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Vocabulary Builder Reference from...

Jens Burchardt: How we can curb climate change by spending two percent more on everything | TED Talk https://www.ted.com/talks/jens_burchardt_how_we_c an_curb_climate_change_by_spending_two_percent _more_on_everything



All Words

IMPORTANT

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Session 1: Word List

lump

 a small, irregularly shaped mass or piece, typically of a soft substance such as coal, flour, or dough

synonym: mass, clump, ball

(1) **lump** in the throat, (2) single **lump** sum

There is a small **lump** on my neck, and I'm concerned about it.

coal

 a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat

synonym: ember

(1) a **coal-fired** ship, (2) construction of new **coal** plants We combust **coal** and other fossil fuels to generate electricity.

high-end

adj. of the highest quality or luxury, often used to describe expensive or exclusive products or services

synonym: top-of-the-line, upscale, premium

(1) high-end hotels, (2) high-end technology

The boutique sold **high-end** clothing and accessories for affluent customers.

carbon

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

Trees absorb **carbon** dioxide and give off oxygen.

steel

 a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure

synonym: iron

(1) magnetic steel, (2) steel beam

This bridge is the third largest **steel** bridge in the world.

convinced

adj. completely certain about something; having a strong belief or conviction in a particular religion

synonym: confident, positive, indoctrinated

(1) **convinced** of the idea, (2) **convinced** criminal The public is **convinced** that the prime minister has

committed fraud.

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.

humble

adj. having or showing a modest or low estimate of one's quality or importance

synonym: modest, unpretentious, abject

(1) a **humble** cottage, (2) **humble** opinion

The nobler, the more **humble**.

brutal

adj. harsh or cruel

synonym: harsh, cruel, barbarous

(1) **brutal** bully, (2) **brutal** honesty

The **brutal** attack left the victim with serious injuries.

process

n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

synonym: procedure, method, system

(1) **process** improvement, (2) decision-making **process**The **process** for applying for a visa can be lengthy and complicated.

furnace

 an enclosed chamber for heating metal or glass to very high temperatures

synonym: incinerator

(1) electrical **furnace**, (2) gas-fired **furnace** In the **furnace**, the metal gleamed with radiance.

recombine

- v. to combine or put together again or differently; to cause genetic recombination (= the process by which genetic material is broken and joined to other genetic material)
- (1) **recombine** at the surface, (2) ability to **recombine**Some scientists argue that the genes in food should not be artificially **recombined**.

temperature

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

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

degree

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

synonym: level, qualification, diploma

(1) bachelor's **degree**, (2) **degree** centigrade

She received her **degree** in psychology from the university.

triumph

- a great victory or achievement
- synonym: victory, success, conquest
- (1) triumph of democracy, (2) triumph of the spirit

The team's **triumph** in the championship resulted from their hard work and dedication.

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.

human-made

- adj. created or produced by humans; artificial synonym: artificial, unnatural, manufactured
- (1) **human-made** climate change, (2) the worst **human-made** disaster

The bridge is a **human-made** structure and was built to span the river.

emission

- n. the act of production or sending out gas, heat, light, etc.synonym: emanation, radiation, discharge
- (1) global **emissions** of greenhouse gases, (2) the **emission** of light

There are five distinct emissions at five unique wavelengths.

capture

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

synonym: catch, arrest, imprison

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

pump

v. to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities

synonym:

drain, inject, send

(1) **pump** a secret out of success, (2) **pump** blood throughout the body

He was alert and could not **pump** any critical information out of him.

storage

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

synonym: storehouse, depository, warehousing

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

entirely

adv. completely

synonym: completely, fully, totally

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

Later, his claim was found to be entirely false.

hydrogen

- the chemical element that is the lightest gas is colorless, odorless, tasteless, and combines with oxygen to form water
- (1) hydrogen gas, (2) heavy hydrogenThe hydrogen and the oxygen react and then form water.

pilot

 a person who flies an aircraft, especially as a job; a person qualified to guide ships through a difficult area of water

synonym: aviator, flyer, chief

(1) a test pilot, (2) pilot production

The **pilot** exercised great care in landing.

economical

adj. providing a satisfactory return on the money, time, or effort; not using more money, fuel, etc. than necessarysynonym: frugal, thrifty, parsimonious

(1) economical use of her time, (2) an economical meal

It is more **economical** to wash your plastic bottle and reuse it.

illustrate

v. to provide pictures, photographs, diagrams, etc. in a book or something for explanation

synonym: demonstrate, explain, exemplify

(1) illustrate a key point, (2) illustrate a story

The company's financial records **illustrate** how successful it has been.

sector

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

synonym: division, department, branch

(1) industrial sector, (2) private sector

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

manufacture

v. to make goods in large numbers, usually in a factory using machines

synonym: create, fabricate, assemble

(1) **manufacture** an enzyme, (2) **manufacture** a product The majority of synthetic vitamins are **manufactured** from oil.

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.

convey

v. to express ideas, feelings, etc. so that it is known or understood by other people; to carry something from one place to another

synonym: communicate, transfer, deliver

(1) **convey** a complex idea, (2) **convey** goods by truck An ironic remark often **conveys** an intended meaning obliquely.

belt

 to sing loudly and forcefully; to hit someone or something hard; (noun) a strip of leather or other material worn to tie or buckle something around the body

synonym: sing, hit hard, (noun) strap

(1) belt him in the face, (2) leather belt

The band was **belting** out old songs in response to audience requests.

eliminate

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

renewable

adj. capable of being renewed, extended, or replaced synonym: sustainable, replaceable

renewable energy, (2) renewable subscriptions
 The production of renewable fuels requires massive volumes of fresh water.

euro

n. the official currency of most European Union countries
(1) the value of the Euro, (2) Euro crises
Some countries may leave the Euro.

intensive

- adj. involving a lot of work or activity in a short time synonym: thorough, comprehensive, in-depth
- (1) **intensive** agriculture, (2) **intensive** care

 The construction industry is labor **intensive**, although it has been somewhat automated by introducing large machinery.

operate

- v. to work in a particular way; to supervise something synonym: work, use, employ
- (1) **operate** 24 hours a day, (2) manually **operate** a machine

This machine is too difficult to **operate** for me.

fossil

 any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock

synonym: relic, remnant, antediluvian

(1) burning of **fossil** fuels, (2) a **fossil** leaf It was the **fossil** of a dinosaur tooth.

fuel

a substance that is typically burned to generate heat or energy

synonym: energy, power, gas

(1) biomass fuel, (2) smokeless fuel

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

rid

v. to make someone or something free of unwanted or unpleasant tasks, objects, or person

synonym: do away with, free, clear

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

assume

to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance

synonym: guess, presume, suppose

(1) **assume** a lousy attitude to his boss, (2) **assume** an important role

The following example **assumes** that the capacity of each battery is the same.

invest

v. to put money, effort, time, etc. into something to make a profit or achieve a result

synonym: fund, sponsor, support

(1) **invest** in stocks, (2) **invest** capital

The government should view children as national assets and actively **invest** in them.

upgrade

v. to improve the value or usefulness of something such as a machine, computer system, etc., or to replace it with something newer or of a higher standard

synonym: improve, boost, enrich

(1) **upgrade** a product, (2) **upgrade** work performance It's an excellent opportunity to **upgrade** our networking.

infrastructure

 the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies

synonym: foundation, framework

(1) IT **infrastructure**, (2) **infrastructure** cost Aging societies tend to require huge costs for **infrastructure** maintenance.

transport

- n. a system for moving people or products from one location to another using automobiles, roads, and so on synonym: shipment, transit, conveyance
- (1) **transport** facilities, (2) access to public **transport** Enhanced rail **transportation** is crucial for our business.

accord

- n. an official agreement or treaty between two organizations, countries, etc.; (verb) allow to havesynonym: alliance, pact, agreement
- (1) **accord** with public opinion, (2) binational **accord** The organization finally signed a peace **accord**.

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.

ballpark

v. a place or facility where baseball is played; a rough estimation of something

synonym: arena, proximity, vicinity

(1) ballpark price, (2) major-league ballpark

It'll be somewhere in the ballpark of \$100.

commodity

 a product or a raw material that can be traded, bought, or sold

synonym: merchandise, goods, entity

(1) commodity tax, (2) international commodity

The government announced a policy to control the rise in **commodity** prices.

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.

compete

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

synonym: contend, contest, vie

(1) **compete** against a friend, (2) **compete** fiercely

You must **compete** with others to obtain this position.

margin

 the space around the edge of a page or document;
 (finance) the net sales minus the cost of goods and services sold

synonym: edge, border, periphery

(1) margin error, (2) a profit margin

Unfortunately, the book's **margin** was too small to make notes.

profit

n. money that is earned in business or by selling things after deducting the costs involved

synonym: earnings, gain, proceeds

(1) gross profit, (2) make a profit

This business yields little **profit**.

uncomfortable

adj. providing or feeling physical discomfort or slight pain synonym: comfortless, discomforting, painful

(1) an **uncomfortable** silence, (2) with an **uncomfortable** face

His abusive words made me uncomfortable.

abate

v. to lessen, reduce, or diminish in intensity or severity; to decline or wane in amount or strength over time

synonym: decrease, diminish, reduce

(1) abate a storm, (2) abate a crisis

He tried to **abate** his anger by taking deep breaths and counting to ten.

cement

v. make fast as if with cement; (noun) a building material that is a powder made of a mixture of calcined limestone and clay, used with water, sand, and small stones to make concrete

synonym: adhesive, glue

cement a close relationship, (2) cement blend
 They are eager to cement a positive reputation.

chemical

adj. relating to or connected with chemistry;

synonym: chemic, synthetic

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

The firm has grown into a large chemical manufacturing.

messy

adj. disorganized and untidy

synonym: cluttered, disorganized, untidy

(1) messy data, (2) messy handling

His **messy** bedroom is always a source of frustration for his mother.

industrial

adj. of or relating to or resulting from industry

synonym: manufacturing, mechanical

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

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

aviation

 the activity or process of designing, building, flying, and maintaining aircraft

synonym: flying, flight, aeronautics

(1) global aviation industry, (2) civil aviation

The **aviation** expert analyzed the fluid around the aircraft.

distance

n. the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance

synonym: space, gap, span

(1) driving distance, (2) social distance

The marathon runner covered a long **distance** in a short amount of time.

dilemma

 a situation in which a difficult choice has to be made between two or more options, especially that are equally unfavorable ones

synonym: difficulty, plight, predicament

(1) chicken-and-egg dilemma, (2) be in a dilemma

The choice between bureaucracy and adhocracy represents a common **dilemma**.

discuss

 to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic

synonym: talk about, converse, debate

(1) **discuss** options, (2) **discuss** solutions

We need to **discuss** the next steps for the project during our meeting tomorrow.

decarbonize

 to stop or reduce emitting carbon gases, especially carbon dioxide, by replacing energy made from fossil fuels with renewable energy

synonym: decoke, decarburise, decarburize

- (1) **decarbonize** their manufacturing process,
- (2) decarbonize its energy system

We have to seek methods to **decarbonize** its fossil fuel economy.

roughly

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

(1) **roughly** explain my idea, (2) **roughly** speaking Five miles is **roughly** similar to eight kilometers.

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.

threaten

 to utter intentions of injury or punishment against someone

synonym: endanger, terrorize, intimidate

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

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

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**.

urgent

adj. requiring immediate attention or action; pressing synonym: pressing, critical, immediate

an urgent telegram, (2) urgent situation
 is urgent that we leave for the airport now to catch our flight.

mutual

adj. common to or shared by two or more partiessynonym: shared, common, joint

(1) share of a **mutual** fund, (2) **mutual** efforts They cooperated for their **mutual** benefit.

lifetime

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

stalemate

 a situation in which neither side of a conflict or dispute can make progress or gain an advantage, typically resulting in a deadlock or impasse

synonym: deadlock, impasse, standstill

(1) political **stalemate**, (2) **stalemate** situation

The negotiations between the two companies reached a **stalemate**, and neither side would compromise.

invite

- v. to ask someone to come or join; to offer an opportunity or possibility for something to happen or take placesynonym: ask, request, summon
- (1) invite guests, (2) invite criticismWe want to invite you to our annual charity event.

notwithstanding

adv. despite anything to the contrary; nevertheless;(preposition) despite or in spite ofsynonym: although, however, (preposition) in spite of

- (1) notwithstanding the preceding provisions,
- (2) notwithstanding my protests

Notwithstanding his disapproval, the decree was passed.

economy

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

synonym: finance, trade, business

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

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

structure

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

synonym: construction, architecture, establishment

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

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

refrigerator

 an appliance or device used for preserving and cooling food and beverages by maintaining a low temperature within a closed compartment

synonym: fridge, cooler, icebox

(1) **refrigerator** magnet, (2) empty **refrigerator**Don't forget to put the eggs in the **refrigerator** after you've used them.

turbine

 a machine that rotates to generate power from fluids such as water or gas

synonym: engine, generator, power plant

(1) turbine energy, (2) turbine aerofoil

The wind **turbines** were spinning rapidly, generating clean energy for the nearby town.

typical

adj. having the usual characteristics or traits of a specific group of things

synonym: characteristic, usual, distinctive

(1) typical leader, (2) fairly typical symptoms

This artwork is typical of her work.

sedan

 a car with four doors and a closed roof, designed to seat a small number of passengers in comfort; a type of automobile that is larger and more luxurious than a compact or subcompact car

synonym: car, automobile, vehicle

(1) sedan car, (2) a black sedan

I prefer driving a **sedan** over a larger SUV because it's easier to park.

sake

- n. purpose; reason for wanting something donesynonym: purpose, reason, interest
- (1) for your own **sake**, (2) for the **sake** of argument He got a new job for the **sake** of his family.

argument

 a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute

synonym: debate, discourse, discussion

(1) a blazing **argument**, (2) the **argument** against capital punishment

The **argument** between the two sides over the proposed policy was heated.

stick

v. to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material

synonym: pierce, adhere, stay

(1) stick a key in a lock, (2) fire stick

You **stick** a bill in the change machine, and the coins pop out.

translate

- v. to convert or change words into another language synonym: convert, transcribe, render
- (1) **translate** a document into English, (2) **translate** the emotion to a movement

Translate the text from Italian into English.

mathematics

n. the science dealing with the logic of quantities, shapes, spaces, and arrangement

synonym: arithmetic, calculation, calculus

(1) a good grounding in **mathematics**, (2) **mathematics** competition

He has a flair for mathematics.

overhead

 the expense of maintaining something that is involved in operating a business, such as rent and heating; (adverb) above your head; in the sky

synonym: expense, upkeep, (adverb) aloft

(1) **overhead** capital, (2) a cloud passing **overhead** This merger will help them reduce **overhead** costs substantially.

assemble

- v. to collect in one place as a single group synonym: gather, congregate, collect
- (1) **assemble** your colleagues, (2) **assemble** a jigsaw puzzle

The president began to **assemble** an army.

battery

- a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
 synonym: electric cell, array, batch
- a dry battery, (2) battery charging
 The engine did not start because the battery was flat.

aluminum

- a chemical element with the symbol AI that visually resembles silver, used especially for making cooking equipment and aircraft parts
- (1) a layer of **aluminum** foil, (2) an **aluminum** alloy Some of the parts of this car are made of **aluminum** to reduce weight.

footprint

- n. a mark of a foot, shoe, or animal's foot left on a surfacesynonym: footmark, imprint, impression
- (1) footprints in the snow, (2) the footprints of an earlier

civilization

We choose transportation that has a smaller carbon footprint.

markup

n. an added cost or margin above the actual cost of a product or service often used to cover expenses and generate profit; a process of marking up, such as adding annotations or comments; the process of adding additional information or instructions to text or data to specify its structure, meaning, or presentation

synonym: addition, tag

(1) markup language, (2) markup on drugs

The **markup** on the product was so high that it was almost double the original production cost.

argue

 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.

neutral

adj. not helping or assisting either side in a conflict, argument, etc.

synonym: impartial, uninvolved, halfhearted

(1) permanently **neutral** country, (2) **neutral** colors A legislative speaker should always be **neutral**.

sunset

n. the time in the evening at which the sun begins to fall below the horizon; (verb) to expire or be terminated automatically at the end of a fixed period

synonym: evening, sundown, dusk

(1) **sunset** this function, (2) spectacular **sunset** views He is in the **sunset** of his life.

fancier

a person who is interested in or particularly fond of a particular thing

synonym

: enthusiast, aficionado, connoisseur

(1) a bird **fancier**, (2) known as a **fancier** of arts

He is a wine **fancier** and can tell the difference between red and white just by smelling it.

rim

 the edge of something in the shape of a more or less circular object

synonym: boundary, lip, edge

(1) rim of the ear, (2) crater rim

The water level was even with the basin's **rim**.

leather

 a material made from the skin of an animal, typically by tanning, and used for clothing, shoes, furniture, and other items

synonym: hide, skin, suede

(1) enameled leather, (2) leather boots

The **leather** jacket was worn in but still comfortable.

dialogue

- n. a conversation in a book, play, or filmsynonym: conversation, discussion, talk
- (1) Platonic **dialogues**, (2) the form of a **dialogue**He recorded the **dialogue** at the time of the incident.

contribute

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

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

backpack

 a bag or pack that is worn on the back, often used for carrying books, equipment, or supplies

synonym: knapsack, rucksack, pack

(1) backpacker's hostel, (2) backpacking trip

I packed my **backpack** with all the necessary camping gear

for our trip.

smartphone

- a mobile phone that functions as a computer and connects to the Internet
- (1) **smartphone** app developer, (2) **smartphone** addict Internet traffic volumes have increased significantly with the advent of **smartphones**.

jean

 a sturdy cotton twill fabric, typically blue, used for jeans and other clothing

synonym: denim, cotton, pants

(1) a **jean** skirt, (2) **jean** denim

She wore her favorite pair of jeans to the party.

locate

 to specify or determine the exact position of someone or something

synonym: discover, find, place

(1) **locate** a missing pet, (2) **locate** a tumor

The robot can accurately **locate** construction material.

chain

- n. a series of connected links or objects; a system or group of interconnected elements; a restraint or shacklesynonym: series, string, link
- (1) chain reaction, (2) supply chain

The **chain** on my bike broke, leaving me stranded.

responsible

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

synonym: accountable, answerable, liable

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

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

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

(1) decision authority, (2) a selfish decision

She was struggling to make a **decision** between two job offers.

construct

 to build or create something; to assemble or combine different parts to form something whole

synonym: build, assemble, create

(1) construct a 3D image, (2) construct a dam

He **constructs** hypotheses that no mathematician has ever imagined before.

fashion

 a style that is popular at a particular time or place; the state of being popular

synonym: style, manner, fad

(1) go out of **fashion**, (2) new **fashion** trends

That style is no longer in **fashion**.

electron

n. a tiny particle with the negative electrical charge

synonym: negatron

(1) flow of **electrons**, (2) beam of **electrons**

The outermost **electron** shell determines the chemical properties of an atom.

automotive

adj. of or relating to motor vehicles

synonym: self-propelling

(1) **automotive** manufacturing, (2) an **automotive** transport company

Our company is an **automotive** component supplier to motor manufacturers.

fraction

 a small part or item forming a piece of a whole; the quotient of two rational numbers

synonym: piece, part, fragment

(1) a **fractional** share of the vote, (2) a numerator in a **fraction**

He spent only a fraction of his earnings.

regulate

 to control something, especially by means of rules or laws

synonym: control, restrain, handle

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

aggressive

adj. behaving in an angry, energetic, or threatening way towards another person; tending to spread quicklysynonym: assertive, combative, threatening

(1) an **aggressive** war, (2) an **aggressive** tumor

An aggressive tide wrecked the ship.

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.

consequence

 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**.

fairly

adv. to a certain extent or degree; without favoring one party in an evenhanded manner

synonym: moderately, reasonably, pretty

fairly accurate, (2) have a fairly clear view
 He deals fairly with his employees.

distribute

v. to give something to a large number of individuals, or to spread or furnish something

synonym: broadcast, disperse, hand out

(1) distribute wealth evenly, (2) distribute video content

His estate was **distributed** to his sons.

supple

- adj. flexible and easy to bend or move; gracefully agile;adaptable or responsive to change or new ideassynonym: flexible, pliable, bendable
- (1) **supple** muscles, (2) **supple** leather
 The ballerina's **supple** movements left the audience mesmerized.

unbelievable

- *adj.* beyond belief or understanding and extremely surprising *synonym*: unimaginable, incredible, fantastical
- (1) **unbelievable** beauty, (2) cause **unbelievable** damage He drinks an **unbelievable** amount of beer.

cumbersome

 adj. difficult to handle or use, especially because of being large, heavy, or not effective; not elegant or graceful in expression

synonym: clumsy, awkward, bulky

(1) **cumbersome** process, (2) a **cumbersome** suitcase His **cumbersome** writing style made the reader confused.

engaging

- adj. attracting, pleasant, or charmingsynonym: alluring, interesting, engrossing
- (1) **engaging** story, (2) an **engaging** smile She was disbarred for her **engaging** in fraud.

brand

 a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning

synonym: trademark, label, symbol

(1) create a **brand** logo, (2) the **brand** of the new car There's a new **brand** of hero in the movies now.

investor

 someone who puts money or capital into something to gain financial returns

synonym: financier, banker, stockholder

(1) **investor** lawsuit, (2) a real estate **investor** Institutional **investors** refrained from buying stocks amid the booming economy.

bet

to risk money on the result of an event or a competition, such as a race or game, to get more money; to have faith or confidence in something

synonym: stake, wager, gamble

- (1) bet on a race, (2) bet my future
- I bet that you know it.

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.

overcome

to succeed in controlling or dealing with something, such as a problem or difficulty; to defeat or overwhelm someone

synonym: beat, confound, overwhelm

(1) **overcome** opponents, (2) **overcome** all difficulties He tried to **overcome** a bad reputation and win the election.

economics

the branch of social science that deals with the production, consumption, and transfer of goods and services

synonym: social science, finance, business

(1) welfare **economics**, (2) **economics** professor His class will cover an introduction to agricultural **economics**.

Session 2: Spelling

1.	manre an enzyme	<i>v</i> .	to make goods in large numbers, usually in a factory using machines
2.	fire stk	<i>v</i> .	to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
3.	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
4.	make a prt	n.	money that is earned in business or by selling things after deducting the costs involved
5.	indal alcohol	adj.	of or relating to or resulting from industry
6.	tyI leader	adj.	having the usual characteristics or traits of a specific group of things
7.	the emon of light	n.	the act of production or sending out gas, heat, light, etc.
8.	the conce of an argument	n.	the outcome of a particular action or event, especially relative to an individual
9.	decze its energy system	<i>v</i> .	to stop or reduce emitting carbon gases, especially carbon dioxide, by replacing energy made from fossil fuels with renewable energy

ANSWERS: 1. manufacture, 2. stick, 3. argue, 4. profit, 5. industrial, 6. typical, 7. emission, 8. consequence, 9. decarbonize

10. then national security	<i>v</i> .	to utter intentions of injury or punishment against someone			
11. new fan trends	n.	a style that is popular at a particular time or place; the state of being popular			
12. reftor magnet	n.	an appliance or device used for preserving and cooling food and beverages by maintaining a low temperature within a closed compartment			
13. unintended conces	n.	the outcome of a particular action or event, especially relative to an individual			
14. trh of the spirit	n.	a great victory or achievement			
15. cumme process	adj.	difficult to handle or use, especially because of being large, heavy, or not effective; not elegant or graceful in expression			
16. he was enly to blame	adv.	completely			
17. single Ip sum	n.	a small, irregularly shaped mass or piece, typically of a soft substance such as coal, flour, or dough			
18. coed of the idea	adj.	completely certain about something; having a strong belief or conviction in a particular religion			
19. a layer of alum foil	n.	a chemical element with the symbol Al that visually resembles silver, used especially for making cooking equipment and aircraft parts			
ANSWERS: 10. threaten, 11. fashion, 12. refrigerator, 13. consequence, 14. triumph,					

b-Builder Ref from "Jens Burchardt: How we can curb climate change by spending two percent more on everything | TED Talk" (126 w

15. cumbersome, 16. entirely, 17. lump, 18. convinced, 19. aluminum

v. to put money, effort, time, etc. into something to make a profit or achieve a result

 a sturdy cotton twill fabric, typically blue, used for jeans and other clothing

 a small part or item forming a piece of a whole; the quotient of two rational numbers

ANSWERS: 20. overcome, 21. aviation, 22. mathematics, 23. fuel, 24. accord, 25. aviation, 26. humble, 27. transport, 28. climate, 29. invest, 30. jean, 31. fraction

30. a j n skirt

31. a fr onal share of the vote

ANSWERS: 32. bet, 33. battery, 34. consume, 35. fancier, 36. decarbonize, 37. rid, 38. leather, 39. abate, 40. investor, 41. recombine

other genetic material)

b-Builder Ref from "Jens Burchardt: How we can curb climate change by spending two percent more on everything | TED Talk" (126 w

or slight pain

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

 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

ANSWERS: 52. illustrate, 53. carbon, 54. abate, 55. supple, 56. invite, 57. capture, 58. uncomfortable, 59. argue, 60. carbon

59. ar e a case

60. ca___n emission

ANSWERS: 61. overcome, 62. compete, 63. human-made, 64. brutal, 65. sunset, 66 typical, 67. furnace, 68. automotive, 69. economical, 70. distribute, 71. mutual, 72. convey

ANSWERS: 73. belt, 74. decision, 75. economics, 76. regulate, 77. responsible, 78. coal, 79. uncomfortable, 80. urgent, 81. manufacture, 82. refrigerator

83. matcs competition	n.	the science dealing with the logic of quantities, shapes, spaces, and arrangement
84. map language	n.	an added cost or margin above the actual cost of a product or service often used to cover expenses and generate profit; a process of marking up, such as adding annotations or comments; the process of adding additional information or instructions to text or data to specify its structure, meaning, or presentation
85. resle action	adj.	answerable or accountable for something within one's power, control, or management
86. stI beam	n.	a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
87. ase an important role	v.	to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
88. stte situation	n.	a situation in which neither side of a conflict or dispute can make progress or gain an advantage, typically resulting in a deadlock or impasse
89. roy explain my idea	adv.	approximately but not precisely; with a violent manner
90. elte contestants	ν.	to remove or get rid of someone or something
ANSWERS: 83. mathematics, 84. markup, stalemate, 89. roughly, 90. eliminate	85.	responsible, 86. steel, 87. assume, 88.

b-Builder Ref from "Jens Burchardt: How we can curb climate change by spending two percent more on everything | TED Talk" (126 w

ANSWERS: 91. contribute, 92. fairly, 93. dilemma, 94. sedan, 95. electron, 96. engaging, 97. lifetime, 98. regulate, 99. neutral, 100. turbine, 101. renewable

102. a ste battery	n.	the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information
103. gross prt	n.	money that is earned in business or by selling things after deducting the costs involved
104. r_d the body of waste products	v.	to make someone or something free of unwanted or unpleasant tasks, objects, or person
105. dis solutions	v.	to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
106. loe a missing pet	v.	to specify or determine the exact position of someone or something
107. ler boots	n.	a material made from the skin of an animal, typically by tanning, and used for clothing, shoes, furniture, and other items
108. extreme temres	n.	the degree of hotness or coldness of a thing or place
109. toxic chals	adj.	relating to or connected with chemistry;
110. asle your colleagues	v.	to collect in one place as a single group
111. diste video content	ν.	to give something to a large number of individuals, or to spread or furnish

ANSWERS: 102. storage, 103. profit, 104. rid, 105. discuss, 106. locate, 107. leather, 108. temperature, 109. chemical, 110. assemble, 111. distribute

something

ANSWERS: 112. turbine, 113. markup, 114. industrious, 115. compete, 116. stalemate, 117. pilot, 118. transport, 119. triumph, 120. brand

1	21. coed criminal	adj.	completely certain about something; having a strong belief or conviction in a particular religion
1	22. hind technology	adj.	of the highest quality or luxury, often used to describe expensive or exclusive products or services
1	23. muI efforts	adj.	common to or shared by two or more parties
1	24. enly satisfied with the meal	adv.	completely
1	25. known as a far of arts	n.	a person who is interested in or particularly fond of a particular thing
1	26. supply chn	n.	a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
1	27. global emons of greenhouse gases	n.	the act of production or sending out gas, heat, light, etc.
1	28. create a brd logo	n.	a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning
1	29. noting the preceding provisions	adv.	despite anything to the contrary; nevertheless; (preposition) despite or in spite of
1	30. for the se of argument	n.	purpose; reason for wanting something done
1	31. coty tax	n.	a product or a raw material that can be traded, bought, or sold
1	NSWERS: 121. convinced, 122. high-end 26. chain, 127. emission, 128. brand, 129 ommodity		

ANSWERS: 132. aluminum, 133. unbelievable, 134. invest, 135. intensive, 136. planet, 137. convey, 138. engaging, 139. assemble, 140. dilemma, 141. messy, 142.

process	der Ref from "Jens Burchardt:			
process				
	process			

153. Platonic diues	<i>n</i> .	a conversation in a book, play, or film
154. dis options	ν.	to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
155. the fonts of an earlier civilization	n.	a mark of a foot, shoe, or animal's foot left on a surface
156. for your own se	n.	purpose; reason for wanting something done
157. international coty	n.	a product or a raw material that can be traded, bought, or sold
158. a cumme suitcase	adj.	difficult to handle or use, especially because of being large, heavy, or not effective; not elegant or graceful in expression
159. write him an answer imm	_ly adv.	now or without delay
160. major-league bark	v.	a place or facility where baseball is played; a rough estimation of something
161. coct a 3D image	ν.	to build or create something; to assemble or combine different parts to form something whole
162. an aggve tumor	adj.	behaving in an angry, energetic, or threatening way towards another person; tending to spread quickly
163. exve authority	adj.	not divided or shared with others
164. a cloud passing ovad	n.	the expense of maintaining something that is involved in operating a business, such as rent and heating; (adverb) above your head; in the sky

ANSWERS: 153. dialogue, 154. discuss, 155. footprint, 156. sake, 157. commodity, 158. cumbersome, 159. immediately, 160. ballpark, 161. construct, 162. aggressive, 163. exclusive, 164. overhead

165. jn denim	n.	a sturdy cotton twill fabric, typically blue, used for jeans and other clothing
166. eccs professor	n.	the branch of social science that deals with the production, consumption, and transfer of goods and services
167. infure cost	n.	the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
168. pp blood throughout the body	ν.	to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities
169. the form of a diue	n.	a conversation in a book, play, or film
170. gas-fired fue	n.	an enclosed chamber for heating metal or glass to very high temperatures
171. a foI leaf	n.	any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
172. a profit man	n.	the space around the edge of a page or document; (finance) the net sales minus the cost of goods and services sold
173. driving dice	n.	the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance
174. dee centigrade	n.	a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of

ANSWERS: 165. jean, 166. economics, 167. infrastructure, 168. pump, 169. dialogue, 170. furnace, 171. fossil, 172. margin, 173. distance, 174. degree

allow to have

176. in ____ or lawsuit

n. someone who puts money or capital

into something to gain financial returns

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

n. the expense of maintaining something that is involved in operating a business, such as rent and heating; (adverb) above your head; in the sky

 a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat

n. the duration of someone's life or something's existence;

v. to remove or get rid of someone or something

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

n. a car with four doors and a closed roof, designed to seat a small number of passengers in comfort; a type of automobile that is larger and more luxurious than a compact or subcompact car

178. ov___ad capital

177. ec___y of scale

179. a c I-fired ship

180. li me benefits

181. el____te sexual barriers

182. ca____e customers' hearts

183. a black se__n

ANSWERS: 175. accord, 176. investor, 177. economy, 178. overhead, 179. coal, 180. lifetime, 181. eliminate, 182. capture, 183. sedan

ANSWERS: 184. smartphone, 185. sector, 186. backpack, 187. humble, 188. threaten, 189. locate, 190. exclusive, 191. backpack, 192. crisis, 193. renewable, 194. distance

ANSWERS: 195. recombine, 196. rim, 197. fossil, 198. economical, 199. afford, 200. smartphone, 201. pilot, 202. sector, 203. automotive, 204. chemical, 205. decision

choice or judgment reached after

considering options

206. ce t a close relationship make fast as if with cement; (noun) a ν. building material that is a powder made of a mixture of calcined limestone and clay, used with water, sand, and small stones to make concrete 207. st kakey in a lock to put something, usually a sharp ν. object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material 208. ec___y class the system by which a country or region n. produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel 209. af d to buy a new car to have enough money or time to be able to buy or do something 210. fo____nts in the snow a mark of a foot, shoe, or animal's foot n. left on a surface 211. in e criticism to ask someone to come or join; to offer ν. an opportunity or possibility for something to happen or take place the chemical element that is the lightest 212. hy____en gas gas is colorless, odorless, tasteless, and combines with oxygen to form water 213. beam of el ons a tiny particle with the negative n. electrical charge

ANSWERS: 206. cement, 207. stick, 208. economy, 209. afford, 210. footprint, 211. invite, 212. hydrogen, 213. electron

214. ope 24 hours a day	v.	to work in a particular way; to supervise something
215. Eo crises	n.	the official currency of most European Union countries
216. unbble beauty	adj.	beyond belief or understanding and extremely surprising
217. upe work performa	nce v.	to improve the value or usefulness of something such as a machine, computer system, etc., or to replace it with something newer or of a higher standard
218. cet blend	v.	make fast as if with cement; (noun) a building material that is a powder made of a mixture of calcined limestone and clay, used with water, sand, and small stones to make concrete
219. beginning of the ind revolution	_al adj.	of or relating to or resulting from industry
220. illte a key point	v.	to provide pictures, photographs, diagrams, etc. in a book or something for explanation
221. immly recall a pr	oduct adv.	now or without delay
222. biomass fI	n.	a substance that is typically burned to generate heat or energy
223. effects of cle chan-	ge n.	the weather in a particular location averaged over some long period
224. the value of the Eo	n.	the official currency of most European Union countries

ANSWERS: 214. operate, 215. euro, 216. unbelievable, 217. upgrade, 218. cement, 219. industrial, 220. illustrate, 221. immediately, 222. fuel, 223. climate, 224. euro

ANSWERS: 225. structure, 226. messy, 227. process, 228. pump, 229. neutral, 230. margin, 231. chain, 232. assume

232. as e a lousy attitude to his boss

to think or accept something to be true

begin to have power; to begin to exhibit

without having proof of it; to take or

a specific quality or appearance

233. I	bachelor's dee	n.	a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
234.	sue muscles	adj.	flexible and easy to bend or move; gracefully agile; adaptable or responsive to change or new ideas
235.	coe electricity	<i>v</i> .	to spend something, especially fuel, energy, or time, in a large amount
236.	coct a dam	v.	to build or create something; to assemble or combine different parts to form something whole
	the arnt against capital punishment	n.	a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute
238. I	brI honesty	adj.	harsh or cruel
239. ι	urt situation	adj.	requiring immediate attention or action; pressing
240. l	humde climate change	adj.	created or produced by humans; artificial
241. ı	r_m of the ear	n.	the edge of something in the shape of a more or less circular object
242. I	have a fay clear view	adv.	to a certain extent or degree; without favoring one party in an evenhanded manner
243. ı	roy speaking	adv.	approximately but not precisely; with a violent manner

ANSWERS: 233. degree, 234. supple, 235. consume, 236. construct, 237. argument, 238. brutal, 239. urgent, 240. human-made, 241. rim, 242. fairly, 243. roughly

ANSWERS: 244. lump, 245. operate, 246. planet, 247. industrialize, 248. hydrogen, 249. bet, 250. infrastructure, 251. aggressive, 252. structure

parts

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

ANSWERS:	
ANSWERS:	
ANOVERO.	

Session 3: Fill in the Blanks

1.	He recorded the at the time of the incident.
n.	a conversation in a book, play, or film
	His bedroom is always a source of frustration for his mother. disorganized and untidy
3.	Enhanced rail is crucial for our business.
n.	a system for moving people or products from one location to another using automobiles, roads, and so on
	Later, his claim was found to be false. completely
	It is more to wash your plastic bottle and reuse it. providing a satisfactory return on the money, time, or effort; not using more money, fuel, etc. than necessary
6.	The nobler, the more
adj	having or showing a modest or low estimate of one's quality or importance
7.	The water level was even with the basin's
n.	the edge of something in the shape of a more or less circular object
8.	His estate was to his sons.
v.	to give something to a large number of individuals, or to spread or furnish something
	SWERS: 1. dialogue, 2. messy, 3. transportation, 4. entirely, 5. economical, 6. nble, 7. rim, 8. distributed

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90.	In the the metal gleamed with radiance.
n.	an enclosed chamber for heating metal or glass to very high temperatures
91.	design has become more focused on human nature aspect than ever before.
adj	of or relating to or resulting from industry
92.	It's an excellent opportunity to our networking.
ν.	to improve the value or usefulness of something such as a machine, computer system, etc., or to replace it with something newer or of a higher standard
93.	He has a flair for
n.	the science dealing with the logic of quantities, shapes, spaces, and arrangement
94.	The wind were spinning rapidly, generating clean energy for the nearby town.
n.	a machine that rotates to generate power from fluids such as water or gas
95.	Unfortunately, the book's was too small to make notes.
n.	the space around the edge of a page or document; (finance) the net sales minus the cost of goods and services sold
96.	The couple began to over which restaurant to go to for dinner.
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
97.	She wore her favorite pair of to the party.
n.	a sturdy cotton twill fabric, typically blue, used for jeans and other clothing
AN	SWERS: 90. furnace, 91. Industrial, 92. upgrade, 93. mathematics, 94. turbines,
	margin, 96. argue, 97. jeans