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Carolyn Freiwald: The hidden history found in your teeth | TED Talk

https://www.ted.com/talks/carolyn_freiwald_the_hidde n_history_found_in_your_teeth



All Words

IMPORTANT

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Session 1: Word List

migrant

n. a traveler who moves from one region or country to another, especially to find work or better living conditions; a bird or an animal that moves from one place to another

synonym: immigrant, itinerant, transient

(1) **migrant** worker, (2) the movement of **migrant** birds
The government revoked his license to employ **migrant** labor crews.

rough

adj. not quite exact or correct; having or caused by an irregular surface

synonym: inelegant, coarse, barbarian

(1) **rough** and tough, (2) **rough** estimation

The vehicle bounced along the **rough** mountain road.

cling

v. to hold onto something tightly; to be closely attached to someone or something

synonym: stick, adhere, attach

(1) **cling** onto power, (2) **cling** tightly to the skin He **clings** to the hope that he will find a job soon.

freight

goods or cargo that are transported by land, sea, or air;
 the transportation of goods or cargo by land, sea, or air

synonym: cargo, shipment, haul

(1) freight transport, (2) freight cost

The large **freight** shipment arrived at the port early in the morning.

desert

- arid land with little or no vegetation often covered with sand or rocks
- (1) desert basin, (2) oasis in the desert

This region is predominantly **desert**.

worn-out

adj. exhausted or fatigued from overuse or prolonged activity; no longer effective or functional due to excessive wear or use

synonym: tired, exhausted, spent

(1) feeling worn-out, (2) worn-out machinery

The old carpet in the living room was so **worn-out** that it needed to be replaced.

cycle

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

synonym: revolution, rotation, bike

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

The food chain causes a material cycle.

desperate

adj. feeling or showing a lack of hope and a willingness to do anything because of the problematic situation

synonym: anguish, frantic, hopeless

(1) her **desperate** screams, (2) **desperate** attempt

He was **desperate** when he lost all his money by gambling.

flee

 to leave by running away, especially out of fear or danger

synonym: exit, escape, run away

(1) **flee** their homes, (2) **flee** abroad

It is a basic instinct to **flee** from a dangerous situation.

climate

the weather in a particular location averaged over some long period

synonym: atmosphere, weather, environment

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

poverty

- n. the condition of being extremely poor
- synonym: deprivation, destitution, poorness
- (1) **poverty** alleviation, (2) the cycle of **poverty**Many studies have investigated the relationship between **poverty** and academic achievement.

archaeology

- the branch of anthropology that studies prehistoric people and their cultures
- (1) the institute of **archaeology**, (2) prehistoric **archaeology** She teaches **archaeology** at the local university.

migration

 the movement of animals to a new location, frequently as the seasons change

synonym: exodus

(1) the **migration** of birds, (2) overseas **migration**There was a **migration** of impoverished farmers into the towns.

globe

the earth or world, mainly used to emphasize its vastness

synonym: Earth, world, sphere

(1) terrestrial **globe**, (2) around the **globe**. His final goal is to sail around the **globe**.

pirate

 n. (especially in the past) a person who attacks and robs ships at sea

synonym: buccaneer, corsair, privateer

(1) pirate treasure, (2) video pirate

The **pirate** captain ordered his crew to attack the merchant

ship.

gladiator

 a person who fought in ancient Rome's public contests, typically armed with weapons and wearing armor to entertain audiences

synonym: fighter, warrior, combatant

- (1) act like a **gladiator**, (2) the Christian **gladiator** The **gladiator's** training regimen included physical conditioning, weapons training, and strategy.
- a large hole in the side of a hill, cliff, mountain, or under the ground

synonym: cavern, grotto, burrow

(1) domiciliary **caves**, (2) the mouth of the **cave** Bats reside in sheltered **caves**.

mobility

cave

 the ability to move or be moved freely or easily from one place, job, or social class to another

synonym: flexibility, maneuverability

(1) lack in **mobility**, (2) improve social **mobility** I have limited **mobility** in my arms.

gym

- n. a place equipped for exercise and other physical trainingsynonym: fitness center, athletic club
- (1) **gym** membership, (2) a **gym** suit

She went to the fully equipped **gym** to work out every day.

dentist

a person who is qualified and licensed to treat people's teeth

synonym: oral surgeon, orthodontist, periodontist

- (1) a dentist's office, (2) consult a dentistI am going to the family dentist to get my teeth cleaned.
- am going to the family **dentist** to get my teeth cleaned.

floss

 a thin thread or cord used to clean the spaces between the teeth

synonym: thread, yarn, string

(1) candy **floss**, (2) dental **floss**

Be sure to use a clean section of **floss** for each tooth to avoid spreading bacteria.

cavity

an empty space or hollowness within a solid object,
 especially within the body, such as a tooth or bone; a
 hole or depression in a surface or the ground

synonym: hollows, holes, indenture

(1) tooth cavity, (2) cavity filling

I have a **cavity** in one of my molars and must schedule a dentist appointment.

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.

incisor

 one of the front teeth in the human or animal mouth that are used for biting or cutting food; a tooth adapted for cutting

synonym: front tooth, fang

(1) sharpened incisors, (2) upper incisor

The dentist extracted my incisor due to decay and infection.

ancestry

- n. the family or the ethnic descent that you come from synonym: ancestor, family, descent
- (1) a distinguished **ancestry**, (2) prehuman **ancestry**He looked down on the royal **ancestry** of the neighboring country.

scoop

 a tool for lifting or moving substances in bulk, typically using a concave or spoon-shaped end; a piece of news that is obtained or published before anyone else

synonym: ladle, spoon, dipper

(1) a **scoop** of ice cream, (2) **scoop** of news
The company's marketing team worked hard to get the **scoop** on what their target audience wanted.

shovel

 a tool with a handle and broad scoop or blade used for digging or moving Earth, coal, snow, or other granular materials

synonym: excavator, scoop, trowel

(1) snow **shovel**, (2) **shovel** blade

The construction workers used a power **shovel** to dig the foundation for the building.

ancestor

- n. a person from whom one is descended; a forefathersynonym: forebear, forefather, progenitor
- (1) **ancestor** language, (2) earliest human **ancestor**My remote **ancestor** immigrated to the United States from Ireland in the 1800s.

native

 adj. connecting with or describing someone's birth country or place of birth, or someone born in a specific country or place

synonym: endemic, domestic, aboriginal

(1) **native** to Africa, (2) **native** language

The vegetation here is almost wholly native.

migrate

 to move from one country or region to another and settle there; to move from one place to another periodically or seasonally

synonym: relocate, emigrate, roam

(1) **migrate** across borders, (2) **migrate** a service Many Germans **migrated** to South America in the mid-19th century.

pulp

a soft and moist mass of fibers or small pieces, typically produced by grinding, crushing, or shredding plant or wood material; a type of paper made from wood or plant pulp; the soft fleshy part of a fruit or vegetable

synonym: mush, fiber, paste

(1) pulp fiction, (2) orange pulp

The recipe called for squeezing the juice out of the fresh **pulp** and using it in the sauce.

extract

enamel

a short passage taken from a book, piece of music, etc.;
 a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force

synonym: excerpt, quote, distillation

- (1) a brief **extract** from the book, (2) botanical **extract** Anesthetize the gum before **extracting** the teeth.
- a hard, glossy coating that is applied to surfaces such as metal, glass, or ceramics to protect them from wear, corrosion, or weathering; the hard, white outer layer of teeth

synonym: glaze, varnish, coating

(1) **enamel** coating, (2) **enamel** mugs
The dentist recommended using toothpaste with extra **enamel** protection to prevent cavities.

mineral

- a solid inorganic substance occurring in nature having a definite chemical composition
- (1) vitamin and **minerals**, (2) **mineral** rights

 The robust economy of the country is based on its **mineral** resources.

calcium

 a chemical element with the symbol Ca and atomic number 20, which is an important mineral for the human body

synonym: Ca, lime, chalk

(1) calcium deficiency, (2) ion of calcium

The patient was prescribed a **calcium** supplement to help prevent osteoporosis.

oxygen

- n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
- the hydrogen binds the oxygen,
 lack of oxygen
 passenger grabbed for the oxygen mask.

sodium

a metallic element that is the most common alkali metal and is used in the production of many chemicals, including soap, glass, and paper

synonym: Na, salt, alkali

- (1) reduce my **sodium** intake, (2) **sodium** bicarbonate High levels of **sodium** in the diet can increase the risk of developing high blood pressure.
- the food and drink that a person, animal, or community eats and drinks regularly; a legislative assembly in certain countries, for example, Japan

synonym: food, dietary

- (1) eat a vegetarian **diet**, (2) **Diet** approval A balanced **diet** is more important for health than supplements.
- to like, choose, or want one thing or person better than another

synonym: choose, like, favor

- (1) **prefer** physics to chemistry, (2) **prefer** a window seat The birds **prefer** open water areas with reeds around them.
- (also sulphur) a chemical element with the symbol S and n. atomic number 16, found in many minerals and sulfur compounds, often used in the production of fertilizers, rubber, paper, and other industrial applications
- (1) sulfur dioxide, (2) sulfur mine

The **sulfur** emissions from the nearby factory caused the rotten egg smell.

- a chemical element with the symbol Sr and atomic n. number 38, a soft, silvery-white metal that is highly reactive with air and water and is used in various applications, including in nuclear medicine
- (1) **strontium** isotope, (2) **strontium** dating The **strontium** in some medical isotopes can be used in cancer treatment and diagnosis.

diet

prefer

sulfur

identify

v. to recognize someone or something and say or prove who or what they are

synonym: determine, specify, recognize

(1) **identify** handwriting, (2) **identify** gene sequences I will introduce you to how to **identify** the leading causes of the malfunction.

ancient

adj. relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old

synonym: archaic, age-old, obsolete

pre-Christian ancient, (2) ancient stories
 They have been living near water since ancient times.

molar

n. one of the large teeth located in the back of the mouth used for grinding and chewing food; a dental drill used for removing decay or shaping teeth; (adjective) describing a solution in which the concentration of a solute is expressed in moles per liter (mol/L)

synonym: tooth, grinder, premolar

(1) molar tooth, (2) molar absorbancy indexI have a cavity in my molar and need to see the dentist.

infant

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

wisdom

- n. the quality of being wise, or the ability to use your knowledge and experience to make sensible decisionssynonym: sagacity, discernment, insight
- (1) a fountain of **wisdom**, (2) **wisdom** literature

 The community greatly respected and sought after the older adult's **wisdom**.

miner

n. a person who works in a mine (= excavation in the Earth from which ores and minerals are extracted), especially

one who extracts coal, minerals, or precious metals from the Earth

synonym: digger, excavator, miner

(1) **miner** strike, (2) **miner** industry

The coal **miner** worked tirelessly to extract valuable minerals from deep underground.

pause

 to take a short break from talking or doing something before continuing

synonym: halt, break, intermit

(1) **pause** a moment, (2) **pause** for a reaction The man **paused** before opening the door.

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.

introduction

n. a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market

synonym: initiation, preamble, prologue

(1) **introduction** education, (2) self- **introduction**The **introduction** to the new class was informative and engaging.

broad

adj. very wide; general

synonym: wide, expansive, comprehensive

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

He accumulated wealth across a **broad** spectrum of assets.

plaza

 a public square, marketplace, or similar open area in a town, especially in Spanish-speaking countries

synonym: park, square, center

(1) main **plaza**, (2) memorial **plaza**

Three young men were busking in the shopping plaza.

tropical

adj. originating in, located in, or characteristic of the tropics synonym: equatorial, tropic

(1) tropical cyclones, (2) tropical islands

Tropical storm Marco is making his way along the coast of Florida.

carve

v. to create something by cutting wood or stone; to turn sharply

synonym: sculpt, engrave, cut

- (1) **carve** a statue, (2) **carve** my name on the plate This statue is **carved** from a single tree trunk.
- a sculpture of a person or animal, typically made of stone or metal, that is intended to represent the subject in a lifelike or symbolic way

synonym: sculpture, figurine, monument

(1) a beautiful **statue**, (2) the ancient Egyptian **statues**The **statue** of the famous hero stood proudly in the town square.

inauguration

 the formal beginning or initiation of something, especially the beginning of a political leader's term in office; a ceremony marking the beginning of an organization or event

synonym: swearing-in, investiture, initiation

(1) **inauguration** ceremony, (2) presidential **inauguration**The **inauguration** of the new station was a great success.

roughly

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

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

statue

translate

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

Translate the text from Italian into English.

macaw

 a large, colorful parrot with a long tail found in tropical and subtropical regions of the Americas, known for its striking plumage and its ability to mimic human speech and sounds

synonym: parrot, bird, avian

(1) rare **macaw** species, (2) red-bellied **macaw**The **macaw's** colorful feathers brightened up the otherwise drab jungle.

jaguar

 a large animal of the cat family that has a yellowish-brown coat with black spots, mainly found in parts of Central and South America

synonym: cat, feline, panther

(1) a wild jaguar, (2) a female jaguar

Humans have developed the **jaguar's** habitat over several decades.

skull

 a bone framework that surrounds the brain and gives the head its shape

synonym: cranium, scalp, brain

(1) **skull** fracture, (2) have a thick **skull**

Archaeologists found a Neanderthal **skull** at that historic site.

neat

adj. clean or tidy, with everything in its place

synonym: tidy, uncluttered, refined

(1) a neat piece of work, (2) neat idea

She has **neat** habits.

dynasty

- a sequence of influential leaders who are all from the same family or a period when they rule a country
- (1) dynasty of China, (2) during the Ming dynasty

During the Habsburg **dynasty**, colonization began.

depict

gear

- v. to illustrate someone or something in a photograph synonym: illustrate, describe, express
- (1) **depict** a scene, (2) **depict** a feeling of isolation His son had accurately **depicted** the bloom.
- a toothed wheel that engages another toothed mechanism to change the speed or direction of transmitted motion; a set of tools, equipment, or other items for a particular purpose

synonym: equipment, tools, apparatus

- (1) sports **gear**, (2) a **gear** change lever She checked her **gear** before embarking on the hike.
- a large stone structure or underground chamber in which the dead are buried

synonym: grave, burial site, mausoleum

(1) bury in **tomb**, (2) the ancient **tomb**

The **tomb** of the unknown soldier honored the bravery and sacrifice of those who lost their lives in battle.

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.

jade

 a green or white mineral, typically composed of jadeite or nephrite, used for making jewelry and ornamental objects; an old or over-worked horse

synonym: gemstone, stone, mineral

(1) a **jade** accessory, (2) decorated with **jade** The **jade** sculpture was worth a fortune.

tomb

vessel

n. a ship or large boat

synonym: boat, ship, craft

(1) blood vessels, (2) naval vessels

The **vessel** arrived in port the following day.

symbolize

v. to represent or stand for something else, particularly an abstract concept or idea; to be an emblem or sign of something

synonym: represent, signify, emblemize

(1) **symbolize** hope, (2) **symbolize** freedom

In many cultures, the color white **symbolizes** purity and innocence.

royal

adj. relating to or belonging to the king or queen or a member of their family

synonym: imperial, noble, aristocratic

(1) a royal palace, (2) prince royal

She is willing to give up her position in the **royal** family to marry him.

pelt

v. to hit or throw things at someone or something repeatedly and forcefully; to rain heavily

synonym: hurl, fling, throw

(1) **pelt** him with stones, (2) **pelt** with questions

The crowd **pelted** the stage with bottles and cans in protest.

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.

royalty

 revenue derived from the use of a patent, copyright, or other right; the people who are the family of a king and queen

synonym: nobility, aristocracy, monarch

(1) a grandchild of **royalty**, (2) **royalty** income

The **royalty** payments for the use of the patented technology were quite high.

consist

to be composed or made up of

synonym: lie in, comprise, exist

(1) **consist** mainly of cells, (2) **consist** only in knowing facts This examination **consists** of five problems to solve.

voyage

n. a long journey, especially by sea or in space

synonym: journey, trip, excursion

(1) a **voyage** of discovery, (2) take a **voyage**

The astronaut trained for years before embarking on her **voyage** to the International Space Station.

outpost

 a small military camp at some distance from the main army, used mainly to observe an enemy's movements, etc.

synonym: frontier, settlement

(1) outpost area, (2) military outpost

With the war's end, they have begun a gradual retreat from their **outposts**.

noble

adj. having or showing excellent personal qualities or high moral principles that people admire

synonym: dignified, aristocratic, benevolent

(1) a noble family, (2) noble gas

He is a **noble-minded** man

clergy

 the official leaders of the religious activities, especially of the Christian Church

synonym: priesthood, church, ministry

(1) clergy abuse, (2) privilege of clergy

The secular **clergy** improved the atmosphere of the meeting.

Page 15 / 64

craftsman

 a skilled worker who creates handmade objects, especially one who works with wood, metal, or other materials

synonym: artisan, mechanic, workman

(1) craftsman skill, (2) a subtle craftsman

The adept **craftsman** carefully carved the wooden figurine with precision and skill.

republic

n. a state or country in which the people and their elected representatives hold supreme power and which has an elected or nominated president rather than a monarch

synonym: democracy, federation, commonwealth

(1) republic democracy, (2) the republic of art

The United States is a federal presidential constitutional **republic**.

scarce

adj. not abundant or plentiful, and therefore not easy to find or obtain

synonym: rare, limited, sparse

(1) **scarce** resources, (2) capital- **scarce** country

Fresh water is becoming increasingly **scarce** in many parts of the world.

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.

rampant

 adj. (especially of something bad or unwelcome) flourishing or spreading everywhere in a way that cannot be controlled

synonym: prevalent, dense, uncontrolled

(1) **rampant** growth of weeds, (2) **rampant** corruption In an overly protective industry, violations of the ethics rules

tend to be rampant.

mortality

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

excavate

- v. to dig or remove earth, rocks, or other materials from the ground or a site, often to uncover or discover somethingsynonym: dig, unearth, extract
- (1) **excavate** a deep hole, (2) **excavate** soil

 The archaeologists **excavated** the ruins of an ancient city buried under the desert sands.

settlement

an official agreement that brings an argument to a close;
 the process of establishing permanent residence in a place.

synonym: agreement, accommodation, colonization

(1) the **settlement** of a dispute, (2) **settlement** in a new house

Our goal must be to achieve a peaceful settlement.

cemetery

 a burial ground or graveyard; a place where dead bodies are buried

synonym: graveyard, burial ground, memorial park

(1) **cemetery** plot, (2) historic **cemetery**

We visited the **cemetery** to pay our respects to our deceased loved ones.

roster

a list of people's names, often who are available to do a job

synonym: listing, enrollment, registration

(1) roster index, (2) roster of cabinet

The club has notable celebrities on the roster.

bury

v. to place a dead body in the ground, grave, or tomb synonym: entomb, sink, forget

Page 17 / 64

(1) **bury** in the earth, (2) **bury** emotion There is plenty of space to **bury** everyone.

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

(1) graduate degree program, (2) honor graduate

Many employers hire **graduate** trainees to train as managers.

proxy

 a person or entity that is authorized to act on behalf of another person or entity

synonym: surrogate, representative, agent

(1) healthcare **proxy**, (2) **proxy** server

She voted by **proxy** because she was unable to attend in person.

valley

n. a long depression on the surface of the land, which typically contains a river

synonym: canyon, gorge, dale

(1) valley bottom, (2) basin-shaped valley

The **valley** had received a mild snowfall the previous week.

suppose

- v. to think that something is likely to be actual or possible synonym: guess, assume, presume
- (1) **suppose** you're right, (2) **suppose** beforehand What do you **suppose** the culprit's motive was?

herd

 a group of animals of the same type that live or are kept together as livestock

synonym: flock, brood, horde

(1) herd of cattle, (2) the common herd

He was riding **herd** on the sheep during the day.

COW

 a domesticated mammal with characteristic features such as a hump, large udders, and curved horns that is raised for its milk or meat synonym: bovine, cattle, kine

(1) cow herd, (2) dairy cow

The farmer milked the **cows** every morning before breakfast.

cowboy

n. a man, typically one on horseback, who herds and tends cattle, especially in the western US; a person who behaves roughly or recklessly, typically a man; a skilled ranch worker who is adept at many tasks, especially those involving horses and cattle

synonym: cowpuncher, rancher, wrangler

(1) **cowboy** rodeo, (2) **cowboy** boots

The **cowboy** hat she wore added to her rugged and tough look.

roll

v. to move in a particular direction by turning over and over or from side to side

synonym: spin, swirl, wheel

(1) roll a ball, (2) roll down his cheeks

He was exhausted and **rolled** into bed as soon as he got home.

indigenous

adj. someone or something that is native to or occurring naturally in a particular place

synonym: domestic, endemic, primitive

(1) indigenous crop, (2) indigenous peoples

The **indigenous** plants need to be pollinated by local insects.

abandon

v. to leave a place, thing, or person with no intention of returning; (noun) a feeling of extreme emotional intensity

synonym: relinquish, leave behind, disregard

(1) abandon a friend, (2) abandon the practice

The castle was **abandoned** several years later.

settler

 a person who moved with a group of others to live in a different country or area

synonym: frontiersperson, immigrant, emigrant

(1) new **settlers**, (2) **settlers** on some foreign shore

Page 19 / 64

A large proportion of railway workers in **settler** colonies were white.

wealth

 a large amount of money, property, or other things that someone or an organization owns

synonym: affluence, assets, fortunate

(1) majority of his wealth, (2) material wealth

The **wealth** inequality was unavoidable.

erect

v. to construct or build something; to cause to rise; (adjective) upright or vertical

synonym: build, set up, construct

(1) **erect** structure, (2) keep the flagpole **erect**

The workers were able to **erect** the tent in just a few minutes.

grave

a place where a dead body is buried, typically marked by a headstone or other memorial; a very serious, solemn, or important matter; (verb) to carve, cut, or etch a design, inscription, or mark onto a hard surface, such as stone or metal; (adjective) serious, solemn, or weighty in nature

synonym: tomb, crypt, sepulcher

(1) grave an image, (2) grave mistake

Many innocent civilians were killed and buried in mass **graves** outside the city during the war.

cholera

 a severe infectious disease that causes acute diarrhea, vomiting, and dehydration, often resulting in a rapid and dangerous loss of body fluids and electrolytes

synonym: infectious disease, epidemic, plague

(1) cholera toxin, (2) cholera epidemic

The outbreak of **cholera** was a major health crisis in the 19th century.

epidemic

 the widespread outbreak of a particular disease in a large number of people at the same time

synonym: outbreak, contagion, plague

(1) a worldwide epidemic ,	(2) health epidemic
The disease is now reachin	g epidemic proportions in our
country.	

sweep

- v. to clean something, especially a floor or an area, by using a broom; move swiftly and smoothlysynonym: clean, clear, brush off
- (1) **sweep** up dead leaves, (2) **sweep** a room with a glance The politician tried to **sweep** the embarrassing incident under the rug.

survive

- v. to live or exist despite a dangerous event or period synonym: endure, persist, stay
- (1) **survive** a blizzard, (2) **survive** a plane crash These birds can only **survive** in temperate climates.

enslave

v. to make someone a slave; to deprive someone of their freedom of choice or action

synonym: coerce, deprive, imprison

(1) **enslave** poor peasants, (2) **enslave** indigenous people Her beauty **enslaved** me completely.

sharecropper

 a farmer who cultivates a piece of land owned by someone else, usually in exchange for a share of the crops produced

synonym: tenant farmer, cropper, farmer

(1) **sharecropper** system, (2) **sharecropper** labor Many **sharecroppers** in the South were impoverished and trapped in a cycle of debt.

decide

- v. to make up someone's mind about something; to come to a conclusion or judgment after considering options
 synonym: choose, determine, settle
- (1) **decide** a question, (2) **decide** on a course of action She couldn't **decide** whether to order the pizza or the pasta for dinner.

historic

adj. famous or significant in history, or potentially so synonym: memorable, momentous, historical

(1) **historic** accomplishment, (2) achieve the **historic** feat The Chinese people have accomplished several **historic** feats.

forensic

adj. relating to the use of scientific methods and techniques to investigate and solve crimes or legal disputes; pertaining to or involved in legal or criminal proceedings; using scientific evidence to support a claim or argument in a court of law or other formal settings

synonym: legal, juridical, judicial

(1) find **forensic** evidence, (2) **forensic** team **Forensic** scientists analyzed the DNA evidence to solve the crime.

reconstruct

v. to build or form something again that has been damaged or destroyed

synonym: rebuild, revamp, reorganize

(1) **reconstruct** an image, (2) **reconstruct** the original text They've decided to **reconstruct** a ruined castle.

descent

the act or process of moving downward; a person's family origins

synonym: fall, drop, family

(1) **descent** from nobility, (2) **descent** of family The **descent** from the mountain was steep and rocky.

slavery

n. the practice or system of owning, buying, and selling people as property and forcing them to work

synonym: bondage, servitude, enslavement

(1) slavery labor, (2) institution of slavery

The abolition of **slavery** in the United States was a major achievement in the fight for human rights.

burial

n. the act or ceremony of placing a dead body in a grave synonym: interment, funeral, entombment

(1) **burial** at sea, (2) a round **burial** mound

The **burial** ceremony was a somber reminder of his passing.

grandparent

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

lounge

- n. a waiting room as in a hotel or airportsynonym: lobby, saloon, club
- (1) departure lounge, (2) conversation loungeWe will go to the VIP lounge at the airport till departure.

statistics

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

Session 2: Spelling

1. ro___r of cabinet

2. a female ja___r

3. b__y in the earth

4. basin-shaped va___y

5. mo__r tooth

6. sc___e resources

7. pos_____ty for growth

8. military ou____t

9. ra___t growth of weeds

a list of people's names, often who are available to do a job

 a large animal of the cat family that has a yellowish-brown coat with black spots, mainly found in parts of Central and South America

v. to place a dead body in the ground, grave, or tomb

n. a long depression on the surface of the land, which typically contains a river

n. one of the large teeth located in the back of the mouth used for grinding and chewing food; a dental drill used for removing decay or shaping teeth; (adjective) describing a solution in which the concentration of a solute is expressed in moles per liter (mol/L)

adj. not abundant or plentiful, and therefore not easy to find or obtain

n. a chance that something may happen or be true

 a small military camp at some distance from the main army, used mainly to observe an enemy's movements, etc.

 adj. (especially of something bad or unwelcome) flourishing or spreading everywhere in a way that cannot be controlled

ANSWERS: 1. roster, 2. jaguar, 3. bury, 4. valley, 5. molar, 6. scarce, 7. possibility, 8. outpost, 9. rampant

10. great-grant	n.	a parent of one's father or mother
11. f_e their homes	v.	to leave by running away, especially out of fear or danger
12. dental fl_s	n.	a thin thread or cord used to clean the spaces between the teeth
13. hiic accomplishment	adj.	famous or significant in history, or potentially so
14. presidential inaion	n.	the formal beginning or initiation of something, especially the beginning of a political leader's term in office; a ceremony marking the beginning of an organization or event
15. exte soil	v.	to dig or remove earth, rocks, or other materials from the ground or a site, often to uncover or discover something
16. self-intion	n.	a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
17. a wild jar	n.	a large animal of the cat family that has a yellowish-brown coat with black spots, mainly found in parts of Central and South America
18. ror index	n.	a list of people's names, often who are available to do a job
19. a cold cle	n.	the weather in a particular location averaged over some long period

ANSWERS: 10. grandparent, 11. flee, 12. floss, 13. historic, 14. inauguration, 15. excavate, 16. introduction, 17. jaguar, 18. roster, 19. climate

20. the ancient Egyptian stes	n.	a sculpture of a person or animal, typically made of stone or metal, that is intended to represent the subject in a lifelike or symbolic way
21. prehistoric arcgy	n.	the branch of anthropology that studies prehistoric people and their cultures
22. cae my name on the plate	ν.	to create something by cutting wood or stone; to turn sharply
23. som bicarbonate	n.	a metallic element that is the most common alkali metal and is used in the production of many chemicals, including soap, glass, and paper
24. go to the workplace by cye	n.	an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
25. syze hope	v.	to represent or stand for something else, particularly an abstract concept or idea; to be an emblem or sign of something
26. video pie	n.	(especially in the past) a person who attacks and robs ships at sea
27. reic democracy	n.	a state or country in which the people and their elected representatives hold supreme power and which has an elected or nominated president rather than a monarch
28. earliest human anor	n.	a person from whom one is descended; a forefather
29. cha toxin	n.	a severe infectious disease that causes acute diarrhea, vomiting, and dehydration, often resulting in a rapid and dangerous loss of body fluids and electrolytes

ANSWERS: 20. statue, 21. archaeology, 22. carve, 23. sodium, 24. cycle, 25. symbolize, 26. pirate, 27. republic, 28. ancestor, 29. cholera

30. de	ee on a course of action	ν.	to make up someone's mind about something; to come to a conclusion or judgment after considering options
31. sl	y labor	n.	the practice or system of owning, buying, and selling people as property and forcing them to work
32. ne	ew sers	n.	a person who moved with a group of others to live in a different country or area
33. er	nI coating	n.	a hard, glossy coating that is applied to surfaces such as metal, glass, or ceramics to protect them from wear, corrosion, or weathering; the hard, white outer layer of teeth
34. st	tum dating	n.	a chemical element with the symbol Sr and atomic number 38, a soft, silvery-white metal that is highly reactive with air and water and is used in various applications, including in nuclear medicine
35. a	fountain of wim	n.	the quality of being wise, or the ability to use your knowledge and experience to make sensible decisions
36. m	ie a service	<i>v</i> .	to move from one country or region to another and settle there; to move from one place to another periodically or seasonally
37. in	dus peoples	adj.	someone or something that is native to or occurring naturally in a particular place

ANSWERS: 30. decide, 31. slavery, 32. settler, 33. enamel, 34. strontium, 35. wisdom, 36. migrate, 37. indigenous

adj. clean or tidy, with everything in its place 38. an t piece of work 39. a beautiful st___e a sculpture of a person or animal, n. typically made of stone or metal, that is intended to represent the subject in a lifelike or symbolic way 40. p_t with questions to hit or throw things at someone or ν. something repeatedly and forcefully; to rain heavily 41. de____t of family the act or process of moving downward; a person's family origins 42. to___e cancer a moveable mass of muscle tissue covered with mucous membrane that is in the mouth; a language a long depression on the surface of the 43. va y bottom n. land, which typically contains a river 44. domiciliary c es a large hole in the side of a hill, cliff, n. mountain, or under the ground a person who is qualified and licensed 45. consult a de t n. to treat people's teeth one of the front teeth in the human or 46. sharpened in rs n. animal mouth that are used for biting or cutting food; a tooth adapted for cutting to make up someone's mind about 47. de___e a question something; to come to a conclusion or judgment after considering options

48. g m membership

49. wi m literature

ANSWERS: 38. neat, 39. statue, 40. pelt, 41. descent, 42. tongue, 43. valley, 44. cave, 45. dentist, 46. incisor, 47. decide, 48. gym, 49. wisdom

n.

a place equipped for exercise and other

the quality of being wise, or the ability to

use your knowledge and experience to

physical training

make sensible decisions

50.	trte the emotion to a movement	<i>v</i> .	to convert or change words into another language
51.	nt idea	adj.	clean or tidy, with everything in its place
52.	botanical ext	n.	a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force
53.	trte a document into English	<i>v</i> .	to convert or change words into another language
54.	material weh	n.	a large amount of money, property, or other things that someone or an organization owns
55.	sports gr	n.	a toothed wheel that engages another toothed mechanism to change the speed or direction of transmitted motion; a set of tools, equipment, or other items for a particular purpose
56.	p_p fiction	n.	a soft and moist mass of fibers or small pieces, typically produced by grinding, crushing, or shredding plant or wood material; a type of paper made from wood or plant pulp; the soft fleshy part of a fruit or vegetable
57.	the institute of arcgy	n.	the branch of anthropology that studies prehistoric people and their cultures
58.	a rol palace	adj.	relating to or belonging to the king or queen or a member of their family

ANSWERS: 50. translate, 51. neat, 52. extract, 53. translate, 54. wealth, 55. gear, 56. pulp, 57. archaeology, 58. royal

59.	tral islands	adj.	originating in, located in, or characteristic of the tropics
60.	shI blade	n.	a tool with a handle and broad scoop or blade used for digging or moving Earth, coal, snow, or other granular materials
61.	exte a deep hole	<i>v</i> .	to dig or remove earth, rocks, or other materials from the ground or a site, often to uncover or discover something
62.	act like a glor	n.	a person who fought in ancient Rome's public contests, typically armed with weapons and wearing armor to entertain audiences
63.	rat corruption	adj.	(especially of something bad or unwelcome) flourishing or spreading everywhere in a way that cannot be controlled
64.	mor absorbancy index	n.	one of the large teeth located in the back of the mouth used for grinding and chewing food; a dental drill used for removing decay or shaping teeth; (adjective) describing a solution in which the concentration of a solute is expressed in moles per liter (mol/L)
65.	vitamin and mils	n.	a solid inorganic substance occurring in nature having a definite chemical composition
66.	roy explain my idea	adv.	approximately but not precisely; with a violent manner
67.	abn the practice	ν.	to leave a place, thing, or person with no intention of returning; (noun) a feeling of extreme emotional intensity

ANSWERS: 59. tropical, 60. shovel, 61. excavate, 62. gladiator, 63. rampant, 64. molar, 65. mineral, 66. roughly, 67. abandon

68.	orange pp	n.	a soft and moist mass of fibers or small pieces, typically produced by grinding, crushing, or shredding plant or wood material; a type of paper made from wood or plant pulp; the soft fleshy part of a fruit or vegetable
69.	miI rights	n.	a solid inorganic substance occurring in nature having a definite chemical composition
70.	cot only in knowing facts	<i>v</i> .	to be composed or made up of
71.	die control	n.	a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
72.	have a thick skI	n.	a bone framework that surrounds the brain and gives the head its shape
73.	rare maw species	n.	a large, colorful parrot with a long tail found in tropical and subtropical regions of the Americas, known for its striking plumage and its ability to mimic human speech and sounds
74.	health epic	n.	the widespread outbreak of a particular disease in a large number of people at the same time
75.	wout machinery	adj.	exhausted or fatigued from overuse or prolonged activity; no longer effective or functional due to excessive wear or use
76.	frt transport	n.	goods or cargo that are transported by land, sea, or air; the transportation of goods or cargo by land, sea, or air

ANSWERS: 68. pulp, 69. mineral, 70. consist, 71. disease, 72. skull, 73. macaw, 74. epidemic, 75. worn-out, 76. freight

77. the cycle of po the condition of being extremely poor n. 78. an or language a person from whom one is descended; n. a forefather 79. keep the flagpole er t to construct or build something; to ν. cause to rise; (adjective) upright or vertical 80. de___t from nobility the act or process of moving downward; n. a person's family origins 81. improve social mo ty the ability to move or be moved freely or n. easily from one place, job, or social class to another to move in a particular direction by 82. r I down his cheeks turning over and over or from side to side a public square, marketplace, or similar 83. main pl a n. open area in a town, especially in Spanish-speaking countries adj. very wide; general 84. attract br d attention 85. ca y filling an empty space or hollowness within a n. solid object, especially within the body, such as a tooth or bone; a hole or depression in a surface or the ground to live or exist despite a dangerous 86. su e a plane crash event or period 87. D t approval

ANSWERS: 77. poverty, 78. ancestor, 79. erect, 80. descent, 81. mobility, 82. roll, 83. plaza, 84. broad, 85. cavity, 86. survive, 87. diet

n.

the food and drink that a person,

regularly; a legislative assembly in certain countries, for example, Japan

animal, or community eats and drinks

89. indal freedom n. a single person or thing, as distinct from a group 90. prr physics to chemistry v. to like, choose, or want one thing or person better than another 91. gr_e mistake n. a place where a dead body is buried, typically marked by a headstone or other memorial; a very serious, solemn, or important matter; (verb) to carve, cut, or etch a design, inscription, or mark onto a hard surface, such as stone or metal; (adjective) serious, solemn, or weighty in nature 92. candy fl_s n. a thin thread or cord used to clean the spaces between the teeth 93. ion of cam n. a chemical element with the symbol Ca and atomic number 20, which is an important mineral for the human body 94. setnt in a new house n. an official agreement that brings an argument to a close; the process of establishing permanent residence in a place. 95. tral cyclones auj. originating in, located in, or characteristic of the tropics 96. lack of oxn n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live	88.	scp of news	n.	a tool for lifting or moving substances in bulk, typically using a concave or spoon-shaped end; a piece of news that is obtained or published before anyone else
person better than another 91. gr_e mistake n. a place where a dead body is buried, typically marked by a headstone or other memorial; a very serious, solemn, or important matter; (verb) to carve, cut, or etch a design, inscription, or mark onto a hard surface, such as stone or metal; (adjective) serious, solemn, or weighty in nature 92. candy fl_s n. a thin thread or cord used to clean the spaces between the teeth 93. ion of cam n. a chemical element with the symbol Ca and atomic number 20, which is an important mineral for the human body 94. setnt in a new house n. an official agreement that brings an argument to a close; the process of establishing permanent residence in a place. 95. tral cyclones adj. originating in, located in, or characteristic of the tropics 96. lack of oxn n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and	89.	indal freedom	n.	
typically marked by a headstone or other memorial; a very serious, solemn, or important matter; (verb) to carve, cut, or etch a design, inscription, or mark onto a hard surface, such as stone or metal; (adjective) serious, solemn, or weighty in nature 92. candy fl_s n. a thin thread or cord used to clean the spaces between the teeth 93. ion of cam n. a chemical element with the symbol Ca and atomic number 20, which is an important mineral for the human body 94. setnt in a new house n. an official agreement that brings an argument to a close; the process of establishing permanent residence in a place. 95. tral cyclones adj. originating in, located in, or characteristic of the tropics 96. lack of oxn n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and	90.	prr physics to chemistry	ν.	_
spaces between the teeth 93. ion of cam n. a chemical element with the symbol Ca and atomic number 20, which is an important mineral for the human body 94. setnt in a new house n. an official agreement that brings an argument to a close; the process of establishing permanent residence in a place. 95. tral cyclones adj. originating in, located in, or characteristic of the tropics 96. lack of oxn n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and	91.	gre mistake	n.	typically marked by a headstone or other memorial; a very serious, solemn, or important matter; (verb) to carve, cut, or etch a design, inscription, or mark onto a hard surface, such as stone or metal; (adjective) serious, solemn, or
and atomic number 20, which is an important mineral for the human body 94. setnt in a new house n. an official agreement that brings an argument to a close; the process of establishing permanent residence in a place. 95. tral cyclones adj. originating in, located in, or characteristic of the tropics 96. lack of oxn n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and	92.	candy fls	n.	
argument to a close; the process of establishing permanent residence in a place. 95. tral cyclones adj. originating in, located in, or characteristic of the tropics 96. lack of oxn n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and	93.	ion of cam	n.	and atomic number 20, which is an
characteristic of the tropics 96. lack of oxn n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and	94.	setnt in a new house	n.	argument to a close; the process of establishing permanent residence in a
that is present in air and water and is necessary for people, animals, and	95.	tral cyclones	adj.	
	96.	lack of oxn	n.	that is present in air and water and is necessary for people, animals, and

ANSWERS: 88. scoop, 89. individual, 90. prefer, 91. grave, 92. floss, 93. calcium, 94. settlement, 95. tropical, 96. oxygen

- 97. sk__I fracture
- 98. healthcare pr y
- 99. mi____t worker
- 100. en____e poor peasants
- 101. tooth ca___y
- 102. bu___I at sea
- 103. rec____ct an image
- 104. c w herd
- 105. mi__r industry

- *n.* a bone framework that surrounds the brain and gives the head its shape
- *n*. a person or entity that is authorized to act on behalf of another person or entity
- n. a traveler who moves from one region or country to another, especially to find work or better living conditions; a bird or an animal that moves from one place to another
- v. to make someone a slave; to deprive someone of their freedom of choice or action
- an empty space or hollowness within a solid object, especially within the body, such as a tooth or bone; a hole or depression in a surface or the ground
- n. the act or ceremony of placing a dead body in a grave
- v. to build or form something again that has been damaged or destroyed
- a domesticated mammal with characteristic features such as a hump, large udders, and curved horns that is raised for its milk or meat
- a person who works in a mine (= excavation in the Earth from which ores and minerals are extracted), especially one who extracts coal, minerals, or precious metals from the Earth

ANSWERS: 97. skull, 98. proxy, 99. migrant, 100. enslave, 101. cavity, 102. burial, 103. reconstruct, 104. cow, 105. miner

106. the setnt of a dispute	n.	an official agreement that brings an argument to a close; the process of establishing permanent residence in a place.
107. institution of sly	n.	the practice or system of owning, buying, and selling people as property and forcing them to work
108. det a scene	v.	to illustrate someone or something in a photograph
109. the mion of birds	n.	the movement of animals to a new location, frequently as the seasons change
110. hd of cattle	n.	a group of animals of the same type that live or are kept together as livestock
111. nae to Africa	adj.	connecting with or describing someone's birth country or place of birth, or someone born in a specific country or place
112. lack in moty	n.	the ability to move or be moved freely or easily from one place, job, or social class to another
113. her dete screams	adj.	feeling or showing a lack of hope and a willingness to do anything because of the problematic situation
114. decorated with je	n.	a green or white mineral, typically composed of jadeite or nephrite, used for making jewelry and ornamental objects; an old or over-worked horse

ANSWERS: 106. settlement, 107. slavery, 108. depict, 109. migration, 110. herd, 111. native, 112. mobility, 113. desperate, 114. jade

115. ro h estimation adj. not quite exact or correct; having or caused by an irregular surface (also sulphur) a chemical element with 116. su___r dioxide the symbol S and atomic number 16, found in many minerals and sulfur compounds, often used in the production of fertilizers, rubber, paper, and other industrial applications 117. p_t him with stones to hit or throw things at someone or something repeatedly and forcefully; to rain heavily a public square, marketplace, or similar 118. memorial pl a open area in a town, especially in Spanish-speaking countries arid land with little or no vegetation 119. de___t basin often covered with sand or rocks a burial ground or graveyard; a place 120. historic ce___ry n. where dead bodies are buried 121. ch a epidemic a severe infectious disease that causes n. acute diarrhea, vomiting, and dehydration, often resulting in a rapid

122. a sc__p of ice cream

123. the common h__d

n. a tool for lifting or moving substances in bulk, typically using a concave or spoon-shaped end; a piece of news that is obtained or published before anyone else

electrolytes

and dangerous loss of body fluids and

 n. a group of animals of the same type that live or are kept together as livestock

ANSWERS: 115. rough, 116. sulfur, 117. pelt, 118. plaza, 119. desert, 120. cemetery, 121. cholera, 122. scoop, 123. herd

- 124. su____e you're right
- 125. around the gl__e
- 126. a worldwide ep___ic
- 127. departure lo e
- 128. gr__e an image

- 129. cl g tightly to the skin
- 130. dairy c w
- 131. person of gra nt age
- 132. ca__e a statue
- 133. oasis in the de t

- v. to think that something is likely to be actual or possible
- n. the earth or world, mainly used to emphasize its vastness
- the widespread outbreak of a particular disease in a large number of people at the same time
- n. a waiting room as in a hotel or airport
- n. a place where a dead body is buried, typically marked by a headstone or other memorial; a very serious, solemn, or important matter; (verb) to carve, cut, or etch a design, inscription, or mark onto a hard surface, such as stone or metal; (adjective) serious, solemn, or weighty in nature
- to hold onto something tightly; to be closely attached to someone or something
- n. a domesticated mammal with characteristic features such as a hump, large udders, and curved horns that is raised for its milk or meat
- n. a parent of one's father or mother
- v. to create something by cutting wood or stone; to turn sharply
- arid land with little or no vegetation often covered with sand or rocks

ANSWERS: 124. suppose, 125. globe, 126. epidemic, 127. lounge, 128. grave, 129. cling, 130. cow, 131. grandparent, 132. carve, 133. desert

134. ene indigenous people	<i>v</i> .	to make someone a slave; to deprive someone of their freedom of choice or action
135. conversation loe	n.	a waiting room as in a hotel or airport
136. prr a window seat	ν.	to like, choose, or want one thing or person better than another
137. enI mugs	n.	a hard, glossy coating that is applied to surfaces such as metal, glass, or ceramics to protect them from wear, corrosion, or weathering; the hard, white outer layer of teeth
138. 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
139. pae for a reaction	<i>v</i> .	to take a short break from talking or doing something before continuing
140. privilege of cly	n.	the official leaders of the religious activities, especially of the Christian Church
141. syze freedom	ν.	to represent or stand for something else, particularly an abstract concept or idea; to be an emblem or sign of something
142. capital-sce country	adj.	not abundant or plentiful, and therefore not easy to find or obtain
143. clg onto power	ν.	to hold onto something tightly; to be closely attached to someone or something

ANSWERS: 134. enslave, 135. lounge, 136. prefer, 137. enamel, 138. graduate, 139. pause, 140. clergy, 141. symbolize, 142. scarce, 143. cling

144.	а	no	е	family

145. ab____n a friend

146. ca____m deficiency

147. in___t daughter

148. no e gas

149. mo ty due to cancer

150. f__e abroad

151. a vo___e of discovery

152. during the Ming dy___y

153. b__y emotion

154. find fo____ic evidence

- adj. having or showing excellent personal qualities or high moral principles that people admire
- v. to leave a place, thing, or person with no intention of returning; (noun) a feeling of extreme emotional intensity
- a chemical element with the symbol Ca and atomic number 20, which is an important mineral for the human body
- n. a baby or very young child
- adj. having or showing excellent personal qualities or high moral principles that people admire
- n. the quality or state of being subject to death
- v. to leave by running away, especially out of fear or danger
- a long journey, especially by sea or in space
- a sequence of influential leaders who are all from the same family or a period when they rule a country
- v. to place a dead body in the ground, grave, or tomb
- adj. relating to the use of scientific methods and techniques to investigate and solve crimes or legal disputes; pertaining to or involved in legal or criminal proceedings; using scientific evidence to support a claim or argument in a court of law or other formal settings

ANSWERS: 144. noble, 145. abandon, 146. calcium, 147. infant, 148. noble, 149. mortality, 150. flee, 151. voyage, 152. dynasty, 153. bury, 154. forensic

n.	a person who is qualified and licensed to treat people's teeth
n.	a farmer who cultivates a piece of land owned by someone else, usually in exchange for a share of the crops produced
n.	an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
n.	a skilled worker who creates handmade objects, especially one who works with wood, metal, or other materials
n.	a man, typically one on horseback, who herds and tends cattle, especially in the western US; a person who behaves roughly or recklessly, typically a man; a skilled ranch worker who is adept at many tasks, especially those involving horses and cattle
n.	a state or country in which the people and their elected representatives hold supreme power and which has an elected or nominated president rather than a monarch
n.	a ship or large boat
n.	a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force
	n. n. n. n.

ANSWERS: 155. dentist, 156. sharecropper, 157. cycle, 158. craftsman, 159. cowboy, 160. republic, 161. vessel, 162. extract

163. 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
164. achieve the hiic feat	adj.	famous or significant in history, or potentially so
165. coy boots	n.	a man, typically one on horseback, who herds and tends cattle, especially in the western US; a person who behaves roughly or recklessly, typically a man; a skilled ranch worker who is adept at many tasks, especially those involving horses and cattle
166. idfy handwriting	<i>v</i> .	to recognize someone or something and say or prove who or what they are
167. ant stories	adj.	relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
168. indus crop	adj.	someone or something that is native to or occurring naturally in a particular place
169. the mouth of the ce	n.	a large hole in the side of a hill, cliff, mountain, or under the ground
170. snow shI	n.	a tool with a handle and broad scoop or blade used for digging or moving Earth, coal, snow, or other granular materials
171. swp a room with a glance	v.	to clean something, especially a floor or an area, by using a broom; move swiftly and smoothly

ANSWERS: 163. discovery, 164. historic, 165. cowboy, 166. identify, 167. ancient, 168. indigenous, 169. cave, 170. shovel, 171. sweep

172. cot mainly of cells	ν.	to be composed or made up of
173. out area	n.	a small military camp at some distance from the main army, used mainly to observe an enemy's movements, etc.
174. int food	n.	a baby or very young child
175. dete attempt	adj.	feeling or showing a lack of hope and a willingness to do anything because of the problematic situation
176. sur mine	n.	(also sulphur) a chemical element with the symbol S and atomic number 16, found in many minerals and sulfur compounds, often used in the production of fertilizers, rubber, paper, and other industrial applications
177. feeling wout	adj.	exhausted or fatigued from overuse or prolonged activity; no longer effective or functional due to excessive wear or use
178. mir strike	n.	a person who works in a mine (= excavation in the Earth from which ores and minerals are extracted), especially one who extracts coal, minerals, or precious metals from the Earth
179. a round buI mound	n.	the act or ceremony of placing a dead body in a grave
180. red-bellied maw	n.	a large, colorful parrot with a long tail found in tropical and subtropical regions

ANSWERS: 172. consist, 173. outpost, 174. infant, 175. desperate, 176. sulfur, 177. worn-out, 178. miner, 179. burial, 180. macaw

of the Americas, known for its striking plumage and its ability to mimic human

speech and sounds

v.	to build or form something again that has been damaged or destroyed
n.	a chance that something may happen or be true
n.	the food and drink that a person, animal, or community eats and drinks regularly; a legislative assembly in certain countries, for example, Japan
n.	the family or the ethnic descent that you come from
adj.	very wide; general
n.	a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
v.	to take a short break from talking or doing something before continuing
n.	the movement of animals to a new location, frequently as the seasons change
v.	to illustrate someone or something in a photograph
<i>v</i> .	to think that something is likely to be actual or possible
v.	to recognize someone or something and say or prove who or what they are
n.	the official leaders of the religious activities, especially of the Christian Church
	n. n. n. v. v. v. v.

ANSWERS: 181. reconstruct, 182. possibility, 183. diet, 184. ancestry, 185. broad, 186. disease, 187. pause, 188. migration, 189. depict, 190. suppose, 191. identify, 192. clergy

193. upper inr	n.	one of the front teeth in the human or animal mouth that are used for biting or cutting food; a tooth adapted for cutting
194. sers on some foreign shore	n.	a person who moved with a group of others to live in a different country or area
195. frt cost	n.	goods or cargo that are transported by land, sea, or air; the transportation of goods or cargo by land, sea, or air
196. mie across borders	<i>v</i> .	to move from one country or region to another and settle there; to move from one place to another periodically or seasonally
197. nae language	adj.	connecting with or describing someone's birth country or place of birth, or someone born in a specific country or place
198. swp up dead leaves	<i>v</i> .	to clean something, especially a floor or an area, by using a broom; move swiftly and smoothly
199. native toe	n.	a moveable mass of muscle tissue covered with mucous membrane that is in the mouth; a language
200. stum isotope	n.	a chemical element with the symbol Sr and atomic number 38, a soft, silvery-white metal that is highly reactive with air and water and is used in various applications, including in nuclear medicine
201. blood vels	n.	a ship or large boat

ANSWERS: 193. incisor, 194. settler, 195. freight, 196. migrate, 197. native, 198. sweep, 199. tongue, 200. strontium, 201. vessel

202. cran skill	n.	a skilled worker who creates handmade objects, especially one who works with wood, metal, or other materials
203. official stacs	n.	the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
204. grte degree program	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
205. a je accessory	n.	a green or white mineral, typically composed of jadeite or nephrite, used for making jewelry and ornamental objects; an old or over-worked horse
206. roy income	n.	revenue derived from the use of a patent, copyright, or other right; the people who are the family of a king and queen
207. take a voe	n.	a long journey, especially by sea or in space
208. dyy of China	n.	a sequence of influential leaders who are all from the same family or a period when they rule a country
209. intion education	n.	a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
210. pry server	n.	a person or entity that is authorized to act on behalf of another person or entity

ANSWERS: 202. craftsman, 203. statistics, 204. graduate, 205. jade, 206. royalty, 207. voyage, 208. dynasty, 209. introduction, 210. proxy

211. the ancient tb	n.	a large stone structure or underground chamber in which the dead are buried
212. stacs for cancer	n.	the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
213. poy alleviation	n.	the condition of being extremely poor
214. pie treasure	n.	(especially in the past) a person who attacks and robs ships at sea
215. lower infant moty	n.	the quality or state of being subject to death
216. pre-Christian ant	adj.	relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
217. reduce my som intake	n.	a metallic element that is the most common alkali metal and is used in the production of many chemicals, including soap, glass, and paper
218. a private indal	n.	a single person or thing, as distinct from a group
219. the movement of mit birds	n.	a traveler who moves from one region or country to another, especially to find work or better living conditions; a bird or an animal that moves from one place to another
220. a scientific diry	n.	the act or process of finding information a place, or an object, or learning about something that was previously not known
221. effects of cle change	n.	the weather in a particular location averaged over some long period

ANSWERS: 211. tomb, 212. statistics, 213. poverty, 214. pirate, 215. mortality, 216. ancient, 217. sodium, 218. individual, 219. migrant, 220. discovery, 221. climate

the earth or world, mainly used to 222. terrestrial gl e n. emphasize its vastness a place equipped for exercise and other 223. a g m suit n. physical training a toothed wheel that engages another 224. a g r change lever n. toothed mechanism to change the speed or direction of transmitted motion; a set of tools, equipment, or other items for a particular purpose to move in a particular direction by 225. r__l a ball turning over and over or from side to side the chemical element with the symbol O 226. the hydrogen binds the ox n n. that is present in air and water and is necessary for people, animals, and plants to live 227. majority of his we___h a large amount of money, property, or n. other things that someone or an organization owns adv. approximately but not precisely; with a 228. ro____y speaking

229. a grandchild of ro y

231. ina_____ion ceremony

230. bury in t b

revenue derived from the use of a patent, copyright, or other right; the people who are the family of a king and

violent manner

queen

- n. a large stone structure or underground chamber in which the dead are buried
- n. the formal beginning or initiation of something, especially the beginning of a political leader's term in office; a ceremony marking the beginning of an organization or event

ANSWERS: 222. globe, 223. gym, 224. gear, 225. roll, 226. oxygen, 227. wealth, 228. roughly, 229. royalty, 230. tomb, 231. inauguration

232. su e a blizzard to live or exist despite a dangerous ν. event or period 233. prince ro I adj. relating to or belonging to the king or queen or a member of their family 234. a distinguished an____ry the family or the ethnic descent that you n. come from 235. ce____ry plot a burial ground or graveyard; a place n. where dead bodies are buried a farmer who cultivates a piece of land 236. sha____per system owned by someone else, usually in exchange for a share of the crops produced adj. not quite exact or correct; having or 237. ro h and tough caused by an irregular surface 238. fo____ic team adj. relating to the use of scientific methods and techniques to investigate and solve crimes or legal disputes; pertaining to or involved in legal or criminal proceedings; using scientific evidence to support a claim or argument in a court of law or other formal settings to construct or build something; to 239. er t structure cause to rise; (adjective) upright or vertical 240. the Christian gl____or a person who fought in ancient Rome's public contests, typically armed with weapons and wearing armor to entertain audiences

ANSWERS: 232. survive, 233. royal, 234. ancestry, 235. cemetery, 236. sharecropper, 237. rough, 238. forensic, 239. erect, 240. gladiator

Session 3: Fill in the Blanks

plaza, 8. sulfur

1.	The birds open water areas with reeds around them.
v.	to like, choose, or want one thing or person better than another
2.	The plants need to be pollinated by local insects.
	someone or something that is native to or occurring naturally in a particular place
3.	The adept carefully carved the wooden figurine with precision and skill.
n.	a skilled worker who creates handmade objects, especially one who works with wood, metal, or other materials
4.	He was riding on the sheep during the day.
n.	a group of animals of the same type that live or are kept together as livestock
5.	The vehicle bounced along the mountain road.
adj	not quite exact or correct; having or caused by an irregular surface
6.	and weather have an impact on every part of our lifestyles.
n.	the weather in a particular location averaged over some long period
7.	Three young men were busking in the shopping
n.	a public square, marketplace, or similar open area in a town, especially in Spanish-speaking countries
8.	The emissions from the nearby factory caused the rotten egg smell.
n.	(also sulphur) a chemical element with the symbol S and atomic number 16, found in many minerals and sulfur compounds, often used in the production of fertilizers, rubber, paper, and other industrial applications
AN:	SWERS: 1. prefer. 2. indigenous. 3. craftsman. 4. herd. 5. rough. 6. Climate. 7.

9	storm Marco is making his way along the coast of Florida.
adj.	originating in, located in, or characteristic of the tropics
10. /	A large proportion of railway workers in colonies were white.
n.	a person who moved with a group of others to live in a different country or area
11. I	will introduce you to how to the leading causes of the malfunction.
<i>v</i> .	to recognize someone or something and say or prove who or what they are
12. I	In an overly protective industry, violations of the ethics rules tend to be
adj.	(especially of something bad or unwelcome) flourishing or spreading everywhere in a way that cannot be controlled
13. ľ	Many employers hire trainees to train as managers.
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
	As an he had the right to make his own decisions and live his life as he saw fit.
n.	a single person or thing, as distinct from a group
15. \	We will go to the VIP at the airport till departure.
n.	a waiting room as in a hotel or airport
16. ľ	Many Germans to South America in the mid-19th century.
<i>v</i> .	to move from one country or region to another and settle there; to move from one place to another periodically or seasonally
17. ⁻	The ceremony was a somber reminder of his passing.
n.	the act or ceremony of placing a dead body in a grave
	SWERS: 9. Tropical, 10. settler, 11. identify, 12. rampant, 13. graduate, 14. vidual, 15. lounge, 16. migrated, 17. burial

18. Five miles is similar to eight kilometers.
adv. approximately but not precisely; with a violent manner
19. The club has notable celebrities on the
n. a list of people's names, often who are available to do a job
20. He is a man
adj. having or showing excellent personal qualities or high moral principles that people admire
21. This examination of five problems to solve.
v. to be composed or made up of
22. In many cultures, the color white purity and innocence.
v. to represent or stand for something else, particularly an abstract concept or idea; to be an emblem or sign of something
23. There was a of impoverished farmers into the towns.
n. the movement of animals to a new location, frequently as the seasons change
24. The robust economy of the country is based on its resources.
 a solid inorganic substance occurring in nature having a definite chemical composition
25. She teaches at the local university.
n. the branch of anthropology that studies prehistoric people and their cultures
26. He looked down on the royal of the neighboring country.
n. the family or the ethnic descent that you come from
ANSWERS: 18. roughly, 19. roster, 20. noble-minded, 21. consists, 22. symbolizes, 23. migration, 24. mineral, 25. archaeology, 26. ancestry

32. The secular _____ improved the atmosphere of the meeting.

spots, mainly found in parts of Central and South America

n. the official leaders of the religious activities, especially of the Christian Church

33. My remote _____ immigrated to the United States from Ireland in the 1800s.

a person from whom one is descended; a forefather

ANSWERS: 27. voyage, 28. ancient, 29. scoop, 30. molar, 31. jaguar's, 32. clergy, 33. ancestor

ANSWERS: 34. historic, 35. wealth, 36. diet, 37. abandoned, 38. enslaved, 39. graves, 40. oxygen

ANSWERS: 41. inauguration, 42. gym, 43. caves, 44. sweep, 45. settlement, 46. incisor, 47. outposts, 48. bury

to place a dead body in the ground, grave, or tomb

Vocab-Builder Ref from "Carolyn Freiwald: The hidden history found in your teeth | TED Talk" (120 words)

ANSWERS: 57. reconstruct, 58. discovery, 59. grandparents, 60. shovel, 61. migrant, 62. broad, 63. cholera, 64. tongue

desperate, 71. pulp, 72. decide

cemetery, 79. calcium, 80. rolled

81.	The farmer milked the every morning before breakfast.
n.	a domesticated mammal with characteristic features such as a hump, large udders, and curved horns that is raised for its milk or meat
82.	The vegetation here is almost wholly
adj	connecting with or describing someone's birth country or place of birth, or someone born in a specific country or place
83.	It is a basic instinct to from a dangerous situation.
ν.	to leave by running away, especially out of fear or danger
84.	I have a in one of my molars and must schedule a dentist appointment.
n.	an empty space or hollowness within a solid object, especially within the body, such as a tooth or bone; a hole or depression in a surface or the ground
85.	Many studies have investigated the relationship between and academic achievement.
n.	the condition of being extremely poor
86.	The of the famous hero stood proudly in the town square.
n.	a sculpture of a person or animal, typically made of stone or metal, that is intended to represent the subject in a lifelike or symbolic way
87.	The from the mountain was steep and rocky.
n.	the act or process of moving downward; a person's family origins
88.	The food chain causes a material
n.	an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
	SWERS: 81. cows, 82. native, 83. flee, 84. cavity, 85. poverty, 86. statue, 87. scent, 88. cycle

89. A	rchaeologists found a Neanderthal at that historic site.
n.	a bone framework that surrounds the brain and gives the head its shape
90. SI	he is willing to give up her position in the family to marry him.
adj.	relating to or belonging to the king or queen or a member of their family
91. TI	ne to the new class was informative and engaging.
	a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
92. la	am going to the family to get my teeth cleaned.
n.	a person who is qualified and licensed to treat people's teeth
	ne of the unknown soldier honored the bravery and sacrifice of those who st their lives in battle.
<i>n</i> .	a large stone structure or underground chamber in which the dead are buried
	e sure to use a clean section of for each tooth to avoid spreading acteria.
<i>n</i> .	a thin thread or cord used to clean the spaces between the teeth
95. D	uring the Habsburg colonization began.
	a sequence of influential leaders who are all from the same family or a period when they rule a country
96	scientists analyzed the DNA evidence to solve the crime.
(relating to the use of scientific methods and techniques to investigate and solve crimes or legal disputes; pertaining to or involved in legal or criminal proceedings; using scientific evidence to support a claim or argument in a court of law or other formal settings
	VERS: 89. skull, 90. royal, 91. introduction, 92. dentist, 93. tomb, 94. floss, 95. sty, 96. Forensic

Page 61 / 64

republic

n. a green or white mineral, typically composed of jadeite or nephrite, used for making jewelry and ornamental objects; an old or over-worked horse

ANSWERS: 103. depicted, 104. freight, 105. cowboy, 106. mobility, 107. proxy, 108. enamel, 109. jade

ANSWERS: 110. possibility, 111. gear, 112. pelted, 113. infant, 114. valley, 115. desert, 116. neat, 117. globe, 118. gladiator's

119.	The	_ arrived in port the following day.	
n.	a ship or la	rge boat	

120. 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: 119. vessel, 120. disease