

classic

adj. judged or deserving to be regarded as one of the best or most important of its kind over a period of time; of a well-known type

synonym: definitive, traditional, typical

(1) a **classic** experiment, (2) Chinese **classic** literature He displayed the **classic** symptoms of depression.

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.

brain

 the organ inside the head that is responsible for one's movement, thought, memory, and feeling

synonym: intellect, mind, encephalon

(1) basic **brain** function, (2) permanent **brain** damage X-rays revealed a small tumor in his **brain**.

cycle

n. an interval during which a recurring sequence of events occurs; a bicycle or motorcycle

synonym: revolution, rotation, bike

(1) the **cycle** of the seasons, (2) go to the workplace by

cycle

The food chain causes a material **cycle**.

banner

n. a long strip of cloth or paper bearing a symbol, logo, slogan, or another message, especially carried in a demonstration or procession or hung in a public place; a form of the online advertisement appearing on a web page

synonym: flag, pennant, advertisement

(1) the star-spangled **banner**, (2) **banner** advertising They unfurled the **banners** in preparation for the ceremony.

headline

 a heading at the top of a newspaper or magazine story or page

synonym: title, caption

(1) **headline** article, (2) banner **headline**The engagement of the two golf players became **headline**news.

defeat

- v. to win against somebody in a fight, war, or attempt synonym: conquer, beat, overpower
- defeat a global power, (2) defeat body odor
 Despite his best efforts, he was unable to defeat the enemy.

argue

v. to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others

synonym: debate, dispute, quarrel

(1) argue a case, (2) argue passionately

The couple began to **argue** over which restaurant to go to for dinner.

progression

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

synonym: advancement, development, evolution

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

toward sustainability.

geography

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

synonym: landscape, terrain, topography

(1) geography class, (2) economic geography

She did well on her **geography** exam.

courtesy

polite behavior or remark that shows respect for other people

synonym: civility, politeness, respect

(1) **courtesy** call, (2) fail to show **courtesy**

Different cultures have different ways of expressing courtesy.

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.

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.

extraordinary

adj. exceptional, unexpected, very unusual; surpassing the ordinary or usual

synonym: exceptional, noteworthy, astonishing

(1) **extraordinary** ability, (2) **extraordinary** weather He narrated the **extraordinary** story of his adventure.

achievement

 a thing that someone has accomplished, primarily through their effort and ability

synonym: accomplishment, attainment, triumph

(1) student **achievement**, (2) a remarkable **achievement**This **achievement** has never been formally accepted.

statistics

- *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
- (1) **statistics** for cancer, (2) official **statistics**The **statistics** demonstrate that poverty and unemployment are genuine problems.

illusion

 a false idea or belief, especially about somebody or about a situation

synonym: delusion, fallacy, magic trick

(1) optical **illusion**, (2) the **illusion** of being in the forest He could no longer tell the difference between **illusion** and reality.

infant

- n. a baby or very young childsynonym: baby, newborn, tot
- (1) **infant** daughter, (2) **infant** food Mozart was an **infant** prodigy.

mortality

- n. the quality or state of being subject to deathsynonym: fatality
- mortality due to cancer, (2) lower infant mortality
 This disease has a high mortality.

dramatically

adv. in a very impressive mannersynonym: greatly, noticeably, suddenly

(1) he confessed **dramatically**, (2) the cabin pressure fell **dramatically**

Life expectancy has grown dramatically this century.

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.

infographic

- a visual representation of information or data often used to present complicated or complex concepts in a simple and understandable way
- (1) **infographic** design, (2) **infographic** presentation The company shared an impressive **infographic** about its annual profits.

statistician

- n. a person who studies or is an expert in statisticssynonym: actuary
- (1) professional **statisticians**, (2) environmental **statistician**

The firm employs several **statisticians** to develop a recommendation engine.

attempt

an act or effort of trying to do something, especially something difficult

synonym: endeavor, effort, try

(1) the **attempt** to rescue the hostages, (2) a reckless **attempt**

The third attempt was far more successful.

incredibly

 adv. in a way that is very difficult to believe; exceedingly or extremely

synonym: enormously, exceptionally, extraordinarily

(1) **incredibly** cheerful character, (2) get **incredibly** insecure

Several cities are experiencing **incredibly** high unemployment rates.

heroic

 adj. courageous and daring; having or displaying qualities appropriate for legendary figures that is courage and daring

synonym: brave, courageous, daring

(1) a heroic poem, (2) heroic explorers

The **heroic** actions of individuals are now easily spread worldwide by SNS.

chart

 a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea

synonym: diagram, graph, map

(1) a weather **chart**, (2) a statistical **chart** This pie **chart** represents our market share.

excel

- v. to be extremely good at or proficient in doing somethingsynonym: outdo, shine, surpass
- (1) **excel** in description, (2) **excel** at communication The company **excels** in customer service.

broad

adj. very wide; generalsynonym: wide, expansive, comprehensive

(1) attract broad attention, (2) a broad mind

He accumulated wealth across a broad spectrum of assets.

rev

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

synonym: revolution, RPM, speed

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

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

tragic

adj. causing great sadness or suffering; very unfortunate synonym: calamitous, disastrous, catastrophic

(1) tragic love stories, (2) tragic death

The **tragic** events of the war left many families torn apart.

alarming

adj. causing concern or apprehension; causing a feeling of danger, harm, or emergency; unsettling or disturbingsynonym: forbidding, concerning, disturbing

(1) alarming news, (2) alarming statistics

The sudden rise in crime rates in our neighborhood is quite alarming.

optimism

n. a feeling or the belief that good things will happen, or the quality of being full of hope and emphasizing the positive aspects of a situation

synonym: positiveness, sanguinity, bullishness

(1) sense of **optimism**, (2) political **optimism**

There is considerable **optimism** that the economy will recover soon.

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.

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.

generation

 all the people born and living at about the same time, regarded collectively; the production of heat or electricity

synonym: cohort, age group, era

(1) **generation** gap, (2) the **generation** of electricity

The younger **generation** has different values and beliefs than the older one.

stack

 a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated

synonym: accumulation, heap, pile

(1) high **stack**, (2) a large **stack** of paper

The earthquake caused a **stack** of lumber to crumble noisily.

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.

underlying

 adj. significant as a cause or basis of something but not immediately apparent or stated clearly

synonym: fundamental, latent, basic

(1) an **underlying** motive, (2) an **underlying** cause of an accident

The underlying principle of every business was identical.

trend

 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**.

magnitude

- n. the extent, level, importance, or amount of somethingsynonym: size, extent, level
- (1) a star of the first **magnitude**, (2) the **magnitude** of the disaster

The **magnitude** of the earthquake was measured at 7.8 on the Richter scale.

crisis

 a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken synonym: concern, problem, emergency

(1) financial crisis, (2) crisis management

The Chinese word for **crisis** comprises two characters, one for danger and the other for opportunity.

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.

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
- carbon dioxide, (2) carbon emission
 Trees absorb carbon dioxide and give off oxygen.

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.

weird

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

(1) a weird dress,(2) the state of being weirdMy computer has been acting weird recently.

unintended

adj. not planned or meantsynonym: accidental, unconsenting, involuntary

(1) **unintended** bias, (2) **unintended** misunderstanding Excessive human interference in the global environment may bring **unintended** consequences.

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**.

industrialize

- v. to organize the production of something into an industry synonym: motorize
- (1) **industrialize** service, (2) **industrialized** textile production

The nations of South East Asia will quickly **industrialize** and catch up with the West.

longevity

 the property of being long-lived; significant duration of service

synonym: seniority, endurance

(1) **longevity** crisis, (2) **longevity** genes He is proud of the **longevity** of the business.

blessing

 a gift or favor from a higher power or force; an act or expression of approval, encouragement, or gratitude; something that brings happiness or good fortune

synonym: favor, benediction, boon

(1) count your **blessings**, (2) bestowed **blessings**Receiving support from his friends was a great **blessing** in his time of need.

obsess

v. to fill the mind of someone continually so that one can't think of anything else

synonym: torment, beset, engross

(1) **obsess** over her weight, (2) he is **obsessed** with the fear

He's utterly **obsessed** with his promotion.

investigation

 the act or process of thoroughly examining a crime, problem, statement, etc., to uncover the truth

synonym: examination, analysis, inspection

(1) a preliminary **investigation**, (2) the scope of an **investigation**

We have never before conducted a legitimate **investigation**.

prime

adj. main or most important; basic synonym: excellent, exceptional, premium

(1) **prime** number, (2) deputy **prime** minister

After a thorough investigation, she has been named as the **prime** suspect.

mover

 a person or company that specializes in moving goods or possessions from one location to another; a professional moving service or an individual who performs this task for friends, family members, or customers

synonym: removalist, proposer

(1) market **mover**, (2) the **movers** and shakers
The professional **mover** helped us pack and transport our furniture and belongings to our new home.

rooftop

the upper surface or cover of a building's roof, often used for recreational or other purposes

synonym: roof, terrace, deck

(1) rooftop live, (2) rooftop deck

They held the dinner party on the **rooftop** terrace, enjoying the beautiful view of the city.

vaccine

 a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)

synonym: vaccinum

(1) development of **vaccines**, (2) an oral **vaccine**The mRNA **vaccine** was approved in less than a year because it did not contain the fragments of the target virus.

invention

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

synonym: creation, design, innovation

(1) the **invention** of new techniques, (2) common **invention** Necessity is the mother of **invention**.

appreciate

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

smallpox

 a highly contagious viral disease characterized by fever, weakness, spots on the skin, and often death

synonym: variola

(1) **smallpox** epidemic, (2) **smallpox** vaccine An outbreak of **smallpox** occurred in the 1920s.

polio

 an acute infectious disease caused by a virus that attacks nerve cells in the spinal cord and brain, leading to paralysis, muscle weakness, and potentially lifelong disability

synonym: poliomyelitis, infantile paralysis

(1) polio epidemic, (2) polio eradication

The **polio** vaccine development is regarded as one of the greatest medical achievements of the 20th century.

influenza

 n. (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics

synonym: grippe, flu

(1) an epidemic outbreak of **influenza**, (2) **influenza** B strain

The research institute allocated a lot of money to study the cause and prevention of **influenza**.

measles

 a highly infectious viral disease that causes fever, red spots on the skin, and other flu-like symptoms, typically affects children

synonym: rash, red measles, rubella

(1) measles outbreak, (2) measles vaccine

The school sent a notice of a **measles** case in one of the classrooms.

coronavirus

n. a large family of viruses that can cause illness in humans and animals, which name comes from the crown-like spikes on the surface of the virus, which can be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2

synonym: covid

(1) **coronavirus** antibody test kit, (2) **coronavirus** bankruptcy

Considering the situation of **coronavirus**, organized stopped this year's beer festival.

celebrated

- adj. renowned for possessing admirable attributes synonym: acclaimed, notable, prominent
- (1) **celebrated** artist, (2) **celebrated** paper Three **celebrated** tenors performed during the president's inauguration.

eradicate

v. to get rid of or destroy something completely, especially something bad

synonym: destroy, eliminate, exterminate

(1) **eradicate** the deficit, (2) **eradicate** racial discrimination We are trying to **eradicate** this disease from the world.

celebrate

v. to acknowledge a memorable or good day or event with a social gathering or enjoyable activity

synonym: praise, glorify, honor

(1) **celebrate** his election, (2) **celebrate** Christmas He **celebrated** the 10th anniversary of his tenure.

hesitancy

n. the state of being hesitant or unsure; a delay or reluctance to act or make a decision

synonym: reluctance, indecision, doubt

(1) have no **hesitancy** in making requests, (2) social **hesitancy**

Her **hesitancy** to speak up in meetings hindered her career advancement.

exclusive

adj. not divided or shared with others

synonym: sole, deluxe, limited

(1) **exclusive** authority, (2) **exclusive** clubs

The condo offers **exclusive** access to the beach.

march

v. to walk militarily with stiff, regular steps

synonym: parade

(1) march against the war, (2) march east

The troops **marched** shoulder-to-shoulder.

tangible

adj. real and concrete; able to be perceived, especially able to be touched; (of business assets) having physical substance and intrinsic monetary value

synonym: palpable, real, actual

(1) **tangible** assets, (2) produce **tangible** results

A problem that has been pointed out for years finally becomes **tangible**.

antibiotic

 a substance or drug that kills or slows down the growth of bacteria

synonym: antimicrobial, chemotherapeutic, germicide

(1) antibiotic resistance, (2) antibiotic allergy

He has been prescribed an **antibiotic** to treat his infection.

X-ray

 a type of electromagnetic radiation that has a wavelength shorter than visible light allowing hidden objects such as bones and organs inside the body to be photographed

synonym: roentgenogram, photon radiography

(1) X-ray scan, (2) an X-ray of arteries

The doctor ordered an **X-ray** to see if there was any damage to the bones.

conquer

- v. to bring under control by force or authority synonym: defeat, overpower, subdue
- (1) **conquer** fatal disease, (2) **conquer** the world You must **conquer** your anxiety about driving.

terrifying

adj. very frightening or intimidatingsynonym: frightening, intimidating, alarming

(1) terrifying experience, (2) terrifying eventsLarge earthquakes often generate terrifying tsunamis.

threat

 a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation

synonym: menace, danger, hazard

(1) economic **threat**, (2) environmental **threat**The **threat** of severe weather prompted the city to issue an evacuation warning.

emblem

- n. a design or symbol that represents a quality or ideasynonym: symbol, sign, badge
- (1) a national emblem,(2) family emblemThe eagle is an emblem of strength and courage.

vitality

- n. the state of being strong and active; energysynonym: energy, life, vigor
- (1) **vitality** of youth, (2) the **vitality** of the company The new gym membership has improved his **vitality** and overall health.

mechanical

adj. operated by a machine, relating to or concerned with machinery or tools

synonym:

machinelike, automated, automatic

(1) a **mechanical** style of writing, (2) the influence of **mechanical** action

A **mechanical** engineer is still in demand in many companies.

refrigeration

 the process of cooling or freezing something, especially food, to preserve it

synonym: cooling, freezing, preservation

(1) refrigeration car, (2) refrigeration technology

The supermarket had a large **refrigeration** section with all kinds of fresh produce.

spoilage

 the act or process of spoiling or causing something to spoil, particularly food or perishable items; the extent of damage or decay caused by spoilage

synonym: decay, deterioration, waste

(1) bacterial spoilage, (2) food spoilage

The warm weather caused **spoilage** of the dairy products left outside.

tuberculosis

- an infectious disease usually caused by tubercle bacteria that can attack many parts of a person's body, especially their lungs
- (1) died of **tuberculosis**, (2) a medicine for **tuberculosis Tuberculosis** used to be considered a fatal disease.

urban

adj. relating to or located in a town or city synonym: metropolitan, civic

(1) **urban** planning, (2) **urban** property owners
Only a small number of **urban** utilities offer sanitation services.

cattle

 cows, bulls, and buffalos that are raised for their milk or meat as farm animals

synonym: cows, herd, oxen

(1) cattle barn, (2) cattle hide

The **cattle** are on the grassland and grazing.

sloppy

adj. characterized by a lack of order or neatness; careless,disorganized, or careless in appearance or performancesynonym: messy, untidy, disheveled

(1) **sloppy** writing, (2) **sloppy** appearance

She looked **sloppy** in her wrinkled shirt and mismatched socks.

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 barrel

I enjoy a glass of **whiskey** on the rocks after a long day.

distill

- v. to purify or refine; to extract the essential elements synonym: extract, condense, purify
- (1) distill a liquid, (2) distill information

She decided to **distill** her thoughts into a more manageable list.

brilliant

adj. extremely clever, skilled, or impressive synonym: luminous, intelligent, clever

(1) brilliant idea, (2) brilliant performance

The more **brilliant** you are, the more people around you look at you with envy and jealousy.

tint

n. a shade or small amount of a colorsynonym: hue, stain, pigment

(1) rosy tint lip, (2) tint color

This flower has milky white petals with a pink **tint** on its edges.

swill

v. to drink or consume something greedily or excessively; to dispose of liquid waste or refuse by flushing it away or feeding it to animals

synonym: gulp, chug, guzzle

(1) swill beer, (2) swill the deck

You should not **swill** your drink like an animal.

contaminate

v. to make something impure, unclean, or poisonous by contact or mixture

synonym: defile, pollute, adulterate

(1) **contaminate** with a disease, (2) **contaminate** his ego We strive not to **contaminate** the environment when demolishing petroleum plants.

chemistry

- the branch of the natural sciences dealing with the composition of substances and their properties and reactions
- (1) professor of **chemistry**, (2) the **chemistry** of soil He is familiar with **chemistry** and biology.

carton

 a lightbox or container made of cardboard, typically used for packaging or storing items

synonym: box, package, container

(1) carton box, (2) empty carton

I need a **carton** of milk from the grocery store.

grocery

- n. a shop that sells food and other household itemssynonym: foodstuff, market
- synonym: roodotan, markot

(1) the **grocery** business, (2) run a **grocery**

I will go to the **grocery** store to buy food for dinner.

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.

sterilize

v. to make something free of all forms of life, especially bacteria or viruses, by using heat, chemicals, or radiation

synonym: disinfect, sanitize, cleanse

(1) **sterilize** chemically, (2) **sterilize** surfaces

The nurse **sterilized** the instruments before the surgery to prevent any infections.

persuade

v. to convince or induce someone to do something by presenting a reason or argument; to sway or influence someone's decision or opinion

synonym: convince, influence, sway

(1) attempt to **persuade**, (2) **persuade** enough people She tried to **persuade** her brother to join her on the trip, but he was too busy with work.

convince

v. to persuade someone or make someone believe that something is true

synonym: persuade, win over, convert

(1) **convince** her to go with us, (2) **convince** an opponent I am considering what I should do to **convince** him.

dairy

 a room, building, or establishment where milk and milk products are produced and processed; milk and milk products, such as butter and cheese

synonym: creamery, farm

(1) low-fat **dairy**, (2) imported **dairy** product

The **dairy** industry is a significant contributor to the economy.

industrious

adj. hardworking, diligent, and persistent in effort synonym: diligent, hardworking, assiduous

(1) **industrious** worker, (2) **industrious** student He was known to be very **industrious** and would often work late into the night.

cast

v. to cause light or shadow to appear on a surface; to assing or choose someone such as an actor or

representative, especially by selection process synonym: throw, project, select

(1) cast a ballot, (2) cast a charming eye

This accident **cast** a dark shadow over their lives.

muckrake

to expose or uncover corrupt or immoral practices or behavior, particularly in politics or business

synonym: investigate, probe, scrutinize

(1) **muckrake** the human rights violations, (2) **muckrake** the truth

The journalist decided to **muckrake** and uncover the corruption in the government.

journalist

a person who collects and writes news stories or articles for newspapers, magazines, radio, television, or other online media

synonym: reporter, newsperson, press

(1) a China-based journalist, (2) journalist on a magazine Foreign TV crews and **journalists** can go as they please in various locations during the Olympics.

crusade

a series of wars fought by Christians in the middle ages n. to recover the holy land from the Muslims; a series of actions advancing a principle or tending toward a particular end

synonym: holy war, religious war, expedition

- (1) a **crusade** against smoking, (2) environmental **crusade** During the Crusade period, many European Christians went on a pilgrimage to the Holy Land.
- a politician or legislator who is responsible for making lawmaker n. and changing laws

synonym: lawgiver, legislator, solon

(1) female lawmaker, (2) incumbent lawmaker This company has increased political contributions to federal lawmakers.

subculture

 a distinct social group or community within a larger society that shares a set of practices, beliefs, or values that are different from those of the dominant culture

synonym: underground culture, alternative culture

(1) subculture movement, (2) subculture fashion

The punk **subculture** emerged in the 1970s as a response to mainstream society and its values.

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.

depart

- v. to go away or leave, especially to start a journey synonym: go away, leave, vacate
- (1) arrive and **depart** on time, (2) **depart** from the faith We **departed** before the temperature fell below zero.

magnate

n. a wealthy, influential, or powerful person, particularly in business or industry

synonym: tycoon, mogul, baron

(1) media magnate, (2) business magnate

The billionaire **magnate** donated millions to charity last year.

depot

 a place or a building where goods, materials, or equipment are stored, manufactured, or distributed; a transportation hub where buses or trains start or end their journeys

synonym: warehouse, storage, station

(1) weapon **depot**, (2) food **depot**

The train **depot** was a hub for commuters and travelers.

resident

 a person who lives in a particular place or has their home in a place

synonym: dweller, inhabitant, inhabitant

(1) a **resident** of the city, (2) **resident** tax

Visa renewal for **resident** foreigners in this country is once every five years.

develop

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

synonym: evolve, progress, advance

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

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

context

 the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning

synonym: background, setting, environment

(1) historical context, (2) legal context

It's important to understand the **context** of a situation before making a decision.

disrupt

v. to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

synonym: interrupt, disturb, break into

(1) **disrupt** a well-ordered condition, (2) **disrupt** sleep I'm so sorry to **disrupt** you when you're pretty busy.

innovation

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

synonym: invention, initiation, creation

(1) innovation leader, (2) cutting-edge innovation

The vegetarian burger was an **innovation** that quickly spread to the United Kingdom.

bureaucracy

n. a system of government in which most of the important decisions are made by state officials rather than by

elected representatives

synonym: administration, government, system

(1) government **bureaucracy**, (2) arbitrary **bureaucracy**The bumbling **bureaucracy** made it difficult to get the permits we needed.

institute

 an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something

synonym: academy, university, college

(1) institute a lawsuit, (2) research institutesThis region has many institutes offering higher education.

contradictory

adj. containing or consisting of conflicting or incompatible elements

synonym: conflicting, opposing, inconsistent

(1) apparently **contradictory**, (2) **contradictory** evidence His statements were **contradictory**, leaving the audience confused.

flip

 to turn over into a different position quickly; to throw or toss with a light motion

synonym: throw, jump

(1) flip over the pork chop, (2) flip a coin

He **flipped** when he heard that he had been accepted into the university.

pharmaceutical

adj. relating to the production and selling of the medical drugs

synonym: drug, medication, prescription

(1) major **pharmaceutical** companies, (2) commercial **pharmaceutical** products

She gave money to help set up a **pharmaceutical** laboratory.

catalog

n. a complete list of items, often including technical details and prices

synonym: directory, list, register

(1) a classified **catalog**, (2) **catalog** card

She used the online **catalog** to find the perfect pair of earrings for her sister's birthday.

laundry

 the act of washing clothes and linens; a room or area where clothes are washed and ironed

synonym: wash, clothes, linen

(1) send out the laundry, (2) laundry roomI need to do the laundry before I run out of clean clothes.

poison

n. a substance that can cause illness, injury, or death when ingested, inhaled, or absorbed through the skin; something harmful, malicious, or toxic; the act of damaging or ruining a relationship; (verb) to introduce a substance into something or someone harmful and potentially deadly

synonym: toxin, venom, pollutant

(1) **poison** ivy, (2) **poison** bilateral relations

The plant's leaves contain a deadly **poison** that can cause hallucinations and seizures.

arsenic

 a poisonous chemical element that occurs naturally in some rocks and minerals and is sometimes used in pesticides and wood preservatives

synonym: poison, toxin

(1) **arsenic** poisoning, (2) **arsenic** contamination Exposure to **arsenic** in drinking water can cause serious health problems.

mercury

 a heavy, silvery-white metal that is liquid at room temperature and is used in thermometers, electrical equipment, and other devices; (Mercury) the smallest planet and the nearest to the sun

synonym: quicksilver, hydrargyrum, Hg

(1) mercury poisoning, (2) Mercury Plan

The **mercury** in the thermometer had risen to the boiling point.

belladonna

 a poisonous plant with shiny black berries and deadly nightshade used historically for medicinal and cosmetic purposes but now mostly avoided due to its toxicity

synonym: deadly nightshade, dwale, devil's cherry

(1) belladonna toxicity, (2) belladonna plant

The use of **belladonna** in herbal remedies is controversial due to its potentially dangerous effects.

mention

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

heroin

 a highly addictive and illegal drug derived from morphine, typically administered by injection and often associated with serious health problems, including overdose and addiction

synonym: dope, smack, narcotics

(1) smoking **heroin**, (2) **heroin** overdose

The withdrawal symptoms from **heroin** can be intense and painful.

cocaine

n. a highly addictive stimulant drug that is derived from the leaves of the coca plant, often used recreationally for its euphoric effects but also used in medicine as a local anesthetic and vasoconstrictor

synonym: narcotic, coke, snow

(1) powder cocaine, (2) cocaine overdose

The drug dealer was arrested for possession of **cocaine**.

medical

adj. relating to the treatment of illness or injuries; relating to the practice of medicine

synonym: health, disease, treatment

(1) a **medical** opinion, (2) temporary **medical** treatment The **medical** team worked quickly to save the patient's life.

historic

- adj. famous or significant in history, or potentially so synonym: memorable, momentous, historical
- (1) **historic** accomplishment, (2) achieve the **historic** feat The Chinese people have accomplished several **historic** feats.

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.

start-up

- n. a newly established company or business
- (1) start-up business, (2) early-stage start-upOur company's services are targeted at start-up executives.

cough

- v. to expel air from the lungs suddenly and noisily, often as a reaction to irritation, illness, or some other physical condition; (noun) a sudden, forceful expulsion of air from the lungs, often accompanied by a distinctive sound synonym: hack, clear throat, wheeze
- (1) cough several times, (2) persistent coughI can't stop coughing and think I might have caught a cold.

syrup

- a sweet, thick liquid made by dissolving sugar in water, often flavored with fruit, spices, or other ingredients
 synonym: nectar, sap, honey
- (1) maple **syrup**, (2) **syrup** bottle
- She mixed the **syrup** with water to make a sweet drink.

strep

 i. (informal shorthand for "streptococcus") a type of bacteria that can cause a range of infections, including strep throat and scarlet fever

synonym: streptococci, streptococcus, streptococcal infection

(1) **strep** skin infection, (2) **strep** bacteria

The doctor diagnosed the patient with **strep** throat and prescribed antibiotics.

sulfa

an antibiotic drug that is derived from sulfanilamide (= a synthetic compound with antimicrobial properties, historically used as an antibacterial drug) and is used to treat infections, particularly bacterial infections

synonym: antibiotic

(1) sulfa-based antibiotics, (2) sulfa allergy

My doctor prescribed me a **sulfa** medication for my urinary tract infection.

forerunner

 a person or thing that comes before another and serves as a sign or indication of what is to come; a predecessor or early stage of something

synonym: predecessor, antecedent, precursor

forerunner of technology, (2) forerunner in the field
 The steam engine was a forerunner to modern locomotives.

bulky

 adj. taking up much space or being difficult to move because of its size or weight; large and unwieldy

synonym: large, cumbersome, unwieldy

(1) bulky material, (2) bulky packaging

The **bulky** furniture made it difficult to move around the small room.

swallow

to make food, drink, pills, etc., pass down your throat into your stomach; (noun) small long-winged songbird noted for swift, graceful flight and the regularity of its migrations

synonym: consume, gulp, inhale

(1) **swallow** a handful of pills, (2) a **swallow** tail **swallowed** my anger and kept quiet.

dissolve

v. to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss

synonym: disband, disappear, liquefy

(1) **dissolve** the sugar, (2) officially **dissolved** the marriage The political party **dissolved** after much internal fighting.

ethylene

- a hydrocarbon that has the formula C2H4 that is present in coal, crude oil, and natural gas
- (1) **ethylene** compound, (2) produce **ethylene** gas The metabolism of **ethylene** oxide in our bodies is not entirely known.

glycol

 a type of organic compound containing two hydroxyls (-OH) groups, often used as a coolant or antifreeze in vehicles, airplanes, and industrial processes

synonym: ethanediol, dihydric alcohol

(1) **glycol** solution, (2) **glycol-based** coolant Ethylene **glycol** is commonly used as a coolant in automobile engines because of its ability to lower the freezing point of water.

raspberry

 a sweet and tart edible fruit that grows on bushes, usually with a soft red or black color and a rough texture on the outside

synonym: blackberry, bramble, dewberry

(1) raspberry flavor, (2) raspberry tea

The **raspberry** cheesecake at that restaurant is out of this world.

flavoring

- a substance or combination of substances used to add taste or aroma to food or drink; a controlled substance used to mask the taste or odor of another substance
- synonym: spice, seasoning, essence

batter.

beverage flavoring, (2) natural flavoring
 The recipe calls for adding a dash of vanilla flavoring to the

palatable

 adj. having a pleasant or acceptable taste; pleasing or agreeable to the mind or senses; easily tolerated or accepted

synonym: delicious, tasty, flavorful

(1) palatable food, (2) palatable solution

I'm usually a picky eater, but the seafood at this restaurant was surprisingly **palatable**.

toxic

adj. of or relating to or caused by a poison; poisonoussynonym: poisonous, harmful, contaminated

(1) **toxic** molecule, (2) exposure to **toxic** chemicals

This chemical compound is a thousand-fold more **toxic**.

antifreeze

 a substance that is added to the radiator of a vehicle or cooling system to lower the freezing point of the liquid and prevent it from freezing in cold weather

synonym: coolant, freeze inhibitor, winterizer

(1) antifreeze solution, (2) antifreeze effect

Remember to add **antifreeze** to your car's engine during the winter months.

immediately

adv. now or without delay

synonym: directly, instantly, promptly

(1) **immediately** recall a product, (2) write him an answer **immediately**

A suspension order from the court is effective **immediately**.

concoction

the mixture, often a complicated one; a preparation made by combining various ingredients

synonym: mixture, brew, composition

(1) concoction recipe, (2) coffee-milk concoction

The **concoction** of herbs and spices gave the soup a unique flavor.

crazy

adj. stupid or not sensible; very angry

synonym: insane, absurd, bizarre

(1) **crazy** about cars and racing, (2) a **crazy** scheme The rain and thunder are **crazy** today.

medicinal

adj. of or relating to the treatment or cure of disease synonym: curative, therapeutic, healing

(1) **medicinal** chemistry, (2) traditional **medicinal**The **medicinal** properties of this herb have been known to help with various ailments.

regulation

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

synonym: constraint, restriction, rule

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

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

ingredient

- n. one of the things used to make something, especially one of the foods used to make a particular dishsynonym: element, component
- (1) secret **ingredients**, (2) compound the **ingredients**Greed is the primary **ingredient** in the making of criminals.

label

 a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category

synonym: tag, mark, identifier

(1) a mailing **label**, (2) **label** a bag with my name The **label** on the food package lists the ingredients and nutritional information.

tragedy

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

synonym: disaster, adversity, calamity

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

mandate

- n. an official or authoritative instruction or command; a commission or authority to carry out a particular tasksynonym: command, instruction, authority
- (1) **mandate** obligation, (2) an Imperial **mandate**The **mandate** given to the new government is to improve the economy.

consume

v. to spend something, especially fuel, energy, or time, in a large amount

synonym: absorb, ingest, use up

(1) **consume** a large of alcohol, (2) **consume** electricity A smaller car will **consume** less fuel.

obvious

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

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

miracle

 an act or occurrence that is not explicable by natural or scientific laws and is therefore believed to be caused by God

synonym: wonder, marvel, phenomenon

(1) miracle person, (2) economic miracleThe doctors said that her recovery was a miracle.

phase

- n. any stage in a series of events, change, or developmentsynonym: degree, stage, step
- (1) enter on the last **phase**, (2) two- **phase** structure The era of the industrial revolution was a crucial **phase** of history.

synonym: regulative, managerial

random

adj. made, done, or happening without method, conscious decision, or any regular pattern

synonym: incidental, arbitrary, unanticipated

(1) a random choice, (2) bombs fell at random

To find drunk drivers, police conduct **random** tests.

regulatory

 adj. having the power to control or restrict something such as business or industry according to rules or principles

(1) **regulatory** cells, (2) compliance with **regulatory** requirements

In the past, Japanese banks were protected by **regulatory** control.

separate

- v. to force, take, or pull apart; mark as different synonym: disunite, isolate, ramify
- (1) **separate** video into chapter, (2) **separate** cream from milk

We need to **separate** the aspect of his personality from the part of his competence when making an investment decision.

fake

adj. not genuine; fraudulent or counterfeitsynonym: affected, bogus, counterfeit

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

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

institutional

adj. of, in, or relating to a large important organization, such as a university or bank; organized as or forming part of the standard systems, practices, etc.

synonym: corporate, governmental

(1) **institutional** bank, (2) address **institutional** constraints We have to discuss the **institutional** reforms of our country.

increasingly

adv. more and more

synonym: more and more, progressively

(1) **increasingly** become common, (2) face **increasingly** complicated challenges

Our company found it **increasingly** difficult to keep up with the competition.

lab

a workplace for the conduct of scientific research; a laboratory

synonym: workshop, laboratory, research chamber

(1) **lab** instrument, (2) medical **lab**

The Prime Minister will pay a courtesy visit to the Nobel laureate's **lab**.

tackle

- v. to try to deal with a complex problem or situation synonym: deal with, dive into, work on
- (1) **tackle** the issue, (2) help **tackle** climate change The government is determined to **tackle** sharp inflation.

boundary

- a real or imaginary line that marks the limit or extent of something and separates it from other things or places
 synonym: border, frontier, limitation
- (1) geographical **boundary**, (2) the **boundary** between reality and fantasy

He wandered the **boundary** between life and death by gunfire.

indefinitely

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

synonym: endlessly, permanently, perpetually

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

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

initially

adv. at the beginning; at first

synonym: originally, primarily, firstly

(1) initially anticipated, (2) diagnosed initially as a tumor

This train departed later than **initially** scheduled.

inequality

 n. the unfairness of a society in which some people have more opportunity, money, etc. than others; (mathematics) relation between two values when they are different

synonym: imbalance, prejudice, unfairness

(1) **inequality** in salary, (2) algebraic **inequality**There are several causes of economic **inequality** within societies.

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.

treatment

n. the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.

synonym: remedy, antidote, medicine

first-aid treatment, (2) treatment by diet
 The primary purpose of the treatment is pain relief.

origin

- n. the first existence or beginning of somethingsynonym: root, source, ancestor
- (1) **origin** of information, (2) racial **origin**There are various hypotheses concerning the **origin** of life.

greatly

adv. to an extraordinary extent or degree; very muchsynonym: enormously, broadly, grandly

(1) **greatly** affect the situation, (2) **greatly** support that player

They greatly admired our actions.

exacerbate

- v. to make a situation, problem, or feeling worse synonym: worsen, aggravate, escalate
- (1) exacerbate the situation, (2) exacerbate symptoms

The heat wave **exacerbated** the drought conditions.

definition

 a concise explanation of the meaning of a word, phrase, or symbol

synonym: description, connotation, meaning

(1) a precise **definition**, (2) the **definition** of a word Parallel lines are, by **definition**, lines on the same plane that never cross.

arc

- n. the shape of a portion of a circle or other curved line synonym: turn, bow, angle
- (1) the **arc** current, (2) an **arc** of a circumference A ball flew in a big **arc**.

mess

- n. a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy
 synonym: disarray, confusion, predicament
- have a whole mess,
 get into a mess
 made a frightful mess in his room.

immortality

- n. the state or quality of being able to live or last foreversynonym: endless life, timelessness, agelessness
- (1) the **immortality** of the soul, (2) achieve **immortality** Many people believe in the concept of **immortality** and an afterlife.

ordinary

- adj. not different, exceptional, or unexpected in any way, especially in quality, ability, size, or degreesynonym: mundane, prosaic, average
- (1) an **ordinary** school, (2) **ordinary** annual revenue The **ordinary** session of the Diet opened.

decision-maker

- a person who makes important decisions, especially at a high level in an organization
- (1) policy **decision-maker**, (2) act as a **decision-maker** A wealth of information does not always have a positive

impact on decision-makers.

wrestling

n. a sport in which two contestants grapple and try to throw each other to the ground

synonym: grappling, fighting, brawling

(1) wrestling match, (2) arm wrestling

He had always been interested in sumo **wrestling** and decided to try it.

immense

adj. extremely large or great

synonym: enormous, giant, huge

(1) **immense** amount, (2) **immense** pressure

He left his wife an **immense** fortune.

oversight

 the act of supervising or watching over something; a mistake caused by not paying enough attention to something

synonym: supervision, monitoring, failure

(1) environmental **oversight**, (2) **oversight** committee Due to careless **oversight**, the product was not inspected before it was shipped to the customers.

decision

 n. the act or process of making up someone's mind about something; a choice or judgment reached after considering options

synonym: choice, determination, judgment

decision authority, (2) a selfish decision
 She was struggling to make a decision between two job offers.

overreach

v. to reach too far or beyond one's limits; to fail by aiming too high or trying too hard

synonym: exceed, surpass, outdo

(1) **overreach** a goal, (2) **overreach** in her attempt The company's ambition to **overreach** and expand too quickly led to its downfall.

sensitive

adj. able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do

synonym: exposed, susceptible, keen

(1) **sensitive** documents, (2) baby with **sensitive** skin The teacher is very **sensitive** to children's feelings.

genuine

adj. real and exactly; not pretended; sincerely felt or expressed

synonym: actual, honest, unpretending

(1) a **genuine** article, (2) show **genuine** regret Is this painting **genuine** or forged?

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.

extend

- v. to broaden in scope, range, or area
- synonym: prolong, lengthen, advance
- (1) **extend** the warranty, (2) **extend** a line Her visit will **extend** from Monday to Friday.

gap

 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**.

outcome

n. the result or effect of an action, event, etc.

synonym: result, consequence, effect

(1) improved student **outcomes**, (2) a desirable **outcome** They awaited news of the **outcome** of the election.

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.

span

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

synonym: interval, period, length

- (1) the **span** of a bird's wings, (2) the average life **span** He slightly modified the **span** of training because it was just before a match.
- the length of time for which a person, animal lives, or thing exists

synonym: duration, lifetime, continuance

(1) **lifespan** extension, (2) **lifespan** retrieval curve Generally speaking, men have a shorter **lifespan** than women.

dispose

lifespan

to put things or people in a particular manner or position;
 to incline someone towards a specific activity or mood;
 throw or cast away

synonym: get rid of, arrange, set

(1) **dispose** battleships for a battle, (2) **dispose** of a used product

Generally speaking, the child is innately **disposed** to learn a language.

revolution

a large-scale attempt to overthrow the government of a country, often using violence or war;

synonym: coup, innovation, rebellion

(1) beginning of the industrial **revolution**, (2) a political **revolution**

The **revolution** by the citizen resulted in a redistribution of wealth.

Session 2: Spelling

1. bombs fell at ra m

2. pr__e number

3. a national em___m

4. su__a allergy

5. im____e amount

6. financial cr__s

7. sta cs for cancer

8. sl___y writing

9. la____y room

adj. made, done, or happening without method, conscious decision, or any regular pattern

adj. main or most important; basic

n. a design or symbol that represents a quality or idea

 an antibiotic drug that is derived from sulfanilamide (= a synthetic compound with antimicrobial properties, historically used as an antibacterial drug) and is used to treat infections, particularly bacterial infections

adj. extremely large or great

 a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken

 n. the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data

 adj. characterized by a lack of order or neatness; careless, disorganized, or careless in appearance or performance

 n. the act of washing clothes and linens; a room or area where clothes are washed and ironed

ANSWERS: 1. random, 2. prime, 3. emblem, 4. sulfa, 5. immense, 6. crisis, 7. statistics, 8. sloppy, 9. laundry

10.	diagnosed inly as a tumor	adv.	at the beginning; at first
11.	rosy tt lip	n.	a shade or small amount of a color
12.	smox epidemic	n.	a highly contagious viral disease characterized by fever, weakness, spots on the skin, and often death
13.	stup business	n.	a newly established company or business
14.	a selfish deon	n.	the act or process of making up someone's mind about something; a choice or judgment reached after considering options
15.	ime pressure	adj.	extremely large or great
16.	refion car	n.	the process of cooling or freezing something, especially food, to preserve it
17.	ine heat	adj.	(especially of a feeling) very strong; extremely sharp or severe
18.	the trd away from television	n.	a general direction in which something is changing or developing
19.	a cold cle	n.	the weather in a particular location averaged over some long period
20.	optical ilon	n.	a false idea or belief, especially about somebody or about a situation
21.	media mae	n.	a wealthy, influential, or powerful person, particularly in business or industry
22.	incumbent laer	n.	a politician or legislator who is responsible for making and changing laws

ANSWERS: 10. initially, 11. tint, 12. smallpox, 13. start-up, 14. decision, 15. immense, 16. refrigeration, 17. intense, 18. trend, 19. climate, 20. illusion, 21. magnate, 22. lawmaker

23.	inte a lawsuit	n.	an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something
24.	stp skin infection	n.	(informal shorthand for "streptococcus") a type of bacteria that can cause a range of infections, including strep throat and scarlet fever
25.	hene article	n.	a heading at the top of a newspaper or magazine story or page
26.	can box	<i>n</i> .	a lightbox or container made of cardboard, typically used for packaging or storing items
27.	die battleships for a battle	ν.	to put things or people in a particular manner or position; to incline someone towards a specific activity or mood; throw or cast away
28.	a reckless att	n.	an act or effort of trying to do something, especially something difficult
29.	fasard 10 seconds	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
30.	arm wrng	n.	a sport in which two contestants grapple and try to throw each other to the ground
31.	pon ivy	n.	a substance that can cause illness, injury, or death when ingested, inhaled, or absorbed through the skin; something harmful, malicious, or toxic; the act of damaging or ruining a relationship; (verb) to introduce a substance into something or someone

ANSWERS: 23. institute, 24. strep, 25. headline, 26. carton, 27. dispose, 28. attempt,

harmful and potentially deadly

Vocab-Builder Ref from "Steven Johnson: How humanity doubled life expectancy in a century TED Talk" (200 words)
29. fast-forward, 30. wrestling, 31. poison

32.	muke the human rights violations	v.	practices or behavior, particularly in politics or business
33.	sete cream from milk	v.	to force, take, or pull apart; mark as different
34.	why barrel	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
35.	stze chemically	v.	to make something free of all forms of life, especially bacteria or viruses, by using heat, chemicals, or radiation
36.	achieve immty	n.	the state or quality of being able to live or last forever
37.	exd the warranty	ν.	to broaden in scope, range, or area
38.	belna toxicity	n.	a poisonous plant with shiny black berries and deadly nightshade used historically for medicinal and cosmetic purposes but now mostly avoided due to its toxicity
39.	sua-based antibiotics	n.	an antibiotic drug that is derived from sulfanilamide (= a synthetic compound with antimicrobial properties, historically used as an antibacterial drug) and is used to treat infections, particularly bacterial infections
40.	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

ANSWERS: 32. muckrake, 33. separate, 34. whiskey, 35. sterilize, 36. immortality, 37. extend, 38. belladonna, 39. sulfa, 40. carbon

and is found in all plants and animals

41.	official stacs	n.	the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
42.	food det	n.	a place or a building where goods, materials, or equipment are stored, manufactured, or distributed; a transportation hub where buses or trains start or end their journeys
43.	go to the workplace by cye	n.	an interval during which a recurring sequence of events occurs; a bicycle o motorcycle
44.	he is obsed with the fear	<i>v</i> .	to fill the mind of someone continually so that one can't think of anything else
45.	sly appearance	adj.	characterized by a lack of order or neatness; careless, disorganized, or careless in appearance or performance
46.	cae barn	n.	cows, bulls, and buffalos that are raised for their milk or meat as farm animals
47.	the conce of an argument	n.	the outcome of a particular action or event, especially relative to an individual
48.	innon leader	n.	the creation of a new device or process resulting from study and experimentation
49.	ovch in her attempt	<i>v</i> .	to reach too far or beyond one's limits; to fail by aiming too high or trying too hard
50.	det a global power	<i>v</i> .	to win against somebody in a fight, war or attempt

ANSWERS: 41. statistics, 42. depot, 43. cycle, 44. obsess, 45. sloppy, 46. cattle, 47. consequence, 48. innovation, 49. overreach, 50. defeat

51.	permanent brn damage	n.	the organ inside the head that is responsible for one's movement, thought, memory, and feeling
52.	legal cot	n.	the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
53.	business mae	n.	a wealthy, influential, or powerful person, particularly in business or industry
54.	run a gry	n.	a shop that sells food and other household items
55.	development of vaes	n.	a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)
56.	gry affect the situation	adv.	to an extraordinary extent or degree; very much
57.	lay mitigate the issue	adv.	virtually entirely; to a large degree
58.	sete video into chapter	<i>v</i> .	to force, take, or pull apart; mark as different
59.	have a neve effect	adj.	having the quality of something bad or harmful; expressing refusal
60.	an undng cause of an accident	adj.	significant as a cause or basis of something but not immediately apparent or stated clearly
61.	government burcy	n.	a system of government in which most of the important decisions are made by state officials rather than by elected representatives

ANSWERS: 51. brain, 52. context, 53. magnate, 54. grocery, 55. vaccine, 56. greatly, 57. largely, 58. separate, 59. negative, 60. underlying, 61. bureaucracy

- a visual representation of information or data often used to present complicated understandable way
- a newly established company or n. business
- adj. not divided or shared with others

ANSWERS: 62. flip, 63. crazy, 64. X-ray, 65. mercury, 66. obvious, 67. laundry, 68. regulatory, 69. infographic, 70. start-up, 71. exclusive

70. early-stage st up

71. ex ve authority

ANSWERS: 72. industrialize, 73. carbon, 74. increasingly, 75. indefinitely, 76. whiskey, 77. sensitive, 78. climate, 79. extraordinary, 80. planet, 81. industrious, 82. prime

83.	I_b instrument	n.	a workplace for the conduct of scientific research; a laboratory
84.	diI information	<i>v</i> .	to purify or refine; to extract the essential elements
85.	get incly insecure	adv.	in a way that is very difficult to believe; exceedingly or extremely
86.	a mecal style of writing	adj.	operated by a machine, relating to or concerned with machinery or tools
87.	cete his election	ν.	to acknowledge a memorable or good day or event with a social gathering or enjoyable activity
88.	sense of opsm	n.	a feeling or the belief that good things will happen, or the quality of being full of hope and emphasizing the positive aspects of a situation
89.	conon recipe	n.	the mixture, often a complicated one; a preparation made by combining various ingredients
90.	environmental tht	n.	a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
91.	exve clubs	adj.	not divided or shared with others
92.	attract brd attention	adj.	very wide; general
93.	arrive and det on time	<i>v</i> .	to go away or leave, especially to start a journey

ANSWERS: 83. lab, 84. distill, 85. incredibly, 86. mechanical, 87. celebrate, 88. optimism, 89. concoction, 90. threat, 91. exclusive, 92. broad, 93. depart

be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2

name comes from the crown-like spikes on the surface of the virus, which can

ANSWERS: 94. technique, 95. revolution, 96. definition, 97. illusion, 98. obvious, 99. swallow, 100. genuine, 101. medicinal, 102. fast-forward, 103. chemistry, 104.

Vocab-Builder Ref from	"Steven Johnson:	How humanity	doubled life	expectancy in	a century	TED Talk" (200 words)
coronavirus							

105.	geographical	bo	_ry

106. de___p a skill

107. series of exp nts

108. a large st_k of paper

109. co____r the world

110. medical l_b

111. gl___l-based coolant

112. cor____us antibody test kit

- a real or imaginary line that marks the limit or extent of something and separates it from other things or places
- v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
- n. the scientific test conducted to observe what happens and gain new knowledge
- a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated
- v. to bring under control by force or authority
- a workplace for the conduct of scientific research; a laboratory
- a type of organic compound containing two hydroxyls (-OH) groups, often used as a coolant or antifreeze in vehicles, airplanes, and industrial processes
- n. a large family of viruses that can cause illness in humans and animals, which name comes from the crown-like spikes on the surface of the virus, which can be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2

ANSWERS: 105. boundary, 106. develop, 107. experiment, 108. stack, 109. conquer, 110. lab, 111. glycol, 112. coronavirus

explain

116. ur_n planning

adj. relating to or located in a town or city

117. me___y poisoning

n. a heavy, silvery-white metal that is

118. an Imperial ma____e

119. low-r v engine

120. he___n overdose

121. di la liquid

n. a heavy, silvery-white metal that is liquid at room temperature and is used in thermometers, electrical equipment, and other devices; (Mercury) the smallest planet and the nearest to the sun

 n. an official or authoritative instruction or command; a commission or authority to carry out a particular task

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

n. a highly addictive and illegal drug derived from morphine, typically administered by injection and often associated with serious health problems, including overdose and addiction

v. to purify or refine; to extract the essential elements

ANSWERS: 113. magnitude, 114. consume, 115. weird, 116. urban, 117. mercury, 118. mandate, 119. rev, 120. heroin, 121. distill

122. moty due to cancer	n.	the quality or state of being subject to death
123. a comed process	adj.	involving a lot of different things or parts in a way that is difficult to understand or analyze
124. a preliminary invion	n.	the act or process of thoroughly examining a crime, problem, statement, etc., to uncover the truth
125. celed paper	adj.	renowned for possessing admirable attributes
126. genon gap	n.	all the people born and living at about the same time, regarded collectively; the production of heat or electricity
127. the influence of mecal action	adj.	operated by a machine, relating to or concerned with machinery or tools
128. pede enough people	ν.	to convince or induce someone to do something by presenting a reason or argument; to sway or influence someone's decision or opinion
129. coh several times	ν.	to expel air from the lungs suddenly and noisily, often as a reaction to irritation, illness, or some other physical condition; (noun) a sudden, forceful expulsion of air from the lungs, often accompanied by a distinctive sound
130. glI solution	n.	a type of organic compound containing two hydroxyls (-OH) groups, often used as a coolant or antifreeze in vehicles, airplanes, and industrial processes

ANSWERS: 122. mortality, 123. complicated, 124. investigation, 125. celebrated, 126. generation, 127. mechanical, 128. persuade, 129. cough, 130. glycol

a conspicuous disparity or difference 131. distance g p n. separates something such as a figure, people, their opinions, situation, etc. to expel air from the lungs suddenly and 132. persistent co__h ν. noisily, often as a reaction to irritation, illness, or some other physical condition; (noun) a sudden, forceful expulsion of air from the lungs, often accompanied by a distinctive sound a state of confusion, dirtiness, or 133. get into a m s n. untidiness; (verb) to fail to do something or to make something dirty or untidy a complete list of items, often including 134. a classified ca g n. technical details and prices a person or company that specializes in 135. the mo rs and shakers n. moving goods or possessions from one location to another; a professional moving service or an individual who performs this task for friends, family members, or customers 136. historical co____t the circumstances, facts, or conditions n. that surround a particular event, situation, or statement and that give it meaning the entire length of something, such as 137. the average life s n time or space from beginning to end; the amount of space that something covers the first existence or beginning of 138. racial or n n. something

ANSWERS: 131. gap, 132. cough, 133. mess, 134. catalog, 135. mover, 136. context, 137. span, 138. origin

139. buy material	adj.	taking up much space or being difficult to move because of its size or weight; large and unwieldy
140. become increasingly comed	adj.	involving a lot of different things or parts in a way that is difficult to understand or analyze
141. unied misunderstanding	adj.	not planned or meant
142. a medicine for tubsis	n.	an infectious disease usually caused by tubercle bacteria that can attack many parts of a person's body, especially theil lungs
143. a desirable oue	n.	the result or effect of an action, event, etc.
144. men in a report	<i>v</i> .	to speak or write about something or someone briefly
145. major phacal companies	adj.	relating to the production and selling of the medical drugs
146. mah against the war	<i>v</i> .	to walk militarily with stiff, regular steps
147. a cre against smoking	n.	a series of wars fought by Christians in the middle ages to recover the holy land from the Muslims; a series of actions advancing a principle or tending toward a particular end
148. address insnal constraints	adj.	of, in, or relating to a large important organization, such as a university or bank; organized as or forming part of the standard systems, practices, etc.
149. the cabin pressure fell drally	adv.	in a very impressive manner
ANSWERS: 139 hulky 140 complicated	141	unintended 142 tuberculosis 143

ANSWERS: 139. bulky, 140. complicated, 141. unintended, 142. tuberculosis, 143. outcome, 144. mention, 145. pharmaceutical, 146. march, 147. crusade, 148. institutional, 149. dramatically

150. commercial pha_ products	cal	adj.	relating to the production and selling of the medical drugs
151. powder coe		n.	a highly addictive stimulant drug that is derived from the leaves of the coca plant, often used recreationally for its euphoric effects but also used in medicine as a local anesthetic and vasoconstrictor
152. rary flavor		n.	a sweet and tart edible fruit that grows on bushes, usually with a soft red or black color and a rough texture on the outside
153. dive the suga	ar	ν.	to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
154. the vity of th	e company	n.	the state of being strong and active; energy
155. mes vaccine		n.	a highly infectious viral disease that causes fever, red spots on the skin, and other flu-like symptoms, typically affects children
156. cete Christ	mas	<i>v</i> .	to acknowledge a memorable or good day or event with a social gathering or enjoyable activity
157. ct a charming ε	eye	<i>v</i> .	to cause light or shadow to appear on a surface; to assing or choose someone such as an actor or representative, especially by selection process
158. posty for	growth	n.	a chance that something may happen or be true

ANSWERS: 150. pharmaceutical, 151. cocaine, 152. raspberry, 153. dissolve, 154. vitality, 155. measles, 156. celebrate, 157. cast, 158. possibility

159. dit sleep	v.	to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
160. write him an answer immly	adv.	now or without delay
161. dit a well-ordered condition	ν.	to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
162. proon of disease	n.	the act or process of changing to the next stage or phase or moving forward
163. expnt design	n.	the scientific test conducted to observe what happens and gain new knowledge
164. alng statistics	adj.	causing concern or apprehension; causing a feeling of danger, harm, or emergency; unsettling or disturbing
165. infic presentation	n.	a visual representation of information or data often used to present complicated or complex concepts in a simple and understandable way
166. swI the deck	v.	to drink or consume something greedily or excessively; to dispose of liquid waste or refuse by flushing it away or feeding it to animals
167. smoking hen	n.	a highly addictive and illegal drug derived from morphine, typically administered by injection and often associated with serious health problems, including overdose and addiction

ANSWERS: 159. disrupt, 160. immediately, 161. disrupt, 162. progression, 163. experiment, 164. alarming, 165. infographic, 166. swill, 167. heroin

168. a wed dress	adj.	extraordinary, unexpected, or difficult to explain
169. empty can	n.	a lightbox or container made of cardboard, typically used for packaging or storing items
170. trnt by diet	n.	the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.
171. the g_p between ideal and reality	n.	a conspicuous disparity or difference separates something such as a figure, people, their opinions, situation, etc.
172. the genon of electricity	n.	all the people born and living at about the same time, regarded collectively; the production of heat or electricity
173. arc poisoning	n.	a poisonous chemical element that occurs naturally in some rocks and minerals and is sometimes used in pesticides and wood preservatives
174. cutting-edge innon	n.	the creation of a new device or process resulting from study and experimentation
175. crs management	n.	a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
176. a try during work	n.	an event or situation causing great loss misfortune, or destruction; a play or literature that deals with a severe and sad event and often ends with the death of the main character

ANSWERS: 168. weird, 169. carton, 170. treatment, 171. gap, 172. generation, 173. arsenic, 174. innovation, 175. crisis, 176. tragedy

177. the sn of a bird's wings	n.	the entire length of something, such as time or space from beginning to end; the amount of space that something covers
178. a remarkable achnt	n.	a thing that someone has accomplished, primarily through their effort and ability
179. orry annual revenue	adj.	not different, exceptional, or unexpected in any way, especially in quality, ability, size, or degree
180. exd a line	ν.	to broaden in scope, range, or area
181. a China-based joust	n.	a person who collects and writes news stories or articles for newspapers, magazines, radio, television, or other online media
182. conte his ego	<i>v</i> .	to make something impure, unclean, or poisonous by contact or mixture
183. orn of information	n.	the first existence or beginning of something
184. ct a ballot	v.	to cause light or shadow to appear on a surface; to assing or choose someone such as an actor or representative, especially by selection process
185. Chinese clc literature	adj.	judged or deserving to be regarded as one of the best or most important of its kind over a period of time; of a well-known type
186. tae the issue	<i>v</i> .	to try to deal with a complex problem or situation

ANSWERS: 177. span, 178. achievement, 179. ordinary, 180. extend, 181. journalist, 182. contaminate, 183. origin, 184. cast, 185. classic, 186. tackle

187. ovht committee	n.	the act of supervising or watching over something; a mistake caused by not paying enough attention to something
188. natural flng	n.	a substance or combination of substances used to add taste or aroma to food or drink; a controlled substance used to mask the taste or odor of another substance
189. regry cells	adj.	having the power to control or restrict something such as business or industry according to rules or principles
190. conte with a disease	<i>v</i> .	to make something impure, unclean, or poisonous by contact or mixture
191. environmental ovht	n.	the act of supervising or watching over something; a mistake caused by not paying enough attention to something
192. proon of civilization	n.	the act or process of changing to the next stage or phase or moving forward
193. rent tax	n.	a person who lives in a particular place or has their home in a place
194. mae obligation	n.	an official or authoritative instruction or command; a commission or authority to carry out a particular task
195. a statistical cht	n.	a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea
196. men name	<i>v</i> .	to speak or write about something or someone briefly

ANSWERS: 187. oversight, 188. flavoring, 189. regulatory, 190. contaminate, 191. oversight, 192. progression, 193. resident, 194. mandate, 195. chart, 196. mention

197. economic gehy	n.	a field of science devoted to the study of the lands, features, inhabitants, and phenomena of the Earth
198. act as a decker	n.	a person who makes important decisions, especially at a high level in an organization
199. trc death	adj.	causing great sadness or suffering; very unfortunate
200. policy decker	n.	a person who makes important decisions, especially at a high level in an organization
201. refion technology	n.	the process of cooling or freezing something, especially food, to preserve it
202. have a whole ms	n.	a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy
203. a ram choice	adj.	made, done, or happening without method, conscious decision, or any regular pattern
204. immly recall a product	adv.	now or without delay
205. a neve number	adj.	having the quality of something bad or harmful; expressing refusal
206. antze effect	n.	a substance that is added to the radiator of a vehicle or cooling system to lower the freezing point of the liquid and prevent it from freezing in cold weather
207. the cye of the seasons	n.	an interval during which a recurring sequence of events occurs; a bicycle or motorcycle

ANSWERS: 197. geography, 198. decision-maker, 199. tragic, 200. decision-maker, 201. refrigeration, 202. mess, 203. random, 204. immediately, 205. negative, 206. antifreeze, 207. cycle

208. beginning of the industrial revon	n.	a large-scale attempt to overthrow the government of a country, often using violence or war;
209. indely suspended	adv.	without any fixed or definite limit; for an unknown or unspecified period of time
210. rop deck	n.	the upper surface or cover of a building's roof, often used for recreational or other purposes
211. common inon	n.	the creation of a new device or process resulting from study and experimentation; the act of inventing
212. brnt idea	adj.	extremely clever, skilled, or impressive
213. the a_c current	n.	the shape of a portion of a circle or other curved line
214. hec explorers	adj.	courageous and daring; having or displaying qualities appropriate for legendary figures that is courage and daring
215. market mor	n.	a person or company that specializes in moving goods or possessions from one location to another; a professional moving service or an individual who performs this task for friends, family members, or customers
216. the gry business	n.	a shop that sells food and other household items
217. indus worker	adj.	hardworking, diligent, and persistent in effort
218. help tae climate change	<i>v</i> .	to try to deal with a complex problem or situation

ANSWERS: 208. revolution, 209. indefinitely, 210. rooftop, 211. invention, 212. brilliant, 213. arc, 214. heroic, 215. mover, 216. grocery, 217. industrious, 218. tackle

224. the at___t to rescue the hostages n. an act or effort of trying to do something, especially something difficult

225. high st__k

n. a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated

226. po__o epidemic

n. an acute infectious disease caused by a virus that attacks nerve cells in the spinal cord and brain, leading to paralysis, muscle weakness, and potentially lifelong disability

ANSWERS: 219. afford, 220. journalist, 221. argue, 222. invention, 223. belladonna, 224. attempt, 225. stack, 226. polio

- 227. de___t body odor
- 228. tr__c love stories
- 229. a cl___c experiment
- 230. a company reg____on
- 231. officially di____ved the marriage
- 232. for____er in the field
- 233. ter____ng experience
- 234. ine____ty in salary
- 235. political op___sm

- v. to win against somebody in a fight, war, or attempt
- adj. causing great sadness or suffering; very unfortunate
- adj. judged or deserving to be regarded as one of the best or most important of its kind over a period of time; of a well-known type
- an official rule made and maintained by a government or some other authority; the act of controlling or directing something according to a rule
- ν. to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
- a person or thing that comes before another and serves as a sign or indication of what is to come; a predecessor or early stage of something
- adj. very frightening or intimidating
- n. the unfairness of a society in which some people have more opportunity, money, etc. than others; (mathematics) relation between two values when they are different
- a feeling or the belief that good things will happen, or the quality of being full of hope and emphasizing the positive aspects of a situation

ANSWERS: 227. defeat, 228. tragic, 229. classic, 230. regulation, 231. dissolve, 232. forerunner, 233. terrifying, 234. inequality, 235. optimism

- 236. low-fat da__y
- 237. co____r fatal disease
- 238. sub____re movement
- 239. banner he ne
- 240. t t color
- 241. ur_n property owners
- 242. bestowed bl____ngs
- 243. family em m
- 244. in___za B strain
- 245. a weather ch__t

- a room, building, or establishment where milk and milk products are produced and processed; milk and milk products, such as butter and cheese
- v. to bring under control by force or authority
- n. a distinct social group or community within a larger society that shares a set of practices, beliefs, or values that are different from those of the dominant culture
- a heading at the top of a newspaper or magazine story or page
- n. a shade or small amount of a color
- adj. relating to or located in a town or city
- a gift or favor from a higher power or force; an act or expression of approval, encouragement, or gratitude; something that brings happiness or good fortune
- n. a design or symbol that represents a quality or idea
- n. (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics
- a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea

ANSWERS: 236. dairy, 237. conquer, 238. subculture, 239. headline, 240. tint, 241. urban, 242. blessing, 243. emblem, 244. influenza, 245. chart

246. died of tubsis	n.	an infectious disease usually caused by tubercle bacteria that can attack many parts of a person's body, especially their lungs
247. student achnt	n.	a thing that someone has accomplished, primarily through their effort and ability
248. mie person	n.	an act or occurrence that is not explicable by natural or scientific laws and is therefore believed to be caused by God
249. deon authority	n.	the act or process of making up someone's mind about something; a choice or judgment reached after considering options
250. food spge	n.	the act or process of spoiling or causing something to spoil, particularly food or perishable items; the extent of damage or decay caused by spoilage
251. exl at communication	<i>v</i> .	to be extremely good at or proficient in doing something
252. lower infant moty	n.	the quality or state of being subject to death
253. buy packaging	adj.	taking up much space or being difficult to move because of its size or weight; large and unwieldy
254. lal a bag with my name	n.	a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category

ANSWERS: 246. tuberculosis, 247. achievement, 248. miracle, 249. decision, 250. spoilage, 251. excel, 252. mortality, 253. bulky, 254. label

255. det from the faith	<i>V</i> .	to go away or leave, especially to start a journey
256. etne compound	n.	a hydrocarbon that has the formula C2H4 that is present in coal, crude oil, and natural gas
257. achieve the hiic feat	adj.	famous or significant in history, or potentially so
258. appte her feedback	v.	to value and acknowledge the worth of someone or something; to be grateful for something or someone
259. funal education	adj.	forming an essential base or core from which everything else develops or is affected
260. lian retrieval curve	n.	the length of time for which a person, animal lives, or thing exists
261. arc contamination	n.	a poisonous chemical element that occurs naturally in some rocks and minerals and is sometimes used in pesticides and wood preservatives
262. a rent of the city	n.	a person who lives in a particular place or has their home in a place
263. antic allergy	n.	a substance or drug that kills or slows down the growth of bacteria
264. inly anticipated	adv.	at the beginning; at first
265. the scope of an invion	n.	the act or process of thoroughly examining a crime, problem, statement, etc., to uncover the truth
266. an Xy of arteries	n.	a type of electromagnetic radiation that has a wavelength shorter than visible light allowing hidden objects such as bones and organs inside the body to be photographed

ANSWERS: 255. depart, 256. ethylene, 257. historic, 258. appreciate, 259. fundamental, 260. lifespan, 261. arsenic, 262. resident, 263. antibiotic, 264. initially, 265. investigation, 266. X-ray

267. 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
268. exl in description	<i>v</i> .	to be extremely good at or proficient in doing something
269. erte the deficit	<i>v</i> .	to get rid of or destroy something completely, especially something bad
270. tale assets	adj.	real and concrete; able to be perceived, especially able to be touched; (of business assets) having physical substance and intrinsic monetary value
271. arbitrary burcy	n.	a system of government in which most of the important decisions are made by state officials rather than by elected representatives
272. count your blngs	n.	a gift or favor from a higher power or force; an act or expression of approval, encouragement, or gratitude; something that brings happiness or good fortune
273. subre fashion	n.	a distinct social group or community within a larger society that shares a set of practices, beliefs, or values that are different from those of the dominant culture
274. coce her to go with us	<i>v</i> .	to persuade someone or make someone believe that something is true
275. temporary meI treatment	adj.	relating to the treatment of illness or injuries; relating to the practice of medicine

ANSWERS: 267. planet, 268. excel, 269. eradicate, 270. tangible, 271. bureaucracy, 272. blessing, 273. subculture, 274. convince, 275. medical

276. female laer	n.	a politician or legislator who is responsible for making and changing laws
277. economic tht	n.	a strong indication or likelihood of harm danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
278. develop ine itching	adj.	(especially of a feeling) very strong; extremely sharp or severe
279. seve documents	adj.	able to notice slight changes, signals, o influences; able to feel or perceive other's feelings; susceptible to the things people say or do
280. indize service	<i>v</i> .	to organize the production of something into an industry
281. improved student oues	n.	the result or effect of an action, event, etc.
282. an international trd	n.	a general direction in which something is changing or developing
283. rary tea	n.	a sweet and tart edible fruit that grows on bushes, usually with a soft red or black color and a rough texture on the outside
284. pale solution	adj.	having a pleasant or acceptable taste; pleasing or agreeable to the mind or senses; easily tolerated or accepted
285. two-phe structure	n.	any stage in a series of events, change or development

ANSWERS: 276. lawmaker, 277. threat, 278. intense, 279. sensitive, 280. industrialize, 281. outcome, 282. trend, 283. raspberry, 284. palatable, 285. phase

286. a gee article	adj.	real and exactly; not pretended; sincerely felt or expressed
287. unly event	adj.	not probable or likely to happen
288. the made of the disaster	n.	the extent, level, importance, or amount of something
289. the aftermath of this try	n.	an event or situation causing great loss, misfortune, or destruction; a play or literature that deals with a severe and sad event and often ends with the death of the main character
290. muke the truth	ν.	to expose or uncover corrupt or immoral practices or behavior, particularly in politics or business
291. conory evidence	adj.	containing or consisting of conflicting or incompatible elements
292. regon by the government	n.	an official rule made and maintained by a government or some other authority; the act of controlling or directing something according to a rule
293. et a gamma ray	v.	to give off or send out something such as light, heat, sound, gas, etc.
294. brnt performance	adj.	extremely clever, skilled, or impressive
295. a mailing lal	n.	a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category
296. exate symptoms	v.	to make a situation, problem, or feeling worse

ANSWERS: 286. genuine, 287. unlikely, 288. magnitude, 289. tragedy, 290. muckrake, 291. contradictory, 292. regulation, 293. emit, 294. brilliant, 295. label, 296. exacerbate

297. carbon dioxide in the atmre	n.	the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
298. mah east	v.	to walk militarily with stiff, regular steps
299. attempt to pede	ν.	to convince or induce someone to do something by presenting a reason or argument; to sway or influence someone's decision or opinion
300. unintended conces	n.	the outcome of a particular action or event, especially relative to an individual
301. int daughter	n.	a baby or very young child
302. fe police officer	adj.	not genuine; fraudulent or counterfeit
303. bar advertising	n.	a long strip of cloth or paper bearing a symbol, logo, slogan, or another message, especially carried in a demonstration or procession or hung in a public place; a form of the online advertisement appearing on a web page
304. extary ability	adj.	exceptional, unexpected, very unusual; surpassing the ordinary or usual
305. coe overdose	n.	a highly addictive stimulant drug that is derived from the leaves of the coca plant, often used recreationally for its euphoric effects but also used in medicine as a local anesthetic and

ANSWERS: 297. atmosphere, 298. march, 299. persuade, 300. consequence, 301. infant, 302. fake, 303. banner, 304. extraordinary, 305. cocaine

vasoconstrictor

306.	loty genes	n.	the property of being long-lived; significant duration of service
307.	compound the ingnts	n.	one of the things used to make something, especially one of the foods used to make a particular dish
308.	die of a used product	ν.	to put things or people in a particular manner or position; to incline someone towards a specific activity or mood; throw or cast away
309.	cosy call	n.	polite behavior or remark that shows respect for other people
310.	he confessed drally	adv.	in a very impressive manner
311.	erte racial discrimination	<i>v</i> .	to get rid of or destroy something completely, especially something bad
312.	unied bias	adj.	not planned or meant
313.	face incgly complicated challenges	adv.	more and more
314.	an oral vae	n.	a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)
315.	apparently conory	adj.	containing or consisting of conflicting or incompatible elements
316.	algebraic inety	n.	the unfairness of a society in which some people have more opportunity, money, etc. than others; (mathematics) relation between two values when they are different

ANSWERS: 306. longevity, 307. ingredient, 308. dispose, 309. courtesy, 310. dramatically, 311. eradicate, 312. unintended, 313. increasingly, 314. vaccine, 315. contradictory, 316. inequality

317.	forer of technology	n.	a person or thing that comes before another and serves as a sign or indication of what is to come; a predecessor or early stage of something
318.	incly cheerful character	adv.	in a way that is very difficult to believe; exceedingly or extremely
319.	economic mie	n.	an act or occurrence that is not explicable by natural or scientific laws and is therefore believed to be caused by God
320.	the bory between reality and fantasy	n.	a real or imaginary line that marks the limit or extent of something and separates it from other things or places
321.	terng events	adj.	very frightening or intimidating
322.	professional staians	n.	a person who studies or is an expert in statistics
323.	enter on the last phe	n.	any stage in a series of events, change, or development
324.	beverage flng	n.	a substance or combination of substances used to add taste or aroma to food or drink; a controlled substance used to mask the taste or odor of another substance
325.	int food	n.	a baby or very young child
326.	funal rights	adj.	forming an essential base or core from which everything else develops or is affected

ANSWERS: 317. forerunner, 318. incredibly, 319. miracle, 320. boundary, 321. terrifying, 322. statistician, 323. phase, 324. flavoring, 325. infant, 326. fundamental

327. a meI opinion	adj.	relating to the treatment of illness or injuries; relating to the practice of medicine
328. posty of a major earthquake	n.	a chance that something may happen or be true
329. antze solution	n.	a substance that is added to the radiator of a vehicle or cooling system to lower the freezing point of the liquid and prevent it from freezing in cold weather
330. gry support that player	adv.	to an extraordinary extent or degree; very much
331. produce tale results	adj.	real and concrete; able to be perceived especially able to be touched; (of business assets) having physical substance and intrinsic monetary value
332. alng news	adj.	causing concern or apprehension; causing a feeling of danger, harm, or emergency; unsettling or disturbing
333. the defon of a word	n.	a concise explanation of the meaning of a word, phrase, or symbol
334. gehy class	n.	a field of science devoted to the study of the lands, features, inhabitants, and phenomena of the Earth
335. cag card	n.	a complete list of items, often including technical details and prices
336. toc molecule	adj.	of or relating to or caused by a poison; poisonous
337. coffee-milk conon	n.	the mixture, often a complicated one; a preparation made by combining various ingredients

ANSWERS: 327. medical, 328. possibility, 329. antifreeze, 330. greatly, 331. tangible, 332. alarming, 333. definition, 334. geography, 335. catalog, 336. toxic, 337. concoction

- 338. weapon de__t
- 339. a he___c poem
- 340. de___p a strategy

- 341. sm___ox vaccine
- 342. an or ry school
- 343. social he____cy
- 344. ca___e hide
- 345. f p a coin
- 346. the ch ry of soil

- a place or a building where goods, materials, or equipment are stored, manufactured, or distributed; a transportation hub where buses or trains start or end their journeys
- adj. courageous and daring; having or displaying qualities appropriate for legendary figures that is courage and daring
- v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
- a highly contagious viral disease characterized by fever, weakness, spots on the skin, and often death
- adj. not different, exceptional, or unexpected in any way, especially in quality, ability, size, or degree
- n. the state of being hesitant or unsure; a delay or reluctance to act or make a decision
- cows, bulls, and buffalos that are raised for their milk or meat as farm animals
- to turn over into a different position quickly; to throw or toss with a light motion
- n. the branch of the natural sciences dealing with the composition of substances and their properties and reactions

ANSWERS: 338. depot, 339. heroic, 340. develop, 341. smallpox, 342. ordinary, 343. hesitancy, 344. cattle, 345. flip, 346. chemistry

347. mes outbreak	n.	a highly infectious viral disease that causes fever, red spots on the skin, and other flu-like symptoms, typically affects children
348. hiic accomplishment	adj.	famous or significant in history, or potentially so
349. an epidemic outbreak of inza	n.	(formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics
350. pon bilateral relations	n.	a substance that can cause illness, injury, or death when ingested, inhaled, or absorbed through the skin; something harmful, malicious, or toxic; the act of damaging or ruining a relationship; (verb) to introduce a substance into something or someone harmful and potentially deadly
351. environmental staian	n.	a person who studies or is an expert in statistics
352. meal chemistry	adj.	of or relating to the treatment or cure of disease
353. ovch a goal	v.	to reach too far or beyond one's limits; to fail by aiming too high or trying too hard
354. produce etne gas	n.	a hydrocarbon that has the formula C2H4 that is present in coal, crude oil, and natural gas
355. first-aid trnt	n.	the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.

ANSWERS: 347. measles, 348. historic, 349. influenza, 350. poison, 351. statistician, 352. medicinal, 353. overreach, 354. ethylene, 355. treatment

356. a convivial atmre	n.	the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
357. the star-spangled bar	n.	a long strip of cloth or paper bearing a symbol, logo, slogan, or another message, especially carried in a demonstration or procession or hung in a public place; a form of the online advertisement appearing on a web page
358. r_v up the crowd	n.	a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number or rotations per minute
359. secret ingnts	n.	one of the things used to make something, especially one of the foods used to make a particular dish
360. sww a handful of pills	v.	to make food, drink, pills, etc., pass down your throat into your stomach; (noun) small long-winged songbird noted for swift, graceful flight and the regularity of its migrations
361. antic resistance	n.	a substance or drug that kills or slows down the growth of bacteria
362. environmental cre	n.	a series of wars fought by Christians in the middle ages to recover the holy land from the Muslims; a series of actions advancing a principle or tending toward a particular end

ANSWERS: 356. atmosphere, 357. banner, 358. rev, 359. ingredient, 360. swallow, 361. antibiotic, 362. crusade

363. vi____ty of youth the state of being strong and active; n. energy 364. it is un____ly that he would win the adj. not probable or likely to happen game 365. co e electricity to spend something, especially fuel, ν. energy, or time, in a large amount a sweet, thick liquid made by dissolving 366. maple sy p n. sugar in water, often flavored with fruit, spices, or other ingredients an acute infectious disease caused by a 367. po__o eradication n. virus that attacks nerve cells in the spinal cord and brain, leading to paralysis, muscle weakness, and potentially lifelong disability to have enough money or time to be 368. af___d to buy a new car ν. able to buy or do something an organization that has a specific 369. research in____tes n. purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something 370. st__p bacteria (informal shorthand for "streptococcus") n. a type of bacteria that can cause a range of infections, including strep throat and scarlet fever a room, building, or establishment 371. imported da y product n. where milk and milk products are produced and processed; milk and milk products, such as butter and cheese

ANSWERS: 363. vitality, 364. unlikely, 365. consume, 366. syrup, 367. polio, 368. afford, 369. institute, 370. strep, 371. dairy

372. spread of f e news adj. not genuine; fraudulent or counterfeit 373. have no he____cy in making the state of being hesitant or unsure; a n. delay or reluctance to act or make a requests decision to give off or send out something such 374. e t air pollution as light, heat, sound, gas, etc. polite behavior or remark that shows 375. fail to show co sy n. respect for other people 376. li an extension the length of time for which a person, n. animal lives, or thing exists the organ inside the head that is 377. basic br n function n. responsible for one's movement, thought, memory, and feeling to make a situation, problem, or feeling 378. exa____te the situation 379. ro____p live the upper surface or cover of a n. building's roof, often used for recreational or other purposes adj. significant as a cause or basis of 380. an und ng motive something but not immediately apparent or stated clearly 381. the imm____ty of the soul the state or quality of being able to live or last forever 382. sw__l beer to drink or consume something greedily or excessively; to dispose of liquid waste or refuse by flushing it away or feeding it to animals

ANSWERS: 372. fake, 373. hesitancy, 374. emit, 375. courtesy, 376. lifespan, 377. brain, 378. exacerbate, 379. rooftop, 380. underlying, 381. immortality, 382. swill, 383. convince

ν.

383. co ce an opponent

to persuade someone or make

someone believe that something is true

384. a teue in martial arts	n.	a particular way or art of doing something that needs skill
385. a brd mind	adj.	very wide; general
386. celed artist	adj.	renowned for possessing admirable attributes
387. bacterial spge	n.	the act or process of spoiling or causing something to spoil, particularly food or perishable items; the extent of damage or decay caused by spoilage
388. stze surfaces	ν.	to make something free of all forms of life, especially bacteria or viruses, by using heat, chemicals, or radiation
389. obs over her weight	<i>v</i> .	to fill the mind of someone continually so that one can't think of anything else
390. syp bottle	n.	a sweet, thick liquid made by dissolving sugar in water, often flavored with fruit, spices, or other ingredients
391. appte the value	ν.	to value and acknowledge the worth of someone or something; to be grateful for something or someone
392. are passionately	ν.	to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others
393. an a_c of a circumference	n.	the shape of a portion of a circle or other curved line
394. cry about cars and racing	adj.	stupid or not sensible; very angry
395. insnal bank	adj.	of, in, or relating to a large important organization, such as a university or bank; organized as or forming part of the standard systems, practices, etc.

ANSWERS: 384. technique, 385. broad, 386. celebrated, 387. spoilage, 388. sterilize, 389. obsess, 390. syrup, 391. appreciate, 392. argue, 393. arc, 394. crazy, 395. institutional

396.	wr_	ng	match
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397. pa____le food

398. lo____ty crisis

399. exposure to to__c chemicals

400. la___y accepted

- a sport in which two contestants grapple and try to throw each other to the ground
- adj. having a pleasant or acceptable taste;
 pleasing or agreeable to the mind or senses; easily tolerated or accepted
- *n.* the property of being long-lived; significant duration of service
- adj. of or relating to or caused by a poison; poisonous
- adv. virtually entirely; to a large degree

ANSWERS: 396. wrestling, 397. palatable, 398. longevity, 399. toxic, 400. largely

Session 3: Fill in the Blanks

1.	Many people believe in the concept of and an afterlife.
n.	the state or quality of being able to live or last forever
2.	The food chain causes a material
n.	an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
3.	This flower has milky white petals with a pink on its edges.
n.	a shade or small amount of a color
4.	The mRNA was approved in less than a year because it did not contain the fragments of the target virus.
n.	a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)
5.	Many people are working together to close the gender
n.	a conspicuous disparity or difference separates something such as a figure, people, their opinions, situation, etc.
6.	The Chinese word for comprises two characters, one for danger and the other for opportunity.
n.	a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
7.	The billionaire donated millions to charity last year.
n.	a wealthy, influential, or powerful person, particularly in business or industry
ΔΝ	SWERS: 1. immortality, 2. cycle, 3. tint, 4. vaccine, 5. gap, 6. crisis, 7. magnate
, 11 4	2.1.2

ANSWERS: 98. palatable, 99. random, 100. cast, 101. boundary, 102. span, 103. arsenic, 104. sterilized

ANSWERS: 138. poison, 139. wrestling, 140. prime, 141. urban, 142. dairy, 143. geography, 144. bulky, 145. spoilage

perishable items; the extent of damage or decay caused by spoilage

the act or process of spoiling or causing something to spoil, particularly food or

ANSWERS: 153. lab, 154. obvious, 155. generation, 156. dramatically, 157. tangible, 158. chemistry, 159. brain, 160. atmosphere

ANSWERS: 169. distill, 170. increasingly, 171. syrup, 172. extraordinary, 173. weird, 174. celebrated, 175. tragic, 176. eradicate, 177. genuine, 178. separate

ANSWERS: 179. immediately, 180. contaminate, 181. forerunner, 182. oversight, 183. indefinitely, 184. headline, 185. start-up, 186. possibility, 187. smallpox