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Vocabulary Builder Reference from...

Mandë Holford: The power of venom -- and how it could one day save your life | TED Talk https://www.ted.com/talks/mande_holford_the_power_of_venom_and_how_it_could_one_day_save_your_life



All Words

IMPORTANT

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Session 1: Word List

snail

 a slow-moving mollusk with a spiral shell that it uses to protect its body

synonym: escargot, slug, whelk

(1) snail mail, (2) snail pace

The gardener found a **snail** slowly making its way through the lettuce patch.

sand

n. finely granulated particles of rock or mineral material typically found along beaches, deserts, or riverbeds; used in construction, landscaping, and other applications requiring drainage or abrasive action

synonym: grit, dust, powder

(1) sand dunes, (2) sand castle

The sand on the beach was warm and golden.

cone

- a geometric shape that tapers to a point at one end and has a circular base at the other end
- (1) traffic cone, (2) ice cream cone

Cone-shaped cells in the eye's retina are responsible for color vision and visual acuity.

tongue

 a moveable mass of muscle tissue covered with mucous membrane that is in the mouth; a language

synonym: lingo, language, vocabulary

(1) native tongue, (2) tongue cancer

The **tongue** is boneless, but it is as strong as bones.

proboscis

 an elongated, protruding nose, snout, or appendage, especially of certain mammals or insects, used for grasping or feeding

synonym: snout, trunk, nose

(1) mosquito **proboscis**, (2) **proboscis** structure

The butterfly used its **proboscis** to collect nectar from the flower.

subdue

- v. to conquer; to bring under control synonym: conquer, overpower, vanquish
- subdue a confusion, (2) subdue his anger
 The police used tear gas to subdue the violent crowd.

unsuspecting

adj. unaware of the presence of danger; not suspicious *synonym*: unaware, unassuming, gullible

(1) **unsuspecting** boys and girls, (2) **unsuspecting** victim The thief stole the wallet from the **unsuspecting** tourist.

predator

- n. an animal whose natural behavior is to prey on otherssynonym: vulture, bloodsucker
- (1) apex **predator**, (2) sexual **predators**The native South American animals were in danger because of the **predator's** arrival.

prey

the object of a hunt; an animal hunted or trapped for eating

synonym: target, quarry, chase

(1) **prey** of beast, (2) become **prey** to terrorists The majority of snakes swallow their **prey** whole.

interaction

- n. the act of connecting with someone, mainly when working, playing, or spending time with themsynonym: dealings, exchange, relations
- (1) the **interaction** between man and his environment,
- (2) interaction among human beings

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

escargot

 a French dish consisting of cooked snails typically served as an hors d'oeuvre (= small, bite-sized appetizers or starters typically served before a meal)

synonym: snail, helix

(1) escargot recipe, (2) baked escargot

The restaurant's **escargot** dish was a hit, with customers raving about its buttery and garlic flavor.

assassin

- n. a person who murders a prominent or well-known person for political reasons or in exchange for money
- synonym: killer, manslayer
- (1) fall victim to an **assassin**, (2) would-be **assassin**She hired an **assassin** to kill her opponent.

venom

 a toxic substance produced by an animal, typically a snake or insect, and injected into prey or an enemy by biting or stinging

synonym: poison, toxin, hating

(1) the **venom** of a lizard, (2) injected **venom**The snake's **venom** is highly toxic and can be fatal to humans.

venomous

adj. extremely poisonous or injurious; containing or producing venom; marked by deep ill will

synonym: poisonous, toxic, lethal

(1) the **venomous** jellyfish's sting, (2) have **venomous** eyes The **venomous** snake bit him, causing him to go into shock.

scorpion

 a small creature similar to an insect with a segmented body, a pair of pincers, and a long, thin tail that ends in a

venomous sting

synonym: arachnid, stinger

(1) **scorpion** fish, (2) poisonous **scorpion**

The **scorpion's** venom can be lethal to humans.

worm

- a long, thin creature with a soft and long cylindrical tube-like body, no limbs, and a lack of eyes
- (1) wiggly worms, (2) can of worms

Worms help dispose of the food waste produced by humans.

cocktail

 a drink, usually an alcoholic one, made by mixing one or more spirits (= strong alcoholic drinks) and fruit juice; an appetizer served as a first course at a meal

synonym: appetizer, beverage

(1) a light **cocktail**, (2) **cocktail** of chemicals

We invited some friends for a cocktail party.

toxic

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

(1) **toxic** molecule, (2) exposure to **toxic** chemicals This chemical compound is a thousand-fold more **toxic**.

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.

radula

- an anatomical structure utilized by mollusks that are frequently compared to a tongue
- (1) the **radula** of mollusks, (2) the growth of **radula**Many gastropods use their **radula** to rasp away at algae.

hypodermic

adj. relating to the area below the skin; referring to a method of administering drugs or vaccines through a hypodermic needle or syringe

synonym:

injectable, subcutaneous, intravenous

(1) hypodermic abscess, (2) hypodermic injection

The doctors administered the vaccine through a **hypodermic** needle.

needle

 a thin, pointed object typically used for sewing or medical purposes; a metal or plastic instrument used for administering injections or drawing blood

synonym: thorn, spike, pin

(1) **needle** prick, (2) sewing **needle**

The acupuncturist inserted **needles** into specific points on my body to alleviate my pain.

killing

n. the act of causing death; a sudden and intense force or effect that causes significant damage or destruction; a situation where someone is making a substantial amount of money or experiencing significant financial success

synonym: slaughter, homicide, assassination

(1) killing spree, (2) profit- killing

The killing of unarmed civilians is considered a war crime.

accurate

adj. correct and exact in all details

synonym: exact, precise, proper

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

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

villain

 a character in a story, movie, or play which often opposes the hero, typically characterized as immoral, evil, or cruel

synonym: scoundrel, rogue, antagonist

(1) evil villain, (2) authoritarian villain

The **villain** in the movie was a complex character with a tragic backstory.

superhero

- a fictional hero who possesses extraordinary powers and abilities and is dedicated to protecting the public
- (1) **superhero** movies, (2) **superhero** comics Superman is a classic **superhero** known for his superhuman strength and flying ability.

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**.

evolution

- n. a gradual process of transformation of living thingssynonym: elaboration, expansion, transition
- (1) human **evolution**, (2) **evolution** theory They study the **evolution** of the universe.

stretch

v. to make or be capable of making anything longer or broader without hurting or breaking

synonym: lengthen, prolong, extend

(1) **stretch** along the coast, (2) **stretch** a story Some herds have been observed to **stretch** hundreds of kilometers.

involve

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

synonym: implicate, include, engage

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

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

legitimate

- adj. accordant with or allowed by law; lawful synonym: lawful, honest, fair
- (1) a legitimate child, (2) legitimate question

Public political demonstrations are considered **legitimate** rights for citizens.

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.

warfare

n. the use of military force to achieve political, economic, or social objectives

synonym: combat, fighting, conflict

(1) warfare aircraft, (2) spiritual warfare

The country has been engaged in a prolonged conflict, with both sides using modern **warfare** tactics.

biochemical

adj. relating to the chemical processes and substances that occur within living organisms

synonym: molecular, biological

(1) **biochemical** reaction, (2) complex **biochemical Biochemical** research is essential to understanding the complex chemical reactions in living organisms.

brute

 a violent, wild, or feral animal; a person who is cruel, uncivilized, or lacking in intelligence or sensitivity; a physical force or power

synonym: beast, savage, animal

(1) **brute** beasts, (2) **brute** force

The **brute** behavior of the football players caused the game to be canceled.

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

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Molecular weight is the sum of all the atoms.

mixture

 a combination of different elements, substances, or entities, usually in non-uniform proportions, resulting in a homogeneous or heterogeneous blend of physical or chemical properties

synonym: blend, amalgam, concoction

(1) mixture of emotions, (2) perfect mixture

The paint was a **mixture** of different pigments to achieve the desired color.

arsenal

- a collection of weapons or military equipment stored in preparation for war or conflict; a collection of resources or tools available for use in a particular field or endeavor
- synonym: storage, stockpile, armory
- (1) arsenal of knowledge, (2) political arsenal

The police found a hidden **arsenal** of weapons in the suspect's house.

chemistry

- n. 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.

toxin

 a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism

synonym: poison, venom, contaminant

(1) toxin exposure, (2) toxin production

Mold exposure can release dangerous toxins into the air.

conquer

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

scenario

- n. a description of possible actions or events in the future;a written outline of a play, film, or literary worksynonym: plan, scheme, procedure
- (1) the worst case **scenario**, (2) number of different **scenarios**

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

feat

- a notable or impressive achievement, especially one that requires great skill or bravery
- synonym: achievement, accomplishment, exploit
- (1) intellectual **feat**, (2) **feat** accomplishment It is an incredible **feat** to climb Mount Everest, the highest mountain in the world.

precision

- n. the quality or condition of being exact and accuratesynonym: accuracy, exactness, rigor
- (1) a **precision** instrument, (2) speak with **precision**This operation requires both patience and **precision**.

stronghold

- n. a fortress or secure place that is difficult to capture, especially one used as a center of military operationssynonym: fortress, bastion, citadel
- (1) the last **stronghold**, (2) **stronghold** bastion The castle served as a **stronghold** for the kingdom, protecting against invaders.

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**.

brain

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

synonym: intellect, mind, encephalon

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

membrane

- n. a soft, thin layer that forms animal or vegetable tissuesynonym: tissue layer
- (1) cell membranes,(2) nuclear membraneLoud noises might harm the fragile ear membrane.

component

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

synonym: element, part, factor

- (1) key **component**, (2) spare **components** for cars

 The researchers try to discover a common **component** in all types of successful organizations.
- a thick mass or lump of coagulated liquid, especially blood; a group of people or things that form an obstructive, unsympathetic, or resistant force

synonym: clump, coagulation, thrombus

(1) blood clot, (2) clot prevention

The **clot** in the blood vessel required immediate medical attention.

hemotoxin

 a poisonous substance that attacks the blood and circulatory system, often causing internal bleeding or organ failure; commonly found in snake and spider venom

synonym: venom, poison, toxin

- (1) spider **hemotoxin**, (2) **hemotoxin-induced** tissue death The **hemotoxin** produced by some species of jellyfish can cause paralysis and respiratory failure.
- a cell that is specialized to carry information within the brain and between the brain and other parts of the body

clot

neuron

synonym: nerve cell

(1) excite the **neurons**, (2) **neuron** cell body

Our body transfers information along each **neuron** using an electrical impulse.

normally

adv. usually; under normal conditionssynonym: commonly, generally, naturally

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

neurotoxin

- a poisonous substance that damages or destroys nerve tissue and causes neurological damage or dysfunction; a toxin that specifically targets the nervous system
- (1) snake **neurotoxin**, (2) lethal **neurotoxin**Certain types of fish contain **neurotoxins** that can harm humans if ingested.

poke

- v. to push or prod with a sharp object or the finger synonym: prod, jab, push
- poke around the desk, (2) poke a fire
 They poked fun at each other's jokes, laughing and teasing.

rupture

 a break or tear in something, especially a bodily tissue or a physical object

synonym: fracture, break, tear

(1) a **rupture** between friends, (2) the **rupture** of a blood vessel

A fault line **rupture** can cause significant damage and destruction to surrounding areas.

explode

v. to burst or break open violently and noisily; to cause something to burst or break open

synonym: detonate, blast, rupture

(1) **explode** in anger, (2) **explode** in popularity The old building **exploded** in a fiery inferno.

cytotoxin

 a poisonous substance that specifically targets and damages or kills cells, often associated with bacterial or viral infections

synonym: chemotoxin, poison, venom

(1) cytotoxin release, (2) bacterial cytotoxin

The snake's **cytotoxin** attacks the nervous system of its prey.

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.

explosion

a violent release induced by a chemical or nuclear reaction

synonym: burst, eruption, outbreak

(1) a lot of **explosions**, (2) site of the **explosion**

A broken gas pipe triggered the explosion.

obsess

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

synonym: torment, beset, engross

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

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

childcare

- n. a service involving care for other people's childrensynonym: babysitting
- childcare allowance, (2) allow childcare leave
 Our company offers a full range of childcare facilities as part of our benefits package.

supervise

v. to watch over and direct someone or something, especially in a position of responsibility

synonym: oversee, manage, control

(1) **supervise** entrance test takers, (2) **supervise** team activity

She was asked to **supervise** the construction project.

adventure

n. a journey or a series of events that is unusual, exciting, or dangerous

synonym: experience, happening, incident

gastronomic adventures, (2) adventure film
 He sailed the Atlantic Ocean multiple times during his adventures.

exploration

n. the activity of searching and finding out about something through a place

synonym: inquiry, quest, investigation

(1) future of space **exploration**, (2) an Arctic **exploration** He called for a careful **exploration** of the consequences.

bold

adj. brave, daring, and confident; not frightened of danger or afraid to say what you feel or to take risks

synonym: brave, courageous, fearless

(1) a **bold** design, (2) big, **bold** piano sounds

The effort to alleviate climate change needs **bold** action.

explore

v. to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it

synonym: analyze, delve into, examine

(1) **explore** the world, (2) **explore** our options

The management must **explore** strategies to increase office security.

entity

something that exists independently and has its own identity

synonym: body, object, existent

(1) legal **entity**, (2) government **entity**

A company is a distinct legal **entity**.

dual

adj. having two parts, aspects, or elements

synonym: twofold, binary, double

(1) dual purpose, (2) dual nationality

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

inject

 to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

synonym: shoot, infiltrate, insinuate

(1) **inject** under the skin, (2) **inject** a personal opinion into a debate

Let's try to **inject** a bit of enthusiasm into your performance.

paralysis

 a condition in which you are unable to move or lose control of part or most of the body because of illness or injury

synonym: immobility, stiffness, palsy

(1) moral **paralysis**, (2) **paralysis** in the leg Massive demonstrations lead to total **paralysis** of transportation.

communicate

 to share or exchange information with others by speaking, writing, moving your body, or using other signals

synonym: convey, share, transmit

- (1) communicate his anxieties to the psychiatrist,
- (2) communicate well with my advisor

Dolphins use sound to **communicate** with each other.

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

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

tumor

 a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way

synonym: neoplasm, mass, lump

(1) tumor growth, (2) tumor at remote sites

The patient was diagnosed with a **tumor** in her lung.

environment

 the natural world such as air, water, and land in which humans, animals, and plants live

synonym: atmosphere, surroundings, climate

(1) **environment** affairs, (2) chaotic **environment**Every human is responsible for taking care of the Earth's **environment**.

disrupt

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

synonym: interrupt, disturb, break into

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

channelopathy

n. a disorder caused by some dysfunction of ion channels, which are proteins in the cell membrane that form pores for the passage of ions into and out of cells, which can cause a variety of symptoms affecting different organs and systems in the body

synonym: ion channel disease

(1) skeletal muscle **channelopathy**, (2) voltage-gated **channelopathy**

The child's seizures were caused by a genetic **channelopathy** that affected the potassium channels in the brain.

norm

- n. 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**.

liver

- a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
- (1) liver disease, (2) fatty liver

The patient will undergo **liver** transplant surgery tomorrow.

emerging

adj. starting to exist, mature, or become well-known synonym: arising, occurring, state-of-the-art

(1) **emerging** country, (2) **emerging** technologies **Emerging** technologies have dramatically improved productivity in various industries.

threat

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

synonym: menace, danger, hazard

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

cervical

adj. relating to the neck or the cervix (= the narrow passage forming the lower end of the uterus)

synonym: cervical, neck, spinal

(1) cervical cancer, (2) cervical spine

She must undergo a **cervical** screening to check for abnormalities in her reproductive system.

neuroblastoma

- n. a malignant tumor that arises from immature nerve cells in the sympathetic nervous system, most commonly affecting young children, which symptoms may include pain, tumors, and fever
- (1) pediatric **neuroblastoma**, (2) treat **neuroblastoma** cancer

The prognosis for **neuroblastoma** can vary depending on the cancer stage at the time of diagnosis.

prostate

 a small gland located near the bladder (= an organ located in the lower abdomen) in males that produces fluid that becomes part of semen

synonym: gland, bladder

(1) **prostate** surgery, (2) enlarged **prostate**Men over the age of 50 are at a higher risk for **prostate**cancer.

compound

 an item composed of two or more distinct elements combined; a chemical formed by the combination of two or more elements

synonym: combination, mixture, blend

aquatic compound, (2) harmful compound
 Common salt is a sodium and chlorine compound.

inhibit

 to prevent something, such as an action, process, etc., from happening or make it less likely to happen than normal

synonym: deter, hinder, impede

(1) **inhibit** desires, (2) **inhibit** tumor growth Excessive parental interference may **inhibit** children's eagerness to learn.

investigate

v. to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth

synonym: examine, analyze, look into

(1) **investigate** the matter, (2) **investigate** a data leak The committee **investigated** several apparent inconsistencies.

mechanism

 a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction synonym: means, method, system

(1) the **mechanism** for DNA replication, (2) defense **mechanism**

He discovered unique **mechanisms** for photochemical reactions.

pharmacy

 a place where medicines are prepared and dispensed; a drugstore or chemist's

synonym: drugstore, chemist's, apothecary

(1) **pharmacy** chain, (2) online **pharmacy**I need to go to the hospital **pharmacy** to pick up my prescription.

therapy

n. the act of caring for someone through medication, remedial training, etc.

synonym: antidote, medicine, treatment

(1) therapy for a patient, (2) field of gene therapyI underwent aversion therapy for my addiction to alcohol.

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.

prohibit

v. to officially stop something from being done or used, especially by enforcing the law

synonym: ban, forbid, refuse

(1) **prohibit** destructive activities, (2) **prohibit** the use of phone

Congress passed a law to **prohibit** the disposal of nuclear waste.

transmission

 n. the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television synonym: transportation, communication, broadcast

(1) **transmission** speed, (2) the **transmission** gears of a car

Education is the **transmission** of civilization.

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.

downstream

adv. in the direction that a stream or river flows; (adjective) in the direction of a stream's current

synonym: lower, below, later

(1) go **downstream** in a boat, (2) **downstream** processing The boat drifted **downstream** and was carried away by the current.

multiply

 to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity

synonym: boost, amplify, reproduce

(1) **multiply** 5 and 6, (2) **multiply** about hundredfold **Multiply** a number by itself twice.

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.

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

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disorder

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

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.

chronic

adj. being long-lasting and recurrent or characterized by long suffering; habitual

synonym: established, regular, constant

(1) risk of **chronic** disease, (2) **chronic** alcohol consumption

Chronic hyperglycemia is a trigger for a variety of serious diseases.

addictive

 adj. causing a strong desire or compulsion to use or consume repeatedly, often to the point of dependency or harm; habit-forming

synonym: habit-forming, captivating, compelling

(1) highly addictive, (2) addictive substance

The new video game was so **addictive** that he stayed up all night playing it.

magic

 beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers

synonym: fascination, illusion, wizardry

(1) a magic spell, (2) she is magic

He performed magic tricks with sophisticated moves.

addiction

 the inability to stop using or doing something as a habit, especially something harmful *synonym*: dependence

(1) alcohol **addiction**, (2) **addiction** to foreign oil He is now fighting his **addiction** to drugs.

morphine

 a powerful narcotic drug used to relieve pain and induce sleep

synonym: narcotic, painkiller, sedative

(1) **morphine** addiction, (2) synthetic **morphine**Long-term use of **morphine** can lead to tolerance, physical dependence, and addiction.

opioid

- n. substances that have an effect similar to opium, such as morphine, used in medicines to treat severe pain, but some people take them illegally for pleasure and become addicted
- (1) an **opioid** analgesic, (2) **opioid** receptor Treatment for **opioid** dependence may be a long-term process.

pit

 a hole in the ground or a cavity in a surface; a place for storing or holding something; a section of a theater or sports arena where people can sit

synonym: hole, depression, indentation

(1) the bottomless **pit**, (2) the **pit** of the stomach The **pit** of the avocado can be removed by gently wedging a spoon around it.

viper

n. venomous snake

synonym: snake, serpent, adder

(1) brood of vipers, (2) viper poison

The pit **viper** coiled up, ready to strike at its prey.

captopril

 a drug used to treat hypertension and heart failure by relaxing blood vessels and reducing the workload of the heart

synonym: ACE inhibitor, hypertension medication

(1) captopril tablets, (2) treat hypertension with captopril

My doctor prescribed captopril to lower my blood pressure.

breakthrough

 a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem

synonym: advance, progress, innovation

(1) **breakthrough** in the negotiations, (2) **breakthrough** discovery

A technique called deep learning has led to **breakthroughs** in Al.

advance

- v. to go or move forward; to develop in a positive way synonym: progress, boost, come along
- (1) **advance** the technology, (2) **advance** a cooperative relationship

Scientific knowledge will **advance** significantly with the power of AI.

ace

n. a playing card with a single symbol or mark that is typically the highest in value or rank in a particular card game; a person who is very skilled or successful in a specific activity or field

synonym: expert, master, champion

(1) tennis ace, (2) ace in the hole

He was an **ace** at playing poker and often won the game.

inhibitor

 a substance or agent that slows down or prevents a chemical reaction or biological process from occurring at normal rates, often used in medicine or industrial applications to control or regulate various functions or reactions

synonym: hinderer, suppressor, blocker

(1) inhibitor protein, (2) chemical inhibitor

The virus uses an enzyme **inhibitor** to block the immune system's response.

prescribe

v. (of a doctor) to advise and order the use of particular medicine or treatment for someone, especially in writing; to issue commands or orders for something

synonym: define, specify, stipulate

(1) **prescribe** a drug, (2) **prescribe** in the preceding paragraph

Federal bankruptcy laws **prescribed** the reorganization process.

hypertension

 a medical condition characterized by abnormally high blood pressure in the arteries, often leading to an increased risk of heart disease, stroke, and other health problems

synonym: high blood pressure

(1) **hypertension** rate, (2) arterial **hypertension**To lower **hypertension**, it is important to maintain a healthy diet and exercise regularly.

monster

 an imaginary creature that is large and has various human and animal parts; someone or something large and powerful

synonym: giant, freak, behemoth

horde of monsters, (2) monster film
 This car has a monster engine.

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.

ecology

- the study of the relationships between living organisms, including humans, and their physical environment
- (1) science of **ecology**, (2) the **ecology** of the island Many companies are now enthusiastically embracing the knowledge of **ecology** for sustainable development.

efficient

adj. performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials

synonym: productive, effective, competent

(1) **efficient** operation, (2) energy- **efficient** appliances
The new washing machine is much more **efficient** than the old one.

binge

 a period of excessive or uncontrolled consumption, often of food or alcohol; a spree or bout of reckless behavior or indulgence

synonym: spree, overindulgence, splurge

(1) binge on social media, (2) alcohol binge
She stayed up all night binge-watching her favorite TV show.

release

- v. to set free or allow to escape from confinement synonym: free, let go, discharge
- (1) **release** a prisoner, (2) **release** CO2 into the air The animal rights group worked to **release** the dolphins back into the wild.

diabetes

- a medical condition in which the body cannot produce enough insulin to control the glucose levels in the blood
- (1) juvenile **diabetes**, (2) **diabetes** patient My father was tested for **diabetes**.

marvelous

adj. causing wonder or astonishment; excellent synonym: wonderful, amazing, superb

(1) **marvelous** performance, (2) **marvelous** power The view from the top of the mountain was **marvelous**.

scratch

v. 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.

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.

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.

survey

 an investigation of the opinions, behavior, etc. of a particular group of people, made by asking people questions

synonym: study, examination, poll

(1) a comprehensive **survey**, (2) recent **survey**That **survey** shows that people are accepting the tax increase to some extent.

vast

adj. enormous in size, number, amount, or quantitysynonym: expansive, extended, boundless

(1) vast majority, (2) vast desert

A **vast** audience viewed the broadcast.

array

 a large group or collection of things or people, especially one that is impressive or attractive

synonym: collection, display, batch

(1) a two-dimensional **array**, (2) an **array** of troops The customer on the Internet has to choose one from a formidable **array** of products. jellyfish

 a marine creature with a soft, jelly-like body and tentacles for stinging

synonym: medusa, sea nettle, moon jelly

(1) spineless jellyfish, (2) jellyfish sting

The beach was filled with hundreds of **jellyfish**, so swimming was not recommended.

larva

the immature free-living form of insect or an animal,
 which at hatching from the egg, is fundamentally unlike its parent and must metamorphose

synonym: caterpillar, grub, maggot

(1) larva of a butterfly, (2) a moth larva

The butterfly emerged from its **larva** stage.

butterfly

- a diurnal insect typically has a slender body with knobbed antennae and broad, colorful wings
- (1) **butterfly** effect, (2) the life cycle of a **butterfly** He enjoys collecting **butterfly** specimens.

moth

- an insect with wings similar to a butterfly that travels at night and is attracted to light
- (1) **moth** larva, (2) **moth** attracted to the light The **moth** is a serious threat to the farm's output.

platypus

 a semiaquatic, egg-laying mammal native to Australia and Tasmania, having a broad tail, webbed feet, and a bill resembling that of a duck

synonym: duckbill, monotreme, marsupial

(1) duck-billed **platypus**, (2) **platypus** habitat The **platypus** diet consists mainly of small invertebrates, insects, and crustaceans.

loris

- n. a small, nocturnal primate with large, round eyes, slow movements, and a toxic bite found in Asia and Africa
- (1) some species of **lorises**, (2) pygmy **loris**The slow-moving **loris** is endangered due to habitat destruction and illegal trading.

encounter

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

synonym: meet, run into, come across

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

creature

n. a living being, especially an animal synonym: being, animal, organism

(1) creature of habit, (2) artificial creature

The deep sea **creature** was unlike anything the scientists had ever seen before.

doubt

 a feeling of being uncertain about something, especially about how good or accurate it is

synonym: distrust, suspect, mistrust

(1) dispel **doubts**, (2) no **doubt** about the news **Doubt** is the start, not the end, of intelligence.

harness

v. to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object

synonym: rein in, control, (noun) belt

(1) **harness** a horse to a carriage, (2) put a **harness** on my pet

People have been exploring ways to **harness** natural forces and resources since ancient times.

holistic

adj. relating to or dealing with the whole of something rather than just its parts

synonym: comprehensive, all-encompassing, total

(1) **holistic** education, (2) develop a **holistic** vision

The **holistic** approach to healthcare considers the person's physical, mental, and emotional well-being.

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.

therapeutic

adj. relating to or involved in the treatment of illness or injury synonym: healing, remedial, curative

(1) **therapeutic** massage, (2) **therapeutic** administration Yoga is known to have **therapeutic** benefits for the mind and body.

ecosystem

- all the plants and living creatures in an area and the way they affect each other and the environment
- (1) marine **ecosystem**, (2) change the **ecosystem**Human conservation efforts often fail unexpectedly because they disturb the balance of the **ecosystem**.

Session 2: Spelling

1.	lir disease	n.	a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
2.	invte the matter	ν.	to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth
3.	the inton between man and his environment	n.	the act of connecting with someone, mainly when working, playing, or spending time with them
4.	chemical inor	n.	a substance or agent that slows down or prevents a chemical reaction or biological process from occurring at normal rates, often used in medicine or industrial applications to control or regulate various functions or reactions
5.	esot recipe	n.	a French dish consisting of cooked snails typically served as an hors d'oeuvre (= small, bite-sized appetizers or starters typically served before a meal)
6.	environmental tht	n.	a strong indication or likelihood of harm danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation

ANSWERS: 1. liver, 2. investigate, 3. interaction, 4. inhibitor, 5. escargot, 6. threat

ANSWERS: 7. prohibit, 8. cervical, 9. mechanism, 10. involve, 11. disease, 12. evolution, 13. assassin, 14. norm, 15. prey, 16. multiply

ANSWERS: 17. exploration, 18. molecule, 19. escargot, 20. environment, 21. explode, 22. chemical, 23. cervical, 24. loris, 25. inhibit, 26. rupture

ANSWERS: 27. subdue, 28. ecosystem, 29. inhibitor, 30. emerging, 31. ace, 32. lab, 33. addictive, 34. cytotoxin, 35. venomous

ANSWERS: 36. encounter, 37. obsess, 38. magic, 39. cytotoxin, 40. creature, 41. planet, 42. jellyfish, 43. lab, 44. stronghold, 45. butterfly

Vocab-Builder Ref from "Mandë Holford: The power of venom -- and how it could one day save your life | TED Talk" (142 words)

ANSWERS: 46. specific, 47. estimate, 48. paralysis, 49. proboscis, 50. captopril, 51. butterfly, 52. harness, 53. tongue, 54. array

Vocab-Builder Ref from "Mandë Holford: The power of venom -- and how it could one day save your life | TED Talk" (142 words)

ANSWERS: 63. moth, 64. survey, 65. disorder, 66. bold, 67. disorder, 68. therapeutic, 69. precision, 70. component, 71. pit, 72. poke

ν.

the finger

71. the bottomless p t

72. p e a fire

a hole in the ground or a cavity in a

surface; a place for storing or holding something; a section of a theater or sports arena where people can sit

to push or prod with a sharp object or

to put a liquid such as a drug or other 73. in t a personal opinion into a ν. substance into a person's or an animal's debate body using a needle and syringe (= small tube) 74. legal en___y something that exists independently n. and has its own identity 75. science of ec___y the study of the relationships between n. living organisms, including humans, and their physical environment 76. aquatic co____nd an item composed of two or more distinct elements combined; a chemical formed by the combination of two or more elements 77. wa e aircraft the use of military force to achieve n. political, economic, or social objectives 78. co___r fatal disease to bring under control by force or authority 79. tra____ion speed the act or process of sending something n. from one person or place to another; the process of broadcasting over the airwaves, as in radio or television 80. pl us habitat a semiaguatic, egg-laying mammal native to Australia and Tasmania, having a broad tail, webbed feet, and a bill resembling that of a duck 81. traffic c e a geometric shape that tapers to a point n. at one end and has a circular base at the other end 82. ad e a cooperative relationship to go or move forward; to develop in a ν. positive way

ANSWERS: 73. inject, 74. entity, 75. ecology, 76. compound, 77. warfare, 78. conquer, 79. transmission, 80. platypus, 81. cone, 82. advance

ANSWERS: 83. brain, 84. viper, 85. explosion, 86. captopril, 87. bold, 88. marvelous,

dairy products

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.	logit	timo	nto.	00	una	ouer	\ooti	ina	01	lzilli	na	വാ	CLID	orvi	ico	02	proc	200		
1.	iegii	llilla	ile,	90.	urk	susp	ecu	irig,	91.	KIIII	ng,	92.	Sup	eiv	15 C ,	93.	proce	355		

94.	chc alcohol consumption	adj.	being long-lasting and recurrent or characterized by long suffering; habitual
95.	spider hein	n.	a poisonous substance that attacks the blood and circulatory system, often causing internal bleeding or organ failure; commonly found in snake and spider venom
96.	mie of emotions	n.	a combination of different elements, substances, or entities, usually in non-uniform proportions, resulting in a homogeneous or heterogeneous blend of physical or chemical properties
97.	bre force	n.	a violent, wild, or feral animal; a person who is cruel, uncivilized, or lacking in intelligence or sensitivity; a physical force or power
98.	treat neuoma cancer	n.	a malignant tumor that arises from immature nerve cells in the sympathetic nervous system, most commonly affecting young children, which symptoms may include pain, tumors, and fever
99.	kig spree	n.	the act of causing death; a sudden and intense force or effect that causes significant damage or destruction; a situation where someone is making a substantial amount of money or experiencing significant financial success
100	. muly 5 and 6	<i>v</i> .	to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity
	SWERS: 94. chronic, 95. hemotoxin, 96 killing, 100. multiply	S. mi	xture, 97. brute, 98. neuroblastoma,

ANSWERS: 101. holistic, 102. inhibit, 103. survey, 104. normally, 105. holistic, 106. prohibit, 107. chemistry, 108. pharmacy, 109. sand, 110. brute

110. br e beasts

applications requiring drainage or

a violent, wild, or feral animal; a person

who is cruel, uncivilized, or lacking in intelligence or sensitivity; a physical

abrasive action

force or power

118. v_t desert

adj. enormous in size, number, amount, or quantity

119. m h attracted to the light

120. hyp____ic abscess

 an insect with wings similar to a butterfly that travels at night and is attracted to light

adj. relating to the area below the skin;
 referring to a method of administering
 drugs or vaccines through a hypodermic
 needle or syringe

ANSWERS: 111. communicate, 112. childcare, 113. cancer, 114. array, 115. biochemical, 116. prostate, 117. superhero, 118. vast, 119. moth, 120. hypodermic

- mollusks that are frequently compared to a tongue
 - a poisonous substance produced by a n. living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism
 - a long, thin creature with a soft and long cylindrical tube-like body, no limbs, and a lack of eyes
 - to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth

ANSWERS: 129. feat, 130. radula, 131. explode, 132. downstream, 133. prescribe, 134. dual, 135. radula, 136. toxin, 137. worm, 138. investigate

136. to n exposure

137. wiggly w ms

138. inv____te a data leak

139. tur at remote sites	n.	a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
140. exng news	adj.	causing a lot of interest or excitement
141. harmful cond	n.	an item composed of two or more distinct elements combined; a chemical formed by the combination of two or more elements
142. sth a story	ν.	to make or be capable of making anything longer or broader without hurting or breaking
143. adon to foreign oil	n.	the inability to stop using or doing something as a habit, especially something harmful
144. synthetic mone	n.	a powerful narcotic drug used to relieve pain and induce sleep
145. mor film	n.	an imaginary creature that is large and has various human and animal parts; someone or something large and powerful
146. moral pais	n.	a condition in which you are unable to move or lose control of part or most of the body because of illness or injury
147. exe the world	ν.	to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
148. fall victim to an asin	n.	a person who murders a prominent or well-known person for political reasons or in exchange for money

ANSWERS: 139. tumor, 140. exciting, 141. compound, 142. stretch, 143. addiction, 144. morphine, 145. monster, 146. paralysis, 147. explore, 148. assassin

149. cell menes	n.	a soft, thin layer that forms animal or vegetable tissue
150. number of different scios	n.	a description of possible actions or events in the future; a written outline of a play, film, or literary work
151. sexual prors	n.	an animal whose natural behavior is to prey on others
152. the veus jellyfish's sting	adj.	extremely poisonous or injurious; containing or producing venom; marked by deep ill will
153. professor of chry	n.	the branch of the natural sciences dealing with the composition of substances and their properties and reactions
154. allow chre leave	n.	a service involving care for other people's children
155. pris structure	n.	an elongated, protruding nose, snout, or appendage, especially of certain mammals or insects, used for grasping or feeding
156. site of the exon	n.	a violent release induced by a chemical or nuclear reaction
157. dit sleep	<i>v</i> .	to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
158. snl pace	n.	a slow-moving mollusk with a spiral shell that it uses to protect its body
159. fatty lir	n.	a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins

ANSWERS: 149. membrane, 150. scenario, 151. predator, 152. venomous, 153. chemistry, 154. childcare, 155. proboscis, 156. explosion, 157. disrupt, 158. snail, 159. liver

160. dit a well-ordered condition	ν.	to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
161. hein-induced tissue death	n.	a poisonous substance that attacks the blood and circulatory system, often causing internal bleeding or organ failure; commonly found in snake and spider venom
162. the great diry of the century	n.	the act or process of finding information, a place, or an object, or learning about something that was previously not known
163. legte question	adj.	accordant with or allowed by law; lawful
164. put a has on my pet	v.	to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object
165. hypion rate	n.	a medical condition characterized by abnormally high blood pressure in the arteries, often leading to an increased risk of heart disease, stroke, and other health problems
166. sch off a name	ν.	to cut or damage the surface of something or the skin with a sharp or pointed object
167. nuclear mene	n.	a soft, thin layer that forms animal or vegetable tissue
ANSWERS: 160. disrupt, 161. hemotoxin, harness, 165. hypertension, 166. scratch,		•

ANSWERS: 168. monster, 169. environment, 170. needle, 171. snail, 172. chronic, 173. disease, 174. toxin, 175. exciting, 176. component, 177. chemical

adj. relating to or connected with chemistry;

177. toxic ch als

ANSWERS: 178. tumor, 179. breakthrough, 180. warfare, 181. sand, 182. marvelous, 183. neuron, 184. supervise, 185. feat, 186. creature, 187. rupture

a bodily tissue or a physical object

ANSWERS: 188. evolution, 189. cellular, 190. interaction, 191. scorpion, 192. venom, 193. opioid, 194. doubt, 195. encounter

ANSWERS: 196. neuroblastoma, 197. worm, 198. therapy, 199. breakthrough, 200. transmission, 201. arsenal, 202. unsuspecting, 203. stretch, 204. binge

210. v__t majority adj. enormous in size, number, amount, o quantity

211. in e a high degree of risk v. to include or affect someone or

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

 a geometric shape that tapers to a point at one end and has a circular base at the other end

v. to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

ANSWERS: 205. downstream, 206. neurotoxin, 207. ecology, 208. scratch, 209. superhero, 210. vast, 211. involve, 212. cone, 213. inject

212. ice cream c__e

213. in t under the skin

214. sewing nee	n.	a thin, pointed object typically used for sewing or medical purposes; a metal or plastic instrument used for administering injections or drawing blood
215. the p_t of the stomach	n.	a hole in the ground or a cavity in a surface; a place for storing or holding something; a section of a theater or sports arena where people can sit
216. marine ecem	n.	all the plants and living creatures in an area and the way they affect each other and the environment
217. become py to terrorists	n.	the object of a hunt; an animal hunted or trapped for eating
218. fuon properly	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
219. theic administration	adj.	relating to or involved in the treatment of illness or injury
220. the worst case scio	n.	a description of possible actions or events in the future; a written outline of a play, film, or literary work
221. trrm an education system	ν.	to change in outward structure or looks:

ANSWERS: 214. needle, 215. pit, 216. ecosystem, 217. prey, 218. function, 219 therapeutic, 220. scenario, 221. transform

ANSWERS: 222. prescribe, 223. addictive, 224. jellyfish, 225. adventure, 226. cancer, 227. obsess, 228. neuron, 229. efficient, 230. venom

ANSWERS: 231. doubt, 232. diabetes, 233. mixture, 234. hypodermic, 235. morphine, 236. transform, 237. efficient, 238. estimate, 239. release, 240. molecular

bonds)

ANSWERS: 241. tongue, 242. clot, 243. entity, 244. predator, 245. larva, 246. discovery, 247. cellular, 248. exploration, 249. pharmacy

n.

a place where medicines are prepared

and dispensed; a drugstore or chemist's

249. online ph____cy

- 250. ex____e our options
- 251. blood c__t
- 252. pl t like the Earth
- 253. bi__e on social media
- 254. cultural n_m
- 255. authoritarian vi n
- 256. bio____al reaction
- 257. co____il of chemicals

- v. to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
- a thick mass or lump of coagulated liquid, especially blood; a group of people or things that form an obstructive, unsympathetic, or resistant force
- any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
- a period of excessive or uncontrolled consumption, often of food or alcohol; a spree or bout of reckless behavior or indulgence
- n. something that is regarded as usual, typical, or standard
- a character in a story, movie, or play which often opposes the hero, typically characterized as immoral, evil, or cruel
- adj. relating to the chemical processes and substances that occur within living organisms
- a drink, usually an alcoholic one, made by mixing one or more spirits (= strong alcoholic drinks) and fruit juice; an appetizer served as a first course at a meal

ANSWERS: 250. explore, 251. clot, 252. planet, 253. binge, 254. norm, 255. villain, 256. biochemical, 257. cocktail

ocab-builder Rei Irom - Mande Hollord. The power of venom	and	now it could one day save your life 1 ED Talk (142 words
267. a mac spell	n.	beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
268. spic instructions	adj.	clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
269. evil vin	n.	a character in a story, movie, or play which often opposes the hero, typically characterized as immoral, evil, or cruel
270. skeletal muscle chathy	n.	a disorder caused by some dysfunction of ion channels, which are proteins in the cell membrane that form pores for the passage of ions into and out of cells, which can cause a variety of symptoms affecting different organs and systems in the body
271. not noly drink much	adv.	usually; under normal conditions
272. sue his anger	ν.	to conquer; to bring under control
273. juvenile dies	n.	a medical condition in which the body cannot produce enough insulin to control the glucose levels in the blood
274. a light coil	n.	a drink, usually an alcoholic one, made by mixing one or more spirits (= strong alcoholic drinks) and fruit juice; an appetizer served as a first course at a meal
275. opd receptor	n.	substances that have an effect similar to opium, such as morphine, used in medicines to treat severe pain, but some people take them illegally for pleasure and become addicted

ANSWERS: 267. magic, 268. specific, 269. villain, 270. channelopathy, 271. normally, 272. subdue, 273. diabetes, 274. cocktail, 275. opioid

276. cor the world	<i>v</i> .	to bring under control by force or authority
277. permanent br_n damage	n.	the organ inside the head that is responsible for one's movement, thought, memory, and feeling
278. poisonous scon	n.	a small creature similar to an insect with a segmented body, a pair of pincers, and a long, thin tail that ends in a venomous sting
279. acte measurements	adj.	correct and exact in all details
280. vir poison	n.	venomous snake
281. toc molecule	adj.	of or relating to or caused by a poison; poisonous
282. adre film	n.	a journey or a series of events that is unusual, exciting, or dangerous
283. exposure to toc chemicals	adj.	of or relating to or caused by a poison; poisonous
284. arterial hypion	n.	a medical condition characterized by abnormally high blood pressure in the arteries, often leading to an increased risk of heart disease, stroke, and other health problems

ANSWERS: 276. conquer, 277. brain, 278. scorpion, 279. accurate, 280. viper, 281. toxic, 282. adventure, 283. toxic, 284. hypertension

Session 3: Fill in the Blanks

1.	The acupuncturist inserted into specific points on my body to alleviate my pain.
n.	a thin, pointed object typically used for sewing or medical purposes; a metal or plastic instrument used for administering injections or drawing blood
2.	The old building in a fiery inferno.
v.	to burst or break open violently and noisily; to cause something to burst or break open
3.	The slow-moving is endangered due to habitat destruction and illegal trading.
n.	a small, nocturnal primate with large, round eyes, slow movements, and a toxic bite found in Asia and Africa
4.	This factory employs a manufacturing system.
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 o wires
5.	The management must strategies to increase office security.
ν.	to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
6.	My father was tested for
n.	a medical condition in which the body cannot produce enough insulin to control the glucose levels in the blood
7.	The new video game was so that he stayed up all night playing it.
adj	causing a strong desire or compulsion to use or consume repeatedly, often to the point of dependency or harm; habit-forming
	SWERS: 1. needles, 2. exploded, 3. loris, 4. cellular, 5. explore, 6. diabetes, 7. lictive

23. The pit coiled up, ready to strike at its prey.n. venomous snake
24. He is now fighting his to drugs.n. the inability to stop using or doing something as a habit, especially something harmful
25. Federal bankruptcy laws the reorganization process.
v. (of a doctor) to advise and order the use of particular medicine or treatment for someone, especially in writing; to issue commands or orders for something
26. It is an incredible to climb Mount Everest, the highest mountain in the world.
 a notable or impressive achievement, especially one that requires great skill or bravery
27. X-rays revealed a small tumor in his
 the organ inside the head that is responsible for one's movement, thought, memory, and feeling
28. A technique called deep learning has led to in Al.
 a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem
29. The investigation several government agencies and is expected to take several months.
v. to include or affect someone or something as a necessary part of something else
30. The doctor diagnosed him with a rare that had no known cure.
 a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
ANSWERS: 23. viper, 24. addiction, 25. prescribed, 26. feat, 27. brain, 28. breakthroughs, 29. involves, 30. disease

39.	Dolphins use sound to with each other.
v.	to share or exchange information with others by speaking, writing, moving your body, or using other signals
40.	She must undergo a screening to check for abnormalities in her reproductive system.
adj	relating to the neck or the cervix (= the narrow passage forming the lower end of the uterus)
41.	He was an at playing poker and often won the game.
n.	a playing card with a single symbol or mark that is typically the highest in value or rank in a particular card game; a person who is very skilled or successful in a specific activity or field
42.	The snake's attacks the nervous system of its prey.
n.	a poisonous substance that specifically targets and damages or kills cells, often associated with bacterial or viral infections
43.	The scientist conducted a study that provided details about the species' behavior.
adj	clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
44.	A fault line can cause significant damage and destruction to surrounding areas.
n.	a break or tear in something, especially a bodily tissue or a physical object
45.	The diet consists mainly of small invertebrates, insects, and crustaceans.
n.	a semiaquatic, egg-laying mammal native to Australia and Tasmania, having a broad tail, webbed feet, and a bill resembling that of a duck
	SWERS: 39. communicate, 40. cervical, 41. ace, 42. cytotoxin, 43. specific, 44. ture, 45. platypus

68.	He discovered unique for photochemical reactions.
n.	a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
69.	I underwent aversion for my addiction to alcohol.
n.	the act of caring for someone through medication, remedial training, etc.
70.	The produced by some species of jellyfish can cause paralysis and respiratory failure.
n.	a poisonous substance that attacks the blood and circulatory system, often causing internal bleeding or organ failure; commonly found in snake and spider venom
71.	The country has been engaged in a prolonged conflict, with both sides using modern tactics.
n.	the use of military force to achieve political, economic, or social objectives
72.	Mold exposure can release dangerous into the air.
n.	a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism
73.	He sailed the Atlantic Ocean multiple times during his
n.	a journey or a series of events that is unusual, exciting, or dangerous
74.	The official transcript contains academic records.
adj	correct and exact in all details
75. n.	The in the movie was a complex character with a tragic backstory. a character in a story, movie, or play which often opposes the hero, typically characterized as immoral, evil, or cruel
	SWERS: 68. mechanisms, 69. therapy, 70. hemotoxin, 71. warfare, 72. toxins, 73. ventures, 74. accurate, 75. villain

Vocab-Builder Ref from "Mandë Holford: The power of venom and how it could one day save your life TED Talk" (142 word
139. The researchers try to discover a common in all types of successful organizations.
n. one of several parts that combines with others to form something bigger
140. People have been exploring ways to natural forces and resources since ancient times.
v. to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object
141. The police found a hidden of weapons in the suspect's house.
n. a collection of weapons or military equipment stored in preparation for war or conflict; a collection of resources or tools available for use in a particular field or endeavor
142. The patient was diagnosed with a in her lung.
n. a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
ANSWERS: 139. component, 140. harness, 141. arsenal, 142. tumor