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Vocabulary Builder Reference from...

Steve McCarroll: How data is helping us unravel the mysteries of the brain | TED Talk https://www.ted.com/talks/steve_mccarroll_how_data_is_helping_us_unravel_the_mysteries_of_the_brain



All Words

IMPORTANT

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Session 1: Word List

discovery

 the act or process of finding information, a place, or an object, or learning about something that was previously not known

synonym: finding, uncovering, detection

(1) a scientific **discovery**, (2) the great **discovery** of the century

Her research team made an important **discovery**.

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.

diagnose

v. to determine or distinguish the nature of a problem or an illness through a careful analysis

synonym: identify, analyze, interpret

(1) **diagnose** the problem, (2) **diagnose** with CT scans This device is used to **diagnose** brain cancer and other tumors.

cancer

 abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

synonym: tumor, carcinoma, malignancy

(1) cancer diagnosis, (2) cancer research

Breast **cancer** is the most common type of cancer in women.

specific

adj. clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

synonym: particular, definite, distinct

(1) **specific** instructions, (2) industry- **specific** regulations
The scientist conducted a study that provided **specific** details about the species' behavior.

molecule

 a group of two or more atoms held together by attractive forces known as chemical bonds

synonym: particle, element, atom

(1) small **molecules**, (2) **molecule** behavior

The shape of the DNA molecule is a double helix.

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.

recognize

v. to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered

synonym: acknowledge, identify, admit

(1) **recognize** talent, (2) **recognize** achievement It's important to **recognize** your strengths and weaknesses.

struggle

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

synonym: toil, strive, compete

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

He could not **struggle** against temptation.

heroically

adv. in a way that shows great bravery, courage, or self-sacrifice

synonym: bravely, fearlessly, valiantly

(1) heroically saved, (2) fight heroically

The firefighter acted **heroically** to save the family from the burning building.

biology

- the scientific study of life and the natural processes of living things
- (1) evolutionary **biology**, (2) cell and molecular **biology** In junior high school, we had to dissect a frog in **biology** class.

innovative

adj. introducing or using new methods, ideas, etc.

synonym: creative, ingenious, inventive

(1) use of **innovative** technology, (2) stylistically **innovative** works

The Prime Minister stressed the need to create **innovative** industries.

clinical

adj. of or relating to the examination and treatment of patients rather than theoretical or laboratory studies

synonym: dispassionate, analytic, scientific

(1) **clinical** surgery, (2) participate in **clinical** trials She received special **clinical** training at the hospital.

dramatically

adv. in a very impressive manner

synonym: greatly, noticeably, suddenly

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

Life expectancy has grown dramatically this century.

thanksgiving

n. an annual holiday celebrated primarily in the United States and Canada, typically observed on the fourth Thursday in November in the U.S. and on the second Monday in October in Canada, that commemorates the giving of thanks for the blessings of the previous year

synonym: gratitude, appreciation, recognition

(1) **thanksgiving** traditions, (2) **thanksgiving** parade My family gathers together every year for **thanksgiving** dinner.

vivacious

adj. lively, energetic, and full of positive spirit or enthusiasm;animated and outgoing in one's behavior and demeanorsynonym: lively, spirited, energetic

(1) **vivacious** laughter, (2) **vivacious** spirit She had a **vivacious** personality that lit up any room she entered.

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.

lethal

adj. causing or capable of causing death; extremely dangerous

synonym: destructive, fatal, brutal

(1) **lethal** injection, (2) **lethal** weapon

Malignant hypertension is the most **lethal** form of hypertension.

tense

adj. unable to relax because of being nervous or worried; stretched tight or rigid

synonym: tight, stretched, strained

tense atmosphere, (2) have a tense face
 This story makes me tense.

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**.

transform

v. to change in outward structure or looks;

synonym: alter, convert, change

(1) **transform** an education system, (2) **transform** heat into power

My father's death **transformed** my life completely.

graduate

 a person who has a first degree from university or college; (verb) to complete the first course of university or college and get a degree

synonym: alumna, alum, grad

- graduate degree program, (2) honor graduate
 Many employers hire graduate trainees to train as managers.
- disorganize
- v. to disrupt or destroy the systematic order or function of something

synonym: disrupt, demobilize, derange

(1) **disorganized** the party, (2) **disorganize** the whole country

His betrayal **disorganized** the company completely.

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.

withdrawn

adj. having retired oneself from society, company, or public life; extremely shy and quiet

synonym: aloof, detached, reserved

(1) withdrawn product, (2) become socially withdrawn

She was **withdrawn** and didn't want to talk to anyone after the breakup.

schizophrenia

 a severe mental disorder in which a person has a distorted view of reality and may experience hallucinations, delusions, and disordered thinking and behavior

synonym: psychosis, disorder, mental illness

(1) **schizophrenia** spectrum disorder, (2) **schizophrenia** treatment

The **schizophrenia** patient was experiencing severe auditory hallucinations.

drift

to move smoothly and slowly in water or air, especially as a result of outside forces, with no control over the direction

synonym: float, wander, freewheel

(1) **drift** down the stream, (2) **drift** away on a raft I **drifted** around for years in Europe before going to university.

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.

organization

a group of people who work together for a shared purpose

synonym: association, institution, community

(1) **organization** chart, (2) agricultural **organization**She is the president of a large international **organization**.

estimate

v. to guess or calculate the cost, size, value, etc. of something

synonym: calculate, gauge, evaluate

(1) **estimate** a fair value, (2) **estimate** this chicken to weigh

three pounds

We **estimated** the season's total trade deficit at \$50 billion.

brain

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

synonym: intellect, mind, encephalon

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

bipolar

- adj. of, relating to, or occurring in both polar regions; of or relating to manic depressive illness
- (1) **bipolar** depression, (2) a **bipolar** semiconductor The physician prescribed medication to treat **bipolar** disorder.

disorder

 an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions

synonym: chaos, disturbance, disease

(1) the files are in complete **disorder**, (2) people with bipolar **disorder**

The doctor prescribed some medicine for the mental **disorder**.

depression

 a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market

synonym: recession, slump, despair

(1) the Great **Depression**, (2) the root problem of her **depression**

Depression symptoms might include a decrease in appetite and weight loss.

strike

v. to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon

synonym: hit, impact, influence

(1) **strike** up a conversation, (2) **strike** a blow We **strike** to achieve more wages and safer working conditions.

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.

relation

 the way two persons or groups of people feel and act toward one another

synonym: association, linkage, connection

(1) **relation** between cause and effect, (2) **relation** of inclusion

The industrial **relations** laws were passed with little to no alteration.

suicide

n. the act of killing yourself intentionally

synonym: self-destruction, self-annihilation, felo-de-se

(1) commit suicide, (2) suicide attack

In an economically prosperous country, most male **suicide** is due to child support problems.

compromise

to settle a problem or disagreement by mutual concession

synonym: agree, settle, negotiate

(1) **compromise** the matter, (2) cannot **compromise** anymore

They never **compromised** on development despite the lack of funds.

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.

opportune

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

synonym: suitable, timely, practical

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

pursue

v. to do something or attempt to attain something over time; to follow or seek someone or something, especially in trying to catch them

synonym: seek, hunt, chase

(1) **pursue** a goal, (2) **pursue** freedoms She intends to **pursue** a political career.

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.

profound

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

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.

disease

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

synonym: illness, ailment, affliction

(1) disease prevention, (2) disease control

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

statin

 a type of drug used to lower cholesterol levels in the blood, typically by inhibiting an enzyme involved in cholesterol production

synonym: cholesterol-lowering drug

(1) take a statin pill, (2) statin therapy

The side effects of **statins** can include muscle pain and weakness.

stroke

 a medical condition in which poor blood flow to the brain causes cell death; the act of swinging or striking at a ball with a club, racket, etc.

synonym: blow

(1) suffer **stroke**, (2) a **stroke** of the putter

This year's extreme heat has resulted in many heat **stroke** cases.

narrative

 a story or a description of a series of events or process of telling a story

synonym: the tale, chronology, annals

(1) narrative poetry, (2) personal narrative

The **narrative** handles multiple plot lines and has unpredictable ends.

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.

detect

v. to find or recognize something, especially something difficult to see, hear, etc.

synonym: catch, observe, notice

(1) **detect** a bad event, (2) **detect** smuggling across borders. The security camera has **detected** four intruders.

interfere

v. to get involved in and prevent a process or activity from continuing

synonym: interpose, interrupt, hamper

(1) **interfere** in another country's affairs, (2) **interfere** with DNA synthesis

Your talking **interferes** with my work.

strategy

n. a detailed plan of action designed to achieve a long-term or overall goal.

synonym: approach, procedure, scenario

(1) military strategy, (2) develop a strategy

Our plan includes a comprehensive marketing **strategy**.

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**.

mathematics

 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.

vast

adj. enormous in size, number, amount, or quantity *synonym*: expansive, extended, boundless

(1) vast majority, (2) vast desert

A vast audience viewed the broadcast.

function

n. the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

synonym: purpose, mapping, job

(1) function properly, (2) immune function

The brain is an incredibly complex organ that controls the body's **function**.

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.

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.

animate

v. to make something full of interest and energysynonym: invigorate, energize, enliven

(1) animate the body, (2) animate his soul

The positive attitude of the supervisor animated the

discussion.

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.

obstacle

a thing that blocks one's way or prevents or hinders progress

synonym: hindrance, barrier, block

(1) an **obstacle** to progress, (2) **obstacle** avoidance The **obstacle** course was challenging but fun.

compose

v. to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it

synonym: compile, constitute, build

compose an essay, (2) compose my thoughts
 The structure is composed of three main components.

specialize

v. to become an expert in a specific career field, study, or business

synonym: narrow down, particularize

(1) **specialize** in child care, (2) **specialize** in market research

The restaurant has chefs who **specialize** in beef.

cellular

adj. of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires

synonym: organic, biological, nuclear

(1) **cellular** and molecular biology, (2) a **cellular** phone handset

This factory employs a **cellular** manufacturing system.

differ

v. to be not like someone or something in some way synonym: vary, diverge, disagree

(1) **differ** from the majority, (2) **differ** according to species The two products **differed** in their quality and price.

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.

insight

 the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like

synonym: wisdom, discernment, understanding

(1) a profound **insight**, (2) share my **insights**We gained various **insights** by analyzing the vast amount of data owned by the company.

ad-hoc

adj. created or done for a particular purpose or situation, without any prior planning or forethought; made on a temporary or as-needed basis

synonym: improvised, impromptu, makeshift

(1) ad-hoc meeting, (2) ad-hoc decision

We need an **ad-hoc** committee to address this urgent issue.

inventory

- n. a complete list of all the items or goods held in stock by a business or organization; the act of making such a list synonym: stock, supplies, goods
- (1) **inventory** control, (2) annual **inventory**The store manager took **inventory** of the products on the shelves to know what needed restocking.

grind

v. to reduce something to small particles or powder by crushing or rubbing it; to work hard over a long period of time

synonym: mill, crush, grate

(1) **grind** away at my work, (2) **grind** your teeth

She had to **grind** the coffee beans before making a fresh

cup.

smoothie

n. a thick, blended beverage made from fruits, vegetables, and often other ingredients such as yogurt, milk, or protein powder; a person, typically a man, who is suave, charming, and polished

synonym: shake, smoothie, blended drink

(1) smoothie recipe, (2) fruit smoothie

She blended strawberries, yogurt, and ice to make a delicious **smoothie** for breakfast.

individual

- n. a single person or thing, as distinct from a group synonym: person, being, self
- (1) a private **individual**, (2) **individual** freedom
 As an **individual**, he had the right to make his own decisions and live his life as he saw fit.

statistics

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

resident

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

synonym: dweller, inhabitant, inhabitant

are genuine problems.

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

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

exciting

adj. causing a lot of interest or excitement synonym: exhilarating, stimulating, thrilling

(1) **exciting** football player, (2) **exciting** news

The findings of the experiment were both **exciting** and unexpected.

diversity

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

synonym: variety, multiplicity, variousness

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

droplet

n. a small drop of liquid

synonym: bead, drip, dewdrop

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

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

molecular

 adj. of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)

synonym: microscopic, atomic

(1) **molecular** structure, (2) **molecular** biology **Molecular** weight is the sum of all the atoms.

analyze

v. to think about in-depth and evaluate to discover essential features or meaning

synonym: explore, examine, investigate

(1) **analyze** a chemical compound, (2) **analyze** your real motives

The teacher attempted to **analyze** the root cause of our mistake.

greet

v. to say hello to someone; to express welcome on meeting someone

synonym: welcome, salute, acknowledge

(1) greet a customer, (2) greet an idea

He **greeted** his friends with a warm smile and a hug.

bead

 a small, usually round object made of glass, wood, or plastic that is used for decoration or as part of jewelry

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synonym: pearl, droplet, marble

(1) a beautiful **bead**, (2) **bead** curtain

She threaded the **beads** onto the string to make a necklace.

sequence

 a series of related events, actions, numbers, etc., which have a particular order

synonym: arrangement, succession, series

(1) the **sequence** of the seasons, (2) the DNA **sequence** We do move forward with those tasks in **sequence** next week.

incorporate

- v. to include something as a part of a larger entity synonym: contain, integrate, amalgamate
- (1) **incorporate** the current trends, (2) **incorporate** technology into daily life

We will attempt to **incorporate** some of your suggestions into our future strategy.

transcript

 a written or printed version of something, especially a dictated or recorded speech, interview, or conversation; an official record of a student's coursework and grades at a school or university

synonym: record, certificate, report

academic transcript, (2) official transcript
 The court reporter was responsible for creating a transcript of the trial proceedings.

combine

- v. to join or merge to form a single thing or group synonym: coalesce, cohere, blend
- (1) **combine** chemically with another substance,
- (2) **combine** augmented reality

Hydrogen and oxygen combine to form water.

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.

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.

instruction

n. detailed direction, order, etc., on how to do or use something

synonym: education, direction, guidance

(1) individual **instruction**, (2) follow his **instructions**They needed further **instruction** to perform their duties efficiently.

scratch

 to cut or damage the surface of something or the skin with a sharp or pointed object

synonym: claw, rub, scrape

(1) **scratch** off a name, (2) **scratch** my signature Don't **scratch** your mosquito bites.

download

v. to transfer data or files from the Internet or computer network to a user's computer or device; (noun) the process of transferring data or information from a remote or central computer to a local computer or device

synonym: load, save, transfer

(1) **download** files from the Internet, (2) **download** the assignment from the website

I need to **download** the latest update for my computer's operating system.

software

 a set of computer programs and associated documentation and data for doing particular computational jobs

synonym: program, system, operating system

(1) **software** architect, (2) copyrighted **software**The company specializes in both hardware and **software**.

atlas

 a book of maps or charts; a figure in Greek mythology who bore the weight of the world on his shoulders

synonym: map, chart, gazetteer

(1) atlas map, (2) atlas of anatomy

The world **atlas** showed me the locations of all the countries.

physically

- adv. in a way related to a person's body or appearance rather than their mind
- (1) **physically** and mentally, (2) stay **physically** fit Having a **physically** healthy physique is essential for a great life.

protein

- a molecule made up of a long chain of amino acids,
 which is essential for the structure and function of the body's tissues
- (1) stress **protein**, (2) **protein** synthesis

 The body needs a certain amount of **protein** to build and repair tissues.

encode

v. to convert information into a code or format suitable for storage or transmission

synonym: transcribe, convert

(1) encode data, (2) encode information

The software can **encode** and decode encrypted messages.

recipe

 a set of instructions for preparing a dish, including the ingredients and the method of cooking

synonym: instructions, formula, method

(1) recipe book, (2) recipe collection

The **recipe** for the cake is passed down from generation to generation in her family.

vary

v. to become different in terms of size, shape, etc.

synonym: alter, contrast, differ

(1) **vary** according to the age, (2) **vary** directly with the price Maximum heart rates **vary** a lot for each individual.

precise

adj. sharply exact or accurate or delimited synonym: accurate, exact, distinct

(1) **precise** analyses, (2) estimate **precise** costs The content is **precise** and informative for me.

genetics

- the branch of biology that studies genes, genetic variation, and heredity in organisms
- (1) the science of **genetics**, (2) **genetics** discrimination He is a specialist in the **genetics** of aging.

inherit

v. to receive money, property, or a title from someone after they have died

synonym: obtain, gain, acquire

(1) **inherit** estate, (2) **inherit** ancestral property After his death, his sons **inherited** his business.

trait

- n. a particular feature of your naturesynonym: attribute, feature, quality
- chemical trait,
 personality traits
 Multiple genes may influence behavioral traits concurrently.

complexity

 the state or quality of being complicated or intricate and difficult to understand

synonym: intricacy, sophistication, elaboration

(1) cognitive **complexity**, (2) **complexity** theory The project's **complexity** made it difficult for the team to complete it on time.

interaction

the act of connecting with someone, mainly when working, playing, or spending time with them

synonym: dealings, exchange, relations

- (1) the **interaction** between man and his environment,
- (2) interaction among human beings

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The **interaction** of the two groups is good for brainstorming.

combination

a collection of things that have been combined; an assemblage of separate parts or qualities

synonym: blend, hybrid, compounding

(1) genic **combinations**, (2) **combination** number

The **combination** to the safe was a secret.

variation

 the act or state of changing; a difference or change in the way something is done, made or said

synonym: fluctuation, change, variation

(1) variation of temperature, (2) gene variation

There is a lot of **variation** in the colors of flowers in the garden.

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.

genetic

adj. of or relating to genes (= parts of the DNA in cells) or the science of genes

synonym: hereditary, genetical, inborn

(1) have **genetic** testing, (2) a **genetic** disorder Understanding protein folding is a vital step in deciphering the **genetic** code.

genome

- the complete set or sequence of genes of a human, animal, plant, or other living things
- (1) sequencing of the human **genome**, (2) **genome** analyses

The human **genome** contains approximately three billion chemical base pairs.

influence

n. the ability to affect someone's or something's character, growth, or behavior, or the effect itself

synonym: power, leverage, effect

(1) **influence** a child's future, (2) **influence** the daily life The former emperor had a particular **influence** even after he abdicated.

immune

adj. protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells

synonym: resistant, unsusceptible, unaffected

(1) **immune** from criminal prosecution, (2) the cell of the **immune** system

The vaccination does not necessarily make you completely **immune**.

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.

complement

v. to improve or make something more appealing by adding or contributing extra features to it

synonym: complete, integrate

(1) **complement** existing rules, (2) **complement** each other Our application aims to **complement** the feature of web browsers.

component

n. one of several parts that combines with others to form something bigger

synonym: element, part, factor

key component, (2) spare components for cars
 The researchers try to discover a common component in all

types of successful organizations.

debris

- n. broken or torn fragments of somethingsynonym: remains, remnants, garbage
- (1) space debris,(2) pile of debrisMarine debris is a major continuous global problem.

invite

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

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.

colleague

 one of a group of a coworker, especially in a profession or a business

synonym: coworker, associate, fellow

(1) collaborate with colleagues,(2) former colleagueI decided to seek counseling on the advice of my colleague.

synapse

- the fact or state of failing to finish an activity and of stopping using, making, or doing it
- (1) synapse circuit, (2) end at a synapseAnimals transmit nerve impulses through synapses.

prompt

v. to make someone decide to or try to do something, or to make something happen

synonym: actuate, inspire, incite

(1) **prompt** a feeling of hunger, (2) **prompt** a debate That incident **prompted** a nationwide chain reaction regarding the crackdown on illegal groups.

elimination

the act or process of removing or getting rid of something or someone

synonym: removal, eradication, extinction

(1) waste elimination, (2) an elimination tournament The government's efforts toward disease elimination have been successful in many regions.

norm

- something that is regarded as usual, typical, or standard synonym: criterion, mean, standard
- (1) **norm** of action, (2) cultural **norm** The systems we have developed has accepted as industry norms.

process

a series of actions or operations performed to achieve a n. 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.

overdrive

a gear in a vehicle that allows the engine to operate at a higher speed than the vehicle's speed, resulting in greater fuel efficiency and smoother driving; (verb) to drive or work too hard

synonym: high gear, high speed, turbocharge

(1) atrial **overdrive** pacing, (2) go into **overdrive** The car's **overdrive** function allows it to shift into a higher gear for better fuel efficiency on the highway.

excite

- to make someone feel suddenly enthusiastic or eager synonym: thrill, exhilarate, animate
- (1) **excite** the crowd, (2) **excite** rebellion The news of her promotion **excited** her.

symptom

 any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease

synonym: sign, manifestation, syndrome

(1) **symptoms** of low testosterone, (2) neurotic **symptoms** The patient displays a **symptom** of a side effect.

neuron

 a cell that is specialized to carry information within the brain and between the brain and other parts of the body

synonym: nerve cell

(1) excite the **neurons**, (2) **neuron** cell body Our body transfers information along each **neuron** using an electrical impulse.

conversation

 an informal talk between two or more people to exchange their views, ideas, information, etc.

synonym: chat, discussion, dialogue

(1) **conversation** in English, (2) a friendly **conversation** Your **conversation** reflects your thoughts.

tube

 a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape

synonym: pipe, hose, duct

(1) a capillary **tube**, (2) a glass **tube**

The tube train was packed with commuters during rush hour.

stimulus

- *n.* something that causes growth or arouses action *synonym*: incitement, inspiration, motivation
- (1) a response to a **stimulus**, (2) economic **stimulus**This book provides children with ideas and a **stimulus** for outside recreation.

diverse

adj. including numerous categories of individuals or entities; various

synonym: manifold, various, myriad

(1) diverse backgrounds, (2) a person of diverse talents

New York is a city with a diverse ethnic population.

background

 n. the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem

synonym: ground, experience, backdrop

(1) a **background** color, (2) a criminal **background**The company's hiring criteria emphasize personality, not a person's **background**.

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.

engineer

- a person whose job is designing, building, or maintaining something such as machines, structures, or software
- synonym: architect, creator, builder
- a civil engineer,
 engineer shortage
 engineer will repair my telephone tomorrow morning.

rally

- v. a public meeting of a group of people intended to arouse enthusiasm
- synonym: gathering, meetup, demonstration
- (1) **rally** in front of the embassy, (2) the preliminary **rally**There was a massive police presence at the anti-government **rally**.

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.

ignorance

n. lack of knowledge or information about a particular subject or fact

synonym: unintelligence, inexperience, unawareness

(1) **ignorance** of the law, (2) **ignorance** is bliss His **ignorance** of the situation led him to make a poor decision.

ascribe

- v. to attribute something to a particular cause or source synonym: attribute, credit, assign
- (1) **ascribe** everything to nature, (2) **ascribe** my failure to bad luck

The project's success was **ascribed** to the team's hard work.

psychology

- n. the scientific study of mind and behavior
- (1) **psychology** experiment, (2) **psychology** of crowd She had a master's degree in **psychology**.

characteristic

 a typical feature or quality that can identify, tell apart, or describe something or somebody

synonym: feature, quality, attribute

 stripes characteristic of the zebra, (2) my friend's characteristic laugh

Bananas have their characteristic taste and odor.

modern

- adj. of or belonging to the present time or recent times synonym: contemporary, stylish, current
- (1) **modern** poetry, (2) pre- **modern** agricultural society Their headquarters are in a **modern** skyscraper.

surround

- v. to be all around something or somebody synonym: encircle, encompass, envelop
- (1) **surround** a town, (2) a stone wall **surrounds** the palace On three sides, mountains **surround** the settlement.

treatment

 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

(1) first-aid treatment, (2) treatment by diet

The primary purpose of the **treatment** is pain relief.

survivor

a person who remains alive after an event in which others have died

synonym: subsister

(1) ovarian cancer **survivor**, (2) a single **survivor**The shipwreck **survivor** was rescued after floating in the ocean for three days.

grant

v. to agree to give or allow somebody

synonym: allocate, authorize, give

(1) grant a new license, (2) grant a land

The chairperson **granted** him the right to speak.

determinant

 a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

synonym: cause, factor, element

(1) environmental **determinant**, (2) a **determinant** of crop yields

One **determinant** of success is having a positive attitude and a strong work ethic.

empathy

n. the ability to share another person's feelings or experiences by imagining that person's situation

synonym: compassion, sympathy, tenderness

(1) full of **empathy**, (2) **empathy** for patients **Empathy** is also necessary to understand history.

limitless

adj. without end, limit, or boundary; infinite synonym: boundless, infinite, unrestricted

(1) for a limitless time, (2) limitless potential

The possibilities for scientific discovery are **limitless**.

Session 2: Spelling

| 1. | people with bipolar dier | n. | an untidy state or a lack of organization a physical condition or illness that causes problems with how a section of the body or brain functions |
|----|--------------------------|------------|---|
| 2. | exe rebellion | v. | to make someone feel suddenly enthusiastic or eager |
| 3. | the preliminary ray | <i>v</i> . | a public meeting of a group of people intended to arouse enthusiasm |
| 4. | stress prn | n. | a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues |
| 5. | a criminal bacnd | n. | the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem |
| 6. | matcs competition | n. | the science dealing with the logic of quantities, shapes, spaces, and arrangement |
| 7. | collaborate with coues | n. | one of a group of a coworker, especially in a profession or a business |
| 8. | a bir semiconductor | adj. | of, relating to, or occurring in both polar regions; of or relating to manic depressive illness |
| 9. | tee atmosphere | adj. | unable to relax because of being nervous or worried; stretched tight or rigid |
| | | | |

ANSWERS: 1. disorder, 2. excite, 3. rally, 4. protein, 5. background, 6. mathematics, 7. colleague, 8. bipolar, 9. tense

ANSWERS: 10. pursue, 11. process, 12. heroically, 13. diagnose, 14. eliminate, 15. norm, 16. genetics, 17. organization, 18. individual, 19. responsible

or management

Vocab-Builder Ref from "Steve McCarroll: How data is helping us unravel the mysteries of the brain | TED Talk" (148 words)

Vocab-Builder Ref from "Steve McCarroll: How data is helping us unravel the mysteries of the brain | TED Talk" (148 words)

ANSWERS: 31. strategy, 32. immune, 33. lab, 34. genetics, 35. tragedy, 36. experiment, 37. symptom, 38. opportune, 39. synapse, 40. combine

a set of instructions for preparing a dish, 41. re e collection n. including the ingredients and the method of cooking 42. sp____ic instructions adj. clearly defined or particular to a certain thing or situation; distinct, explicit, and precise 43. pre-mo___n agricultural society adj. of or belonging to the present time or recent times 44. v y directly with the price to become different in terms of size, shape, etc. 45. the int_____on between man and the act of connecting with someone, mainly when working, playing, or his environment spending time with them 46. org____ion chart a group of people who work together for n. a shared purpose 47. the great di____ry of the century the act or process of finding information, n. a place, or an object, or learning about something that was previously not known adj. including numerous categories of 48. di e backgrounds individuals or entities; various 49. stay phy____ly fit adv. in a way related to a person's body or appearance rather than their mind 50. mo____ar biology adj. of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds) to do something or attempt to attain 51. pu e a goal something over time; to follow or seek someone or something, especially in trying to catch them

ANSWERS: 41. recipe, 42. specific, 43. modern, 44. vary, 45. interaction, 46. organization, 47. discovery, 48. diverse, 49. physically, 50. molecular, 51. pursue

58. compromise, 59. opportune, 60. resident

a set of computer programs and associated documentation and data for doing particular computational jobs

n. an annual holiday celebrated primarily in the United States and Canada, typically observed on the fourth Thursday in November in the U.S. and on the second Monday in October in Canada, that commemorates the giving of thanks for the blessings of the previous year

ANSWERS: 61. brain, 62. disease, 63. software, 64. animate, 65. progression, 66. compose, 67. statistics, 68. incorporate, 69. software, 70. thanksgiving

69. copyrighted so re

70. tha____ing traditions

ANSWERS: 71. ignorance, 72. limitless, 73. cellular, 74. cancer, 75. synapse, 76. greet, 77. relation, 78. engineer, 79. stroke, 80. chemistry

innovative, 87. withdrawn, 88. lump, 89. transcript, 90. strategy

ANSWERS: 91. compromise, 92. dramatically, 93. invite, 94. function, 95. molecule, 96. drift, 97. ascribe, 98. vary, 99. inventory

list

| 100. ine criticism | ν. | to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place |
|---|------|---|
| 101. liss potential | adj. | without end, limit, or boundary; infinite |
| 102. resle for a customer service | adj. | answerable or accountable for something within one's power, control, or management |
| 103. face incgly complicated challenges | adv. | more and more |
| 104. reze talent | v. | to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered |
| 105. honor grte | n. | a person who has a first degree from university or college; (verb) to complete the first course of university or college and get a degree |
| 106. prn synthesis | n. | a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues |
| 107. psygy of crowd | n. | the scientific study of mind and behavior |
| 108. gene vaon | n. | the act or state of changing; a difference or change in the way something is done, made or said |
| 109. fruit smie | n. | a thick, blended beverage made from fruits, vegetables, and often other ingredients such as yogurt, milk, or protein powder; a person, typically a man, who is suave, charming, and |

ANSWERS: 100. invite, 101. limitless, 102. responsible, 103. increasingly, 104. recognize, 105. graduate, 106. protein, 107. psychology, 108. variation, 109. smoothie

polished

ANSWERS: 110. conversation, 111. bead, 112. mathematics, 113. bipolar, 114. vast, 115. clinical, 116. instruction, 117. component, 118. obstacle, 119. ad-hoc, 120. bead

| 121. sund a town | <i>v</i> . | to be all around something or somebody |
|--|------------|---|
| 122. conte to society | ν. | to give something, especially money or goods, to provide or achieve something together with other people |
| 123. doad files from the Internet | ν. | to transfer data or files from the Internet or computer network to a user's computer or device; (noun) the process of transferring data or information from a remote or central computer to a local computer or device |
| 124. the dity policy of the university | n. | the quality or fact of many different types of things or people being included in something; a range of different things or people |
| 125. mole behavior | n. | a group of two or more atoms held together by attractive forces known as chemical bonds |
| 126. private ser | n. | a distinct part or division of something often used to refer to a segment of an economy or industry; an area or field of work or activity |
| 127. participate in clal trials | adj. | of or relating to the examination and treatment of patients rather than theoretical or laboratory studies |
| 128. drt size | n. | a small drop of liquid |
| 129. a response to a stus | n. | something that causes growth or arouses action |
| 130. exng news | adj. | causing a lot of interest or excitement |

molecule, 126. sector, 127. clinical, 128. droplet, 129. stimulus, 130. exciting

ANSWERS: 131. vivacious, 132. determinant, 133. medicinal, 134. overdrive, 135. prime, 136. prompt, 137. complicated, 138. contribute, 139. brain, 140. norm

ANSWERS: 141. chemistry, 142. diagnose, 143. component, 144. eliminate, 145. genome, 146. strike, 147. thanksgiving, 148. cancer

| 149. ane your real motives | <i>v</i> . | to think about in-depth and evaluate to discover essential features or meaning |
|------------------------------|------------|--|
| 150. expnt design | n. | the scientific test conducted to observe what happens and gain new knowledge |
| 151. a private indal | n. | a single person or thing, as distinct from a group |
| 152. nave poetry | n. | a story or a description of a series of events or process of telling a story |
| 153. phyly and mentally | adv. | in a way related to a person's body or appearance rather than their mind |
| 154. sete cream from milk | <i>v</i> . | to force, take, or pull apart; mark as different |
| 155. gr_t a customer | <i>v</i> . | to say hello to someone; to express welcome on meeting someone |
| 156. an elion tournament | n. | the act or process of removing or getting rid of something or someone |
| 157. coe an essay | <i>v</i> . | to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it |
| 158. genic comons | n. | a collection of things that have been combined; an assemblage of separate parts or qualities |
| 159. the sece of the seasons | n. | a series of related events, actions, numbers, etc., which have a particular order |
| 160. have gec testing | adj. | of or relating to genes (= parts of the DNA in cells) or the science of genes |
| 161. conion in English | n. | an informal talk between two or more people to exchange their views, ideas, information, etc. |

ANSWERS: 149. analyze, 150. experiment, 151. individual, 152. narrative, 153. physically, 154. separate, 155. greet, 156. elimination, 157. compose, 158. combination, 159. sequence, 160. genetic, 161. conversation

| 170. ince the daily life | n. | the ability to affect someone's or something's character, growth, or behavior, or the effect itself |
|----------------------------------|------------|---|
| 171. speze in market research | <i>v</i> . | to become an expert in a specific career field, study, or business |
| 172. ray in front of the embassy | v. | a public meeting of a group of people intended to arouse enthusiasm |
| 173. lingual dity | n. | the quality or fact of many different types of things or people being included in something; a range of different things or people |
| 174. cell and molecular biy | n. | the scientific study of life and the natural processes of living things |
| 175. estimate pre costs | adj. | sharply exact or accurate or delimited |
| 176. comnt existing rules | v. | to improve or make something more appealing by adding or contributing extra features to it |
| 177. have a tee face | adj. | unable to relax because of being nervous or worried; stretched tight or rigid |
| 178. deputy pre minister | adj. | main or most important; basic |
| 179. industry-spic regulations | adj. | clearly defined or particular to a certain thing or situation; distinct, explicit, and precise |
| 180. vius spirit | adj. | lively, energetic, and full of positive spirit or enthusiasm; animated and outgoing in one's behavior and |

ANSWERS: 170. influence, 171. specialize, 172. rally, 173. diversity, 174. biology, 175. precise, 176. complement, 177. tense, 178. prime, 179. specific, 180. vivacious

demeanor

182. gr t a new license

183. me____al chemistry

184. follow his ins____ons

185. gr taland

186. a me____I opinion

187. pr___e analyses

188. at_s of anatomy

189. commit su____e

190. former co ue

191. de pa skill

- a severe mental disorder in which a person has a distorted view of reality and may experience hallucinations, delusions, and disordered thinking and behavior
- v. to agree to give or allow somebody
- adj. of or relating to the treatment or cure of disease
- n. detailed direction, order, etc., on how to do or use something
- v. to agree to give or allow somebody
- adj. relating to the treatment of illness or injuries; relating to the practice of medicine
- adj. sharply exact or accurate or delimited
- a book of maps or charts; a figure in Greek mythology who bore the weight of the world on his shoulders
- n. the act of killing yourself intentionally
- n. one of a group of a coworker, especially in a profession or a business
- 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

ANSWERS: 181. schizophrenia, 182. grant, 183. medicinal, 184. instruction, 185. grant, 186. medical, 187. precise, 188. atlas, 189. suicide, 190. colleague, 191. develop

ANSWERS: 192. inventory, 193. modern, 194. discovery, 195. encode, 196. fundamental, 197. symptom, 198. medical, 199. tube, 200. largely, 201. depression

| 202. ats map | n. | a book of maps or charts; a figure in Greek mythology who bore the weight of the world on his shoulders |
|-------------------------------|------------|---|
| 203. comty theory | n. | the state or quality of being complicated or intricate and difficult to understand |
| 204. a gec disorder | adj. | of or relating to genes (= parts of the DNA in cells) or the science of genes |
| 205. dr_t down the stream | ν. | to move smoothly and slowly in water or air, especially as a result of outside forces, with no control over the direction |
| 206. my friend's chatic laugh | n. | a typical feature or quality that can identify, tell apart, or describe something or somebody |
| 207. personality trts | n. | a particular feature of your nature |
| 208. a single suor | n. | a person who remains alive after an event in which others have died |
| 209. grd your teeth | <i>v</i> . | to reduce something to small particles or powder by crushing or rubbing it; to work hard over a long period of time |
| 210. inre with DNA synthesis | v. | to get involved in and prevent a process or activity from continuing |
| 211. drt formation | n. | a small drop of liquid |
| 212. stn therapy | n. | a type of drug used to lower cholesterol levels in the blood, typically by inhibiting an enzyme involved in cholesterol production |
| 213. grd away at my work | v. | to reduce something to small particles or powder by crushing or rubbing it; to work hard over a long period of time |

ANSWERS: 202. atlas, 203. complexity, 204. genetic, 205. drift, 206. characteristic, 207. trait, 208. survivor, 209. grind, 210. interfere, 211. droplet, 212. statin, 213. grind

ANSWERS: 214. surround, 215. psychology, 216. lethal, 217. vast, 218. complement, 219. stroke, 220. neuron, 221. lifetime, 222. schizophrenia, 223. separate, 224. differ

some way

| vocab-builder Rei Irom Steve McCarroll. How data is help | oing us u | maver the mysteries of the brain TED Talk (146 words) |
|--|-----------|---|
| 225. gee analyses | n. | the complete set or sequence of genes of a human, animal, plant, or other living things |
| 226. smie recipe | n. | a thick, blended beverage made from fruits, vegetables, and often other ingredients such as yogurt, milk, or protein powder; a person, typically a man, who is suave, charming, and polished |
| 227. leI injection | adj. | causing or capable of causing death; extremely dangerous |
| 228. stle to get the job | v. | to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction |
| 229. int estate | v. | to receive money, property, or a title from someone after they have died |
| 230. a profound int | n. | the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like |
| 231. stle against discrimination | v. | to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction |
| 232. comon number | n. | a collection of things that have been combined; an assemblage of separate parts or qualities |
| 233. develop ine itching | adj. | (especially of a feeling) very strong; extremely sharp or severe |
| | | |

ANSWERS: 225. genome, 226. smoothie, 227. lethal, 228. struggle, 229. inherit, 230. insight, 231. struggle, 232. combination, 233. intense

ANSWERS: 234. largely, 235. withdrawn, 236. background, 237. statistics, 238. economy, 239. dramatically, 240. function

a particular task or purpose

ANSWERS: 241. influence, 242. recipe, 243. profound, 244. progression, 245. engineer, 246. possibility, 247. diverse, 248. statin, 249. strike, 250. relation, 251. fundamental

affected

which everything else develops or is

ANSWERS: 252. estimate, 253. economy, 254. estimate, 255. complexity, 256. overdrive, 257. interaction, 258. disorder, 259. graduate

| 260. a prnd book | adj. | extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension |
|---|------|--|
| 261. sch my signature | v. | to cut or damage the surface of something or the skin with a sharp or pointed object |
| 262. dep a strategy | ν. | 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 |
| 263. reze achievement | ν. | to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered |
| 264. exng football player | adj. | causing a lot of interest or excitement |
| 265. adc decision | adj. | created or done for a particular purpose or situation, without any prior planning or forethought; made on a temporary or as-needed basis |
| 266. incgly become common | adv. | more and more |
| 267. trrm an education system | ν. | to change in outward structure or looks; |
| 268. det smuggling across borders | v. | to find or recognize something, especially something difficult to see, hear, etc. |
| 269. personal nave | n. | a story or a description of a series of events or process of telling a story |
| ANSWERS: 260. profound, 261. scratch, 2 | :62. | develop, 263. recognize, 264. exciting, |

265. ad-hoc, 266. increasingly, 267. transform, 268. detect, 269. narrative

| 270. waste elion | n. | the act or process of removing or getting rid of something or someone |
|---------------------------------|------------|---|
| 271. ase my failure to bad luck | <i>v</i> . | to attribute something to a particular cause or source |
| 272. evolutionary biy | n. | the scientific study of life and the natural processes of living things |
| 273. incte the current trends | <i>v</i> . | to include something as a part of a larger entity |
| 274. trrm heat into power | <i>v</i> . | to change in outward structure or looks; |
| 275. moar structure | adj. | of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds) |
| 276. ine heat | adj. | (especially of a feeling) very strong; extremely sharp or severe |
| 277. pile of des | n. | broken or torn fragments of something |
| 278. coe augmented reality | <i>v</i> . | to join or merge to form a single thing or group |
| 279. share my ints | n. | the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like |
| 280. the DNA sece | n. | a series of related events, actions, numbers, etc., which have a particular order |
| 281. die prevention | n. | a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems |
| | | |

ANSWERS: 270. elimination, 271. ascribe, 272. biology, 273. incorporate, 274. transform, 275. molecular, 276. intense, 277. debris, 278. combine, 279. insight, 280. sequence, 281. disease

| 282. posty for growth | n. | a chance that something may happen or be true |
|------------------------------|------------|---|
| 283. full of emy | n. | the ability to share another person's feelings or experiences by imagining that person's situation |
| 284. space des | n. | broken or torn fragments of something |
| 285. ane a chemical compound | v. | to think about in-depth and evaluate to discover essential features or meaning |
| 286. igce is bliss | n. | lack of knowledge or information about a particular subject or fact |
| 287. disze the whole country | <i>v</i> . | to disrupt or destroy the systematic order or function of something |
| 288. 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. |
| 289. a comed process | adj. | involving a lot of different things or parts in a way that is difficult to understand or analyze |
| 290. medical I_b | n. | a workplace for the conduct of scientific research; a laboratory |
| 291. a cear phone handset | adj. | of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires |
| 292. sue attack | n. | the act of killing yourself intentionally |
| 293. exe the crowd | <i>v</i> . | to make someone feel suddenly enthusiastic or eager |
| | | |

ANSWERS: 282. possibility, 283. empathy, 284. debris, 285. analyze, 286. ignorance, 287. disorganize, 288. treatment, 289. complicated, 290. lab, 291. cellular, 292. suicide, 293. excite

- 294. an ob____le to progress
 295. ovarian cancer su____or
 296. en___e data
- n. a thing that blocks one's way or prevents or hinders progress
- *n.* a person who remains alive after an event in which others have died
- v. to convert information into a code or format suitable for storage or transmission

ANSWERS: 294. obstacle, 295. survivor, 296. encode

Session 3: Fill in the Blanks

| 1. | X-rays revealed a small tumor in his |
|-----|---|
| n. | the organ inside the head that is responsible for one's movement, thought, memory, and feeling |
| 2. | The company specializes in both hardware and |
| n. | a set of computer programs and associated documentation and data for doing particular computational jobs |
| 3. | The patient was experiencing severe auditory hallucinations. |
| n. | a severe mental disorder in which a person has a distorted view of reality and may experience hallucinations, delusions, and disordered thinking and behavior |
| 4. | The properties of this herb have been known to help with various ailments. |
| adj | of or relating to the treatment or cure of disease |
| 5. | He is familiar with and biology. |
| n. | the branch of the natural sciences dealing with the composition of substances and their properties and reactions |
| 6. | It's important to your strengths and weaknesses. |
| v. | to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered |
| 7. | Macbeth is a famous by Shakespeare. |
| 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 |
| | SWERS: 1. brain, 2. software, 3. schizophrenia, 4. medicinal, 5. chemistry, 6. ognize, 7. tragedy |

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inventory, 14. drifted, 15. disorder

| 24 | The Prime Minister stressed the need to create industries. |
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| аа | i. introducing or using new methods, ideas, etc. |
| 25. | Having a healthy physique is essential for a great life. |
| ad | v. in a way related to a person's body or appearance rather than their mind |
| 26. | He has a flair for |
| n. | the science dealing with the logic of quantities, shapes, spaces, and arrangement |
| 27. | We gained various by analyzing the vast amount of data owned by the company. |
| n. | the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like |
| 28. | We must a new system to streamline our workflow and increase efficiency. |
| ν. | 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 |
| 29. | On three sides, mountains the settlement. |
| v. | to be all around something or somebody |
| 30. | Our company found it difficult to keep up with the competition. |
| ad | v. more and more |
| 31. | The physician prescribed medication to treat disorder. |
| adj | of, relating to, or occurring in both polar regions; of or relating to manic depressive illness |
| | SWERS: 24. innovative, 25. physically, 26. mathematics, 27. insights, 28. develop, surround, 30. increasingly, 31. bipolar |
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| 49. | He is a specialist in the of aging. |
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| n. | the branch of biology that studies genes, genetic variation, and heredity in organisms |
| 50. | This book provides children with ideas and a for outside recreation. |
| n. | something that causes growth or arouses action |
| 51. | Our plan includes a comprehensive marketing |
| n. | a detailed plan of action designed to achieve a long-term or overall goal. |
| 52. | The demonstrate that poverty and unemployment are genuine problems. |
| n. | the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data |
| 53. | Hydrogen and oxygen to form water. |
| <i>v</i> . | to join or merge to form a single thing or group |
| 54. | The Prime Minister will pay a courtesy visit to the Nobel laureate's |
| n. | a workplace for the conduct of scientific research; a laboratory |
| 55. | The chairperson him the right to speak. |
| <i>v</i> . | to agree to give or allow somebody |
| 56. | The for the cake is passed down from generation to generation in her family. |
| n. | a set of instructions for preparing a dish, including the ingredients and the method of cooking |
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| ANSWERS: 49. genetics, 50. stimulus, 51. strategy, 52. statistics, 53. combine, 54. lab, 55. granted, 56. recipe | |
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| 66. | She was and didn't want to talk to anyone after the breakup. |
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| adj | having retired oneself from society, company, or public life; extremely shy and quiet |
| 67. | The of the two groups is good for brainstorming. |
| n. | the act of connecting with someone, mainly when working, playing, or spending time with them |
| 68. | She intends to a political career. |
| v. | to do something or attempt to attain something over time; to follow or seek someone or something, especially in trying to catch them |
| 69. | The structure is of three main components. |
| v. | to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it |
| 70. | The shipwreck was rescued after floating in the ocean for three days. |
| n. | a person who remains alive after an event in which others have died |
| 71. | In junior high school, we had to dissect a frog in class. |
| n. | the scientific study of life and the natural processes of living things |
| 72. | We the season's total trade deficit at \$50 billion. |
| ν. | to guess or calculate the cost, size, value, etc. of something |
| 73. | His showed highly positive results. |
| n. | the scientific test conducted to observe what happens and gain new knowledge |
| 74. | The government's efforts toward disease have been successful in many regions. |
| n. | the act or process of removing or getting rid of something or someone |
| | SWERS: 66. withdrawn, 67. interaction, 68. pursue, 69. composed, 70. survivor, biology, 72. estimated, 73. experiments, 74. elimination |

| Vocab-Builder Ref from "Steve McCarroll: How data is helping us unravel the mysteries of the brain TED Talk" (148 word |
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| 148. The handles multiple plot lines and has unpredictable ends. |
| n. a story or a description of a series of events or process of telling a story |
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| ANSWERS: 148. narrative |
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