

Englist.me



Vocabulary Builder Reference from...

Ariel Waldman: The invisible life hidden beneath

Antarctica's ice | TED Talk

https://www.ted.com/talks/ariel_waldman_the_invisible_life_hidden_beneath_antarctica_s_ice

All Words

IMPORTANT

This material is a commentary and does not contain any copyrighted material of the reference source. We strongly recommend accessing/buying the reference source at the same time.

Session 1: Word List

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.

life-form

n. a living organism, especially one that has a distinct shape, structure, or behavior

synonym: organism, species, living organism

(1) **life-form** discovery, (2) a minute **life-form**

Scientists are searching for signs of **life-form** on other planets.

invisible

adj. impossible or nearly impossible to see

synonym: hidden, imperceptible, unseen

(1) an **invisible** asset, (2) **invisible** stars

The phenomenon is **invisible** at optical wavelengths.

astronaut

n. a person trained by a space agency to travel outside the Earth's atmosphere

synonym: spaceman, cosmonaut

(1) **astronaut** mission, (2) **astronaut** in training

The shuttle **astronaut** trained for months before embarking on the space mission.

alien

n. a person who comes from a different country, race, or group; a form of life assumed to exist outside the Earth or its atmosphere

synonym: foreigner, unfamiliar, unknown

(1) **alien** fungi, (2) resident **aliens**

Alien species have drastically altered the ecosystem in this area.

faraway

adj. located at a geographically distant place; remote or separated by distance; distant or not easily accessible

synonym: distant, remote, far-off

(1) **faraway** land, (2) **faraway** dream

The view from the **faraway** hilltop was breathtakingly beautiful.

exoplanet

n. a planet that orbits a star outside of the solar system

(1) the closest **exoplanet** to Earth, (2) **exoplanet** mission

The **exoplanet** Kepler-186f is located 500 light-years from Earth and is believed to be habitable.

diatom

n. a type of single-celled algae that is characterized by its ornate and intricate silica shells, which form a distinctive pattern or design when viewed under a microscope

synonym: algae, phytoplankton

(1) **diatom** species, (2) freshwater **diatoms**

Diatom fossils can tell us a lot about the history and environment of the oceans.

photosynthesis

n. the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.

(1) oxygenic **photosynthesis**, (2) process of **photosynthesis**

In **photosynthesis**, plants use carbon dioxide to feed themselves.

algae

n. A simple plant that grows in or near water and lacks typical leaves and roots

(1) **algae** biofuel, (2) blue **algae**

Algae has jammed the inlet to the water turbine.

responsible

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

synonym: accountable, answerable, liable

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

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

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

(1) the hydrogen binds the **oxygen**, (2) lack of **oxygen**

The passenger grabbed for the **oxygen** mask.

planet

n. 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.

intricately

adv. in a manner that involves a lot of detailed and complex arrangement or planning; with many interconnected parts or components

synonym: complexly, elaborately

(1) **intricately** woven, (2) **intricately** decorated

The watch was **intricately** designed, with many small moving parts.

sculpt

v. to create a work of art by carving, casting, or other shaping techniques

synonym: carve, mold, shape

(1) **sculpt** an image, (2) **sculpt** prototype

He spent hours every day **sculpting** figures out of clay.

geometric

adj. relating to or having the characteristics of geometry (= the shape, properties, and relations of points, lines, surfaces, solids)

synonym: mathematical, symmetrical, regular

(1) a **geometric** proof, (2) **geometric** pattern

The **geometric** shapes and patterns in the artwork are visually stunning.

exoskeleton

n. a hard, external protective covering or framework that supports and gives shape to the body of an invertebrate animal, such as an insect or crab

synonym: chitin, exocuticle, carapace

(1) **exoskeleton** suit, (2) robotic **exoskeleton**

The **exoskeleton** of the crab protects it from predators and environmental changes.

swirl

v. to move in a circular or spiral pattern

synonym: spin, whirl, turn

(1) **swirl** the wine, (2) **swirl** up dirt and dust

The chef expertly **swirled** the sauce onto the plate.

sink

v. to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else

synonym: descend, drop, plummet

(1) **sink** a lot of capital, (2) **sink** a buzzer-beater

The abandoned ship slowly began to **sink** into the murky waters of the harbor.

depth

n. the distance between the top and bottom of something; between the top surface and a distance below it

synonym: deepness, profoundness, extent

(1) **depth** camera, (2) the **depth** of the water

The pond's **depth** was around five feet.

carbon

n. a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals

(1) **carbon** dioxide, (2) **carbon** emission

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

grave

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

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.

sequester

v. to take temporary possession of someone's property until a debt is paid.

synonym: isolate, set apart, segregate

(1) **sequester** ten percent of the annual carbon emissions,

(2) **sequester** myself from the world

He approved their requests to **sequester** the jury.

weird

adj. extraordinary, unexpected, or difficult to explain

synonym: bizarre, creepy, peculiar

(1) a **weird** dress, (2) the state of being **weird**

My computer has been acting **weird** recently.

sight

n. the ability to see; anything that is seen

synonym: vision, spectacle, view

(1) an unexpected **sight**, (2) dull **sight**

Many famous **sights** are within walking distance.

typical

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

synonym: characteristic, usual, distinctive

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

This artwork is **typical** of her work.

lifeless

adj. without life; dead

synonym: inanimate, inert, motionless

(1) fall **lifeless**, (2) a **lifeless** corpse

The plant had a **lifeless** appearance, indicating that it was not getting enough water.

penguin

n. a flightless sea bird that is found in the Southern Hemisphere and is known for its distinctive black and white coloring and its upright, waddling gait

(1) Adelie **penguin**, (2) **penguin** habitat

We took a boat tour to witness the magnificent **penguin** colony along the rugged coastline.

polar

adj. relating to, or close to, the North or South Pole; characterized by complete opposites

synonym: opposing, contrary, contrasting

(1) **polar** bears, (2) **polar** regions

Polar animals are graceful and efficient swimmers.

oasis

n. a fertile land in a desert or semi-desert environment where there is water and therefore plants and trees and sometimes a village or town

(1) tropical **oasis**, (2) **oasis** farming

The **oasis** supplied water for early farms until the modern age.

countless

adj. too numerous to be counted or very many

synonym: innumerable, myriad, numerous

(1) **countless** hours, (2) answer **countless** questions
There are **countless** methods for dealing with stress.

utterly

adv. completely or absolutely

synonym: absolutely, completely, perfectly

(1) **utterly** changed, (2) **utterly** ignorant

We are **utterly** opposed to any form of terrorism.

fascinating

adj. extremely interesting

synonym: alluring, intriguing, captivating

(1) **fascinating** story, (2) completely **fascinating** to me

The museum houses a **fascinating** collection of Celtic artifacts.

documentary

n. a film or a radio or television program that gives facts and information about a subject; of or derived from official documents

synonym: film, broadcast, doco

(1) a **documentary** film, (2) **documentary** proof

He won an award for that short **documentary**.

lurk

v. to wait somewhere secretly, especially because you are about to attack someone or do something bad or illegal

synonym: hide, creep, stalk

(1) **lurked** behind the words, (2) **lurk** in the darkness

In the city, the risk of traffic accidents **lurks** at every corner.

beneath

adv. in or to a lower place than someone or something

synonym: down, under, low

(1) the ground **beneath** my feet, (2) **beneath** contempt

A great stretch of the lake lay **beneath** them.

virtually

adv. almost completely

synonym: almost, basically, nearly

(1) **virtually** all countries, (2) **virtually** identical

Virtually all the parties signed the contract.

microbe

n. a tiny living thing that can only be seen with a microscope and that may cause disease

synonym : germ, microorganism, bacterium

(1) pathogenic **microbe**, (2) **microbes** sterilizer

Microbes thrive on the surface of the human skin.

embedded

adj. fixed firmly into the surface of something

synonym : ingrained, implanted, inserted

(1) **embedded** systems, (2) LED- **embedded** glass

The **embedded** chip in my credit card allows me to make contactless payments.

glacier

n. a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole

synonym : iceberg, ice floe

(1) **glacier** retreat, (2) **glaciers** move tardily

The **glaciers** of the ice age have shaped Fjord.

underneath

adv. under or below something else

synonym : below, under, beneath

(1) **underneath** the surface of the water, (2) **underneath** the laughter

The penny fell **underneath** the piano.

glacial

adj. relating to or resembling a glacier (= a slowly moving mass of ice) or the process of glaciation; characterized by an extremely slow or gradual pace or movement

synonym : cold, icy, frozen

(1) **glacial** movements, (2) **glacial** terrain

The **glacial** pace of the negotiations frustrated both parties.

pond

n. a small, shallow lake

synonym : lake, pool, basin

(1) a garden **pond**, (2) **pond** water

The freshwater **pond** was home to many different types of fish and was a popular spot for fishing.

charismatic

adj. having a strong and magnetic personality that attracts and influences others

synonym: mesmerizing, alluring, captivating

(1) **charismatic** chairman, (2) **charismatic** personality

He was a **charismatic** leader and could persuade others to follow his ideas.

megafauna

n. a term used to describe large animals that lived during the Pleistocene epoch, such as mammoths, mastodons, and saber-toothed tigers, and that are now extinct

synonym: large animals, large mammals

(1) **megafauna** extinction, (2) **megafauna** fossils

Many prehistoric **megafaunas**, such as mammoths and saber-toothed tigers, are now extinct.

compel

v. to force or require someone to do something; to exert a strong, irresistible force or pressure that makes someone act in a certain way

synonym: force, oblige, coerce

(1) **compel** a person to submission, (2) **compel** attention

The strict deadlines will **compel** the team to work efficiently.

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.

expedition

n. a journey or voyage for a specific purpose

synonym: journey, trip, voyage

(1) **expedition** team, (2) a polar **expedition**

The **expedition** to the Amazon jungle was both exciting and challenging.

essentially

adv. relating to the essential features or concepts of anything
synonym: fundamentally, basically, virtually

(1) **essentially** correct, (2) become **essentially** same
Essentially, a society is an organism.

wildlife

n. animals, birds, insects, etc. that grow independently of people and live in natural conditions

(1) **wildlife** sanctuary, (2) bird and other **wildlife**
The conservation area has an abundance of **wildlife**.

filmmaker

n. a person who makes films, typically as a profession
synonym: director, producer, cinematographer

(1) non-fiction **filmmaker**, (2) a successful **filmmaker**
The renowned **filmmaker** won several awards for his latest film.

pound

n. the standard unit of money in the UK; the standard unit of weight equal to 16 ounces

(1) three-fourths of a **pound**, (2) thousands of **pounds**
The car's front bumper cost fifteen hundred **pounds**.

gear

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

synonym: equipment, tools, apparatus

(1) sports **gear**, (2) a **gear** change lever
She checked her **gear** before embarking on the hike.

military

adj. relating to or characteristic of members of the armed forces; of or relating to war or warfare

synonym: armed, martial, warlike

(1) a **military** operation, (2) a **military** leader
The **military** academy was known for its strict discipline and training.

aircraft

n. any vehicle that can fly and carry things or passengers, such as a plane or helicopter

synonym: airplane, plane, airliner

(1) an **aircraft** landing, (2) **aircraft** control system

The marine **aircraft** manufacturer demonstrated their newest hydroplane.

microscope

n. an instrument used to see objects or substances that are too small to be seen with the naked eye

synonym: lens, magnifier, eyepiece

(1) **microscope** slide, (2) electron **microscope**

I used an optical **microscope** to observe the small organisms in the water sample.

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.

microscopic

adj. tiny; exceedingly precise and detail-oriented; of or used in microscopy

synonym: infinitesimal, tiny, atomic

(1) **microscopic** inquiry, (2) **microscopic** analysis

Inspectors noticed **microscopic** cracks in the submarine's hull.

extremophile

n. a type of organism, typically a microbe, that can survive and thrive in extreme or harsh environments that would be inhospitable to most other forms of life, such as high heat, acidity, radiation, or pressure

(1) **extremophile** adaptations, (2) **extremophile** habitat

Extremophile bacteria can survive in extreme heat, cold, and radiation.

ecosystem

n. 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**.

venture

n. a business project or activity that is risky or daring

synonym: enterprise, undertaking, adventure

(1) **venture** capital, (2) a joint **venture**

The **venture** into the new market was risky, but it paid off.

glimpse

n. a brief or partial view; the act of seeing something or someone for a very short time or only partly

synonym: glance, peek, sighting

(1) a momentary **glimpse**, (2) passing **glimpse**

Our team caught a **glimpse** of the world-class technique in this game.

tube

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

synonym: pipe, hose, duct

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

The **tube** train was packed with commuters during rush hour.

insert

v. to put something inside something else

synonym: introduce, add, embed

(1) **insert** coin, (2) **insert** a graphic

She **inserted** a new chapter into her manuscript.

witness

n. a person who sees something happen, especially a crime or an accident

synonym: onlooker, attestant, bystander

(1) **witness** of the car accident, (2) a material **witness**

The manufacturing industry is **witnessing** fierce competition.

suspend

v. to stop something from continuing or being in force or effect, either temporarily or permanently; to hang something freely

synonym: stop, postpone, adjourn

(1) **suspend** a decision, (2) **suspend** fruits from the ceiling
The University **suspended** the most recalcitrant demonstrators.

seafloor

n. the bottom of the ocean

synonym: ocean floor, benthic zone, abyssal plain

(1) **seafloor** exploration, (2) **seafloor** mapping

The oceanographer studied the **seafloor** topography to understand how it had changed over time.

illuminate

v. to light something or to make something lighter or brighter; to make something free from confusion or ambiguity

synonym: brighten, light, adorn

(1) **illuminate** a dark hall, (2) **illuminate** my understanding
That biologist **illuminated** the mechanism of heredity.

ceiling

n. a room's top interior surface

synonym: canopy, awning, shelter

(1) **ceiling** board, (2) **ceiling** light

There was a crack in the **ceiling** that I found.

absolutely

adv. without restriction or limitation; completely or utterly

synonym: completely, utterly, definitely

(1) **absolutely** against, (2) **absolutely** obsessed with the girl

I am **absolutely** opposed to his idea because of morality.

magical

adj. produced by or containing supernatural powers

synonym: enchanting, occult, supernatural

(1) **magical** place, (2) **magical** powers

When I was a child, my mother often cast **magical** spells to

ease my pain whenever I was injured.

critter

n. a small or unimportant creature or animal, often used in a familiar or affectionate way

synonym: animal, creature, beast

(1) cute **critter**, (2) wild **critter**

During their camping trip, the kids were excited to go **critter** hunting in the woods.

delight

n. a feeling of great pleasure or happiness

synonym: pleasure, joy, satisfaction

(1) a tremor of **delight**, (2) with **delight**

The **delight** on the child's faces when they received the toy was priceless.

shrimp

n. a small, freshwater or saltwater creature with a slender body and long legs

synonym: prawn, langoustine, scampi

(1) **shrimp** cocktail, (2) **shrimp** farming

The seafood restaurant had a variety of dishes featuring **shrimp**.

afield

adv. far away from home; in a field or rural area, often used in the context of hunting or gathering wild plants

synonym: afar, far away, far off

(1) drive farther **afield**, (2) travel **afield**

They ventured **afield** in search of a rare species of bird.

continent

n. one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex

synonym: landmass, (adjective) chaste, (adjective) pure

(1) the inland of a **continent**, (2) **continent** urinary diversion

Flight across the **continent** was a daring adventure in its day.

bacteria

n. single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the

air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease

synonym : microorganism, microbe

(1) pathogenic **bacteria**, (2) harmless **bacteria**

Bacteria prevalent in hospitals are often resistant to antibiotics.

phenomenon

n. something that exists and can be perceptible, especially one that is not fully understood

synonym : marvel, wonder, splendor

(1) natural **phenomenon**, (2) historical **phenomenon**

A rainbow is a natural **phenomenon**.

spurt

v. to suddenly burst forth or flow out powerfully or suddenly; to make a sudden effort or increase in activity or energy

synonym : gush, surge, spew

(1) unexpectedly **spurt**, (2) **spurt** across the table

The water hose suddenly **spurred** out a strong jet of water.

oxide

n. a chemical compound that contains at least one oxygen atom and one other element

(1) silver **oxide**, (2) combined **oxide**

The blood's red coloring comes from iron **oxide**.

hike

n. a long walk or journey, especially for pleasure or exercise; an increase in cost

synonym : walk, trek, excursion

(1) go on a **hike**, (2) a **hike** in prices

The family decided to **hike** in the mountains to enjoy the beautiful scenery.

drill

n. a tool or machine used for making round holes or driving fasteners; a training or practice

synonym : exercise, routine, training

(1) the **drill** hit the well, (2) fire **drill**

Several military **drill** programs have become popular methods of exercise.

rev

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

synonym : revolution, RPM, speed

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

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

hard-core

n. a subgroup or subculture within a larger group or community that is characterized by a particularly intense, committed, or extreme set of practices, beliefs, or values

synonym : hard-line, purist, fanatic

(1) **hard-core** group, (2) **hard-core** music fan

The **hard-core** gamers were up until 4 am playing video games.

cryoconite

n. fine sediment or debris that accumulates on the surface of glaciers or ice sheets, typically composed of rock particles, mineral dust, and organic matter; it can have an impact on the surface melting and the overall mass balance of the ice

synonym : sediment, dust, debris

(1) **cryoconite** hole, (2) **cryoconite** sediment

In Arctic regions, **cryoconite** particles can accelerate the melting of glaciers.

dirt

n. soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock

synonym : filth, grime, muck

(1) **dirt** road, (2) **dirt** track

The garden was filled with **dirt** and needed to be tilled before

planting.

melt

v. to turn from something solid into something soft or liquid as a result of heating

synonym: disintegrate, soften, disappear

(1) **melt** the ice, (2) **melt** down gold

Her resistance **melted** under his persuasion.

preserve

v. to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed

synonym: conserve, care for, maintain

(1) **preserve** my strength, (2) **preserve** a country's heritage

They worked hard to **preserve** the nature of their native lands.

puck

n. a small, hard rubber disc used in ice hockey and other related games; a mischievous or playful sprite or demon in folklore and mythology

synonym: disc, rubber

(1) hockey **puck**, (2) **puck** handling

The hockey player took a shot but missed the **puck** entirely.

universe

n. everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy

synonym: cosmos, macrocosm

(1) theory of the **universe**, (2) expansion of the **universe**

The **universe** is about 13.8 billion years old.

recognize

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

synonym: acknowledge, identify, admit

(1) **recognize** talent, (2) **recognize** achievement

It's important to **recognize** your strengths and weaknesses.

tardigrade

n. a microscopic, water-dwelling animal that is known for its resilience and ability to survive extreme conditions

synonym : water bear, moss piglet

(1) tiny **tardigrade**, (2) **tardigrade** research

Scientists have studied the resilience of the **tardigrade**, also known as a water bear.

gum

n. a soft, sticky substance that is chewed to freshen the breath or to clean the teeth; the flesh that surrounds the teeth in the mouth

synonym : mucilage, glue, alveolar arch

(1) bubble **gum**, (2) chewing **gum**

I always like having a pack of **gum** to freshen my breath.

claw

n. a curved, pointed appendage found on the foot or leg of an animal, used for gripping or grasping; a human hand with long, narrow fingers that are curved like a claw; a machine or tool with a claw-like opening used for gripping or lifting objects

synonym : paw, talon, nail

(1) **claw** marks, (2) **claw** hammer

The bear used its **claw** to catch a fish in the river.

possess

v. to have or own something or to have as an attribute, knowledge, skill, etc.

synonym : keep, maintain, own

(1) **possess** a basic knowledge, (2) **possess** divine powers

He **possesses** a good sense of humor.

superpower

n. a country or nation that has significant global influence or formidable military, economic, or technological strength; a supernatural ability or force capable of extraordinary feats or feats beyond normal human capabilities

synonym : great power, empire, hegemony

(1) **superpower** country, (2) **superpower** leader

The ability to fly like a bird is often considered a **superpower**

in comic books and movies.

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.

extreme

adj. very great in amount or degree

synonym: farthestmost, outermost, fierce

(1) **extreme** sports, (2) **extreme** weather events

Solar gravity creates **extreme** pressures and temperatures.

vacuum

n. a space empty of matter; a device or tool used for cleaning or removing debris by creating suction

synonym: void, emptiness, gap

(1) **vacuum** cleaner, (2) **vacuum** packing

Please use the **vacuum** to clean up the mess on the floor.

moss

n. a small, soft plant that grows in a low, compact layer, often on the ground or on rocks

synonym: plant, foliage, greenery

(1) green **moss**, (2) **moss** garden

Moss grows in damp, shaded areas and is often found on the forest floor.

crack

v. to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking

synonym: snap, burst, break

(1) **crack** an eggshell, (2) a **crack** in a board

He that would eat the kernel must **crack** the nut.

nematode

n. a type of long, thin, cylindrical worm that is found in soil and water and can be parasitic or free-living

synonym: roundworm, threadworm

(1) microscopic **nematode**, (2) soil-dwelling **nematode**

The **nematode** worm is commonly used as a model organism for genetic studies.

earthworm

n. a common type of worm that lives in soil

synonym: angleworm, wiggler, crawler

(1) **earthworm** type robot, (2) trample an **earthworm**

We fed the birds daily with insects and **earthworms**.

regenerate

v. to improve or renew an area, institution, system, etc., especially by making it more active or successful

synonym: renew, revive, improve

(1) **regenerate** bone tissue, (2) a **regenerate** sinner

The new CEO's primary mission is to **regenerate** the company on the verge of bankruptcy.

crawl

v. to move forward slowly, as people or animals with their bodies near the ground

synonym: creep, drag

(1) **crawl** across the floor, (2) **crawl** away from a car

Along the gravel roads, sizeable yellow school buses **crawl**.

dagger

n. a short, pointed knife with sharp edges used as a weapon or tool

synonym: shiv, poniard, blade

(1) **dagger** piercing, (2) sheathed **dagger**

The assassin pulled out a **dagger** from his belt to complete the task.

needle

n. 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.

spearfish

- v.* to hunt or catch fish using a spear or similar sharp tool, typically while freediving or snorkeling, rather than using breathing apparatus such as scuba gear; (noun) a variety of fish belonging to the family Istiophoridae, which includes several species such as the white marlin, blue marlin, and sailfish

synonym: spear, harpoon, impale

(1) **spearfish** in the area, (2) Hawaiian **spearfish**

The diver's goal was to **spearfish** a massive grouper for dinner.

prey

- n.* 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.

rot

- v.* to decay, or cause something to decay, naturally and gradually

synonym: perish, decay, corrode

(1) begin to **rot**, (2) **rot** with age

Please refrigerate the meat, or it will **rot**.

amazing

- adj.* extremely surprising, especially in a way that you like or admire

synonym: exceptional, extraordinary, wonderful

(1) **amazing** advances, (2) the most **amazing** feeling

The golfer recorded an **amazing** distance.

crown

- n.* a circular ornamental headdress, worn as a symbol of authority by a king, usually made of gold and precious stones

synonym: tiara, headdress, royalty

(1) the imperial **crown**, (2) the **crown** and throne

The bishop bestowed the golden **crown** on the king.

cilium

n. a microscopic, hair-like cellular projection that is found on the surface of many cells in the body, helping them to move or trap debris

synonym : eyelash, flagellum

(1) **cilium** movement, (2) primary **cilium**

The microscopic analysis revealed a **cilium's** presence on the single-celled organism's surface.

digestive

adj. relating to or capable of causing or promoting digestion of food

(1) **digestive** juices, (2) a **digestive** enzyme

A nutritious diet improves **digestive** functions.

transparent

adj. easy to perceive, detect, or understand; (of a material or article) permitting light to pass through freely

synonym : translucent, evident, diaphanous

(1) a **transparent** lie, (2) **transparent** crystal

The focus of these initiatives is to make the financial system more **transparent**.

cyanobacteria

n. a group of photosynthetic bacteria that possess chlorophyll and blue pigments and are characteristically found in aquatic environments; also known as blue-green algae

synonym : blue-green algae, blue-green bacteria, pond scum

(1) **cyanobacteria** blooms, (2) marine **cyanobacteria**

The toxic algae bloom in the lake was caused by an overgrowth of **cyanobacteria**.

confetti

n. small pieces of colored paper or other material that are thrown around on festive occasions, especially in celebration or as part of the decoration

(1) **confetti** party, (2) **confetti-filled** balloons

We threw **confetti** at the wedding to celebrate the happy couple.

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.

petri

n. (petri dish) a small, clear, and round dish with a lid used in laboratories, especially for growing bacteria

(1) **petri** dish test, (2) bacteria on **petri** dishes

Glass **petri** dishes are used to culture microorganisms.

scan

v. to examine something hastily, with the eyes or with a machine, to get information

synonym: look over, scrutinize, browse

(1) **scan** the face of the man, (2) **scan** a document into PDF

She stood on the podium and **scanned** an audience.

electron

n. a tiny particle with the negative electrical charge

synonym: negatron

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

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

microorganism

n. a very small living thing that may exist in its single-celled form or as a colony of cells and is too small to be seen without a microscope

synonym: germ, microbe, bacterium

(1) pathogenic **microorganism**, (2) **microorganisms** in his gut

This **microorganism** is a producer of respiratory disease.

scary

adj. causing fear or fright; frightening; intimidating

synonym: terrifying, frightening, alarming

(1) **scary** dream, (2) **scary** story

The horror movie was so **scary** that I couldn't watch it alone.

monster

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

synonym : giant, freak, behemoth

(1) horde of **monsters**, (2) **monster** film

This car has a **monster** engine.

elusive

adj. difficult to find, define, achieve, or remember

synonym : mysterious, ambiguous, inapproachable

(1) an **elusive** criminal, (2) track down an **elusive** fact

The physicist who found the **elusive** particle won the Nobel Prize.

interact

v. to communicate or react with somebody

synonym : cooperate, combine, collaborate

(1) **interact** directly with customers, (2) **interact** with one another

He should **interact** more with his colleagues.

environment

n. 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**.

waddle

v. to walk with short, unsteady steps, swaying from side to side; (noun) a rolling gait or awkward walk, often accompanied by the swaying of the body from side to side, as is typical of certain birds and aquatic animals

synonym : waggle, toddle, totter

(1) **waddle** like a duck, (2) cute **waddle**

The little penguin **waddled** awkwardly across the icy landscape.

glide

v. to move smoothly and effortlessly

synonym : slide, skim, coast

(1) **glide** through the water, (2) **glide** down the mountain
The eagle gracefully **glided** on the thermals, soaring above the mountains.

insight

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

synonym: wisdom, discernment, understanding

(1) a profound **insight**, (2) share my **insights**

We gained various **insights** by analyzing the vast amount of data owned by the company.

backyard

n. a whole space behind and belonging to a house

synonym: courtyard, garden

(1) play in the **backyard**, (2) **backyard** barbecue

He grows vegetables in his **backyard**.

whimsical

adj. unusual and not severe in a way that might be funny or annoying; determined by chance or impulse or whim rather than by necessity or reason

synonym: capricious, impulsive, flighty

(1) **whimsical** reasons, (2) a **whimsical** person

Much of his painting has a **whimsical** quality.

Session 2: Spelling

1. cute wa___e
v. to walk with short, unsteady steps, swaying from side to side; (noun) a rolling gait or awkward walk, often accompanied by the swaying of the body from side to side, as is typical of certain birds and aquatic animals
2. lack of ox___n
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
3. become ess_____ly same
adv. relating to the essential features or concepts of anything
4. co___l attention
v. to force or require someone to do something; to exert a strong, irresistible force or pressure that makes someone act in a certain way
5. hockey p__k
n. a small, hard rubber disc used in ice hockey and other related games; a mischievous or playful sprite or demon in folklore and mythology
6. green m__s
n. a small, soft plant that grows in a low, compact layer, often on the ground or on rocks
7. sc__y story
adj. causing fear or fright; frightening; intimidating
8. beam of el_____ons
n. a tiny particle with the negative electrical charge

ANSWERS: 1. waddle, 2. oxygen, 3. essentially, 4. compel, 5. puck, 6. moss, 7. scary, 8. electron

9. p__d water *n.* a small, shallow lake
10. c__w hammer *n.* a curved, pointed appendage found on the foot or leg of an animal, used for gripping or grasping; a human hand with long, narrow fingers that are curved like a claw; a machine or tool with a claw-like opening used for gripping or lifting objects
11. fairly ty____l symptoms *adj.* having the usual characteristics or traits of a specific group of things
12. co____l a person to submission *v.* to force or require someone to do something; to exert a strong, irresistible force or pressure that makes someone act in a certain way
13. m__t the ice *v.* to turn from something solid into something soft or liquid as a result of heating
14. play in the ba____rd *n.* a whole space behind and belonging to a house
15. a joint ve____e *n.* a business project or activity that is risky or daring
16. a cr__k in a board *v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking
17. inv____te the matter *v.* to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth

ANSWERS: 9. pond, 10. claw, 11. typical, 12. compel, 13. melt, 14. backyard, 15. venture, 16. crack, 17. investigate

18. microscopic ne____de
n. a type of long, thin, cylindrical worm that is found in soil and water and can be parasitic or free-living
19. be____h contempt
adv. in or to a lower place than someone or something
20. cha____ic chairman
adj. having a strong and magnetic personality that attracts and influences others
21. cr__k an eggshell
v. to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking
22. mi____es sterilizer
n. a tiny living thing that can only be seen with a microscope and that may cause disease
23. al__n fungi
n. a person who comes from a different country, race, or group; a form of life assumed to exist outside the Earth or its atmosphere
24. tropical oa__s
n. a fertile land in a desert or semi-desert environment where there is water and therefore plants and trees and sometimes a village or town
25. abs____ly obsessed with the girl
adv. without restriction or limitation; completely or utterly
26. va____m cleaner
n. a space empty of matter; a device or tool used for cleaning or removing debris by creating suction
27. 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

ANSWERS: 18. nematode, 19. beneath, 20. charismatic, 21. crack, 22. microbe, 23.

alien, 24. oasis, 25. absolutely, 26. vacuum, 27. grave

28. the ground be_____h my feet *adv.* in or to a lower place than someone or something
29. po__r bears *adj.* relating to, or close to, the North or South Pole; characterized by complete opposites
30. ba_____rd barbecue *n.* a whole space behind and belonging to a house
31. drive farther af____d *adv.* far away from home; in a field or rural area, often used in the context of hunting or gathering wild plants
32. d__t road *n.* soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock
33. m__t down gold *v.* to turn from something solid into something soft or liquid as a result of heating
34. co_____ti party *n.* small pieces of colored paper or other material that are thrown around on festive occasions, especially in celebration or as part of the decoration
35. in____t coin *v.* to put something inside something else
36. me_____na extinction *n.* a term used to describe large animals that lived during the Pleistocene epoch, such as mammoths, mastodons, and saber-toothed tigers, and that are now extinct
37. re_____ze achievement *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered

ANSWERS: 28. beneath, 29. polar, 30. backyard, 31. afield, 32. dirt, 33. melt, 34. confetti, 35. insert, 36. megafauna, 37. recognize

38. s__n the face of the man *v.* to examine something hastily, with the eyes or with a machine, to get information
39. cry_____te hole *n.* fine sediment or debris that accumulates on the surface of glaciers or ice sheets, typically composed of rock particles, mineral dust, and organic matter; it can have an impact on the surface melting and the overall mass balance of the ice
40. mic_____ic inquiry *adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy
41. answer co_____ss questions *adj.* too numerous to be counted or very many
42. di_____ve juices *adj.* relating to or capable of causing or promoting digestion of food
43. va___m packing *n.* a space empty of matter; a device or tool used for cleaning or removing debris by creating suction
44. with de_____t *n.* a feeling of great pleasure or happiness
45. theory of the un_____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
46. ex_____e sports *adj.* very great in amount or degree
47. gl_____l terrain *adj.* relating to or resembling a glacier (= a slowly moving mass of ice) or the process of glaciation; characterized by an extremely slow or gradual pace or movement

ANSWERS: 38. scan, 39. cryoconite, 40. microscopic, 41. countless, 42. digestive, 43. vacuum, 44. delight, 45. universe, 46. extreme, 47. glacial

48. ill_____te my understanding *v.* to light something or to make something lighter or brighter; to make something free from confusion or ambiguity
49. gl__e through the water *v.* to move smoothly and effortlessly
50. marine ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
51. a ge_____ic proof *adj.* relating to or having the characteristics of geometry (= the shape, properties, and relations of points, lines, surfaces, solids)
52. save the pl____t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
53. r_t with age *v.* to decay, or cause something to decay, naturally and gradually
54. gl_____r retreat *n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
55. sp_____sh in the area *v.* to hunt or catch fish using a spear or similar sharp tool, typically while freediving or snorkeling, rather than using breathing apparatus such as scuba gear; (noun) a variety of fish belonging to the family Istiophoridae, which includes several species such as the white marlin, blue marlin, and sailfish

ANSWERS: 48. illuminate, 49. glide, 50. ecosystem, 51. geometric, 52. planet, 53. rot, 54. glacier, 55. spearfish

56. co_____nt urinary diversion *n.* one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex
57. di___m species *n.* a type of single-celled algae that is characterized by its ornate and intricate silica shells, which form a distinctive pattern or design when viewed under a microscope
58. int_____ly decorated *adv.* in a manner that involves a lot of detailed and complex arrangement or planning; with many interconnected parts or components
59. vi_____ly identical *adv.* almost completely
60. chewing g_m *n.* a soft, sticky substance that is chewed to freshen the breath or to clean the teeth; the flesh that surrounds the teeth in the mouth
61. gl__e down the mountain *v.* to move smoothly and effortlessly
62. am_____g advances *adj.* extremely surprising, especially in a way that you like or admire
63. track down an el_____e fact *adj.* difficult to find, define, achieve, or remember
64. l__ked behind the words *v.* to wait somewhere secretly, especially because you are about to attack someone or do something bad or illegal
65. int_____ly woven *adv.* in a manner that involves a lot of detailed and complex arrangement or planning; with many interconnected parts or components

ANSWERS: 56. continent, 57. diatom, 58. intricately, 59. virtually, 60. gum, 61. glide, 62. amazing, 63. elusive, 64. lurk, 65. intricately

77. fas_____ng story *adj.* extremely interesting
78. pl___t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
79. m__s garden *n.* a small, soft plant that grows in a low, compact layer, often on the ground or on rocks
80. ut_____y ignorant *adv.* completely or absolutely
81. ci___m movement *n.* a microscopic, hair-like cellular projection that is found on the surface of many cells in the body, helping them to move or trap debris
82. em_____ed systems *adj.* fixed firmly into the surface of something
83. abs_____ly against *adv.* without restriction or limitation; completely or utterly
84. bacteria on pe__i dishes *n.* (petri dish) a small, clear, and round dish with a lid used in laboratories, especially for growing bacteria
85. s__k a buzzer-beater *v.* to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else
86. completely fas_____ng to me *adj.* extremely interesting
87. the state of being we__d *adj.* extraordinary, unexpected, or difficult to explain

ANSWERS: 77. fascinating, 78. planet, 79. moss, 80. utterly, 81. cilium, 82. embedded, 83. absolutely, 84. petri, 85. sink, 86. fascinating, 87. weird

88. the most am____g feeling *adj.* extremely surprising, especially in a way that you like or admire
89. sc__y dream *adj.* causing fear or fright; frightening; intimidating
90. passing gl____e *n.* a brief or partial view; the act of seeing something or someone for a very short time or only partly
91. a h__e in prices *n.* a long walk or journey, especially for pleasure or exercise; an increase in cost
92. primary ci____m *n.* a microscopic, hair-like cellular projection that is found on the surface of many cells in the body, helping them to move or trap debris
93. gr__e an image *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
94. sewing ne____e *n.* a thin, pointed object typically used for sewing or medical purposes; a metal or plastic instrument used for administering injections or drawing blood
95. ut____y changed *adv.* completely or absolutely
96. the dr__l hit the well *n.* a tool or machine used for making round holes or driving fasteners; a training or practice

ANSWERS: 88. amazing, 89. scary, 90. glimpse, 91. hike, 92. cilium, 93. grave, 94. needle, 95. utterly, 96. drill

97. fire dr__l *n.* a tool or machine used for making round holes or driving fasteners; a training or practice
98. sheathed da___r *n.* a short, pointed knife with sharp edges used as a weapon or tool
99. expansion of the un_____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
100. change the ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
101. in_____le stars *adj.* impossible or nearly impossible to see
102. in_____ct directly with customers *v.* to communicate or react with somebody
103. sw__l up dirt and dust *v.* to move in a circular or spiral pattern
104. go on a h__e *n.* a long walk or journey, especially for pleasure or exercise; an increase in cost
105. se_____or mapping *n.* the bottom of the ocean
106. wild cr_____r *n.* a small or unimportant creature or animal, often used in a familiar or affectionate way
107. three-fourths of a po__d *n.* the standard unit of money in the UK; the standard unit of weight equal to 16 ounces
108. cya_____ria blooms *n.* a group of photosynthetic bacteria that possess chlorophyll and blue pigments and are characteristically found in aquatic environments; also known as blue-green algae

ANSWERS: 97. drill, 98. dagger, 99. universe, 100. ecosystem, 101. invisible, 102. interact, 103. swirl, 104. hike, 105. seafloor, 106. critter, 107. pound, 108. cyanobacteria

109. ai_____ft control system *n.* any vehicle that can fly and carry things or passengers, such as a plane or helicopter
110. pr_____ve my strength *v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed
111. in_____ct with one another *v.* to communicate or react with somebody
112. a mi_____ry leader *adj.* relating to or characteristic of members of the armed forces; of or relating to war or warfare
113. li_____rm discovery *n.* a living organism, especially one that has a distinct shape, structure, or behavior
114. ma_____l place *adj.* produced by or containing supernatural powers
115. sh____p cocktail *n.* a small, freshwater or saltwater creature with a slender body and long legs
116. a li_____ss corpse *adj.* without life; dead
117. the closest ex_____et to Earth *n.* a planet that orbits a star outside of the solar system
118. ess_____ly correct *adv.* relating to the essential features or concepts of anything
119. wh_____al reasons *adj.* unusual and not severe in a way that might be funny or annoying; determined by chance or impulse or whim rather than by necessity or reason
120. oa__s farming *n.* a fertile land in a desert or semi-desert environment where there is water and therefore plants and trees and sometimes a village or town

ANSWERS: 109. aircraft, 110. preserve, 111. interact, 112. military, 113. life-form, 114. magical, 115. shrimp, 116. lifeless, 117. exoplanet, 118. essentially, 119. whimsical, 120. oasis

121. freshwater di___ms *n.* a type of single-celled algae that is characterized by its ornate and intricate silica shells, which form a distinctive pattern or design when viewed under a microscope
122. cr____re of habit *n.* a living being, especially an animal
123. a momentary gl____e *n.* a brief or partial view; the act of seeing something or someone for a very short time or only partly
124. blue al__e *n.* A simple plant that grows in or near water and lacks typical leaves and roots
125. p__k handling *n.* a small, hard rubber disc used in ice hockey and other related games; a mischievous or playful sprite or demon in folklore and mythology
126. p__y of beast *n.* the object of a hunt; an animal hunted or trapped for eating
127. an ai____ft landing *n.* any vehicle that can fly and carry things or passengers, such as a plane or helicopter
128. de__h camera *n.* the distance between the top and bottom of something; between the top surface and a distance below it
129. a material wi____s *n.* a person who sees something happen, especially a crime or an accident
130. horde of mo____rs *n.* an imaginary creature that is large and has various human and animal parts; someone or something large and powerful

ANSWERS: 121. diatom, 122. creature, 123. glimpse, 124. algae, 125. puck, 126. prey, 127. aircraft, 128. depth, 129. witness, 130. monster

131. process of pho_____sis *n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.
132. a tremor of de_____t *n.* a feeling of great pleasure or happiness
133. inv_____te a data leak *v.* to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth
134. ha_____re group *n.* a subgroup or subculture within a larger group or community that is characterized by a particularly intense, committed, or extreme set of practices, beliefs, or values
135. exp_____on team *n.* a journey or voyage for a specific purpose
136. ma_____l powers *adj.* produced by or containing supernatural powers
137. low-r_v engine *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
138. po_____s divine powers *v.* to have or own something or to have as an attribute, knowledge, skill, etc.
139. dull si__t *n.* the ability to see; anything that is seen
140. pathogenic mi_____e *n.* a tiny living thing that can only be seen with a microscope and that may cause disease

ANSWERS: 131. photosynthesis, 132. delight, 133. investigate, 134. hard-core, 135. expedition, 136. magical, 137. rev, 138. possess, 139. sight, 140. microbe

141. a di_____ve enzyme *adj.* relating to or capable of causing or promoting digestion of food
142. ve_____e capital *n.* a business project or activity that is risky or daring
143. s__n a document into PDF *v.* to examine something hastily, with the eyes or with a machine, to get information
144. ge_____ic pattern *adj.* relating to or having the characteristics of geometry (= the shape, properties, and relations of points, lines, surfaces, solids)
145. Hawaiian sp_____sh *v.* to hunt or catch fish using a spear or similar sharp tool, typically while freediving or snorkeling, rather than using breathing apparatus such as scuba gear; (noun) a variety of fish belonging to the family Istiophoridae, which includes several species such as the white marlin, blue marlin, and sailfish
146. begin to r_t *v.* to decay, or cause something to decay, naturally and gradually
147. become p__y to terrorists *n.* the object of a hunt; an animal hunted or trapped for eating
148. co_____ss hours *adj.* too numerous to be counted or very many
149. the cr__n and throne *n.* a circular ornamental headdress, worn as a symbol of authority by a king, usually made of gold and precious stones

ANSWERS: 141. digestive, 142. venture, 143. scan, 144. geometric, 145. spearfish, 146. rot, 147. prey, 148. countless, 149. crown

150. thousands of po__ds *n.* the standard unit of money in the UK; the standard unit of weight equal to 16 ounces
151. mic_____isms in his gut *n.* a very small living thing that may exist in its single-celled form or as a colony of cells and is too small to be seen without a microscope
152. as_____ut mission *n.* a person trained by a space agency to travel outside the Earth's atmosphere
153. ca___n emission *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
154. pr_____ve a country's heritage *v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed
155. wi_____fe sanctuary *n.* animals, birds, insects, etc. that grow independently of people and live in natural conditions
156. a wh_____al person *adj.* unusual and not severe in a way that might be funny or annoying; determined by chance or impulse or whim rather than by necessity or reason
157. da___r piercing *n.* a short, pointed knife with sharp edges used as a weapon or tool
158. r_v up the crowd *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

ANSWERS: 150. pound, 151. microorganism, 152. astronaut, 153. carbon, 154. preserve, 155. wildlife, 156. whimsical, 157. dagger, 158. rev

159. doc_____ry proof *n.* a film or a radio or television program that gives facts and information about a subject; of or derived from official documents
160. historical phe_____on *n.* something that exists and can be perceptible, especially one that is not fully understood
161. the de__h of the water *n.* the distance between the top and bottom of something; between the top surface and a distance below it
162. I__k in the darkness *v.* to wait somewhere secretly, especially because you are about to attack someone or do something bad or illegal
163. the imperial cr__n *n.* a circular ornamental headdress, worn as a symbol of authority by a king, usually made of gold and precious stones
164. LED-em_____ed glass *adj.* fixed firmly into the surface of something
165. ty_____l leader *adj.* having the usual characteristics or traits of a specific group of things
166. mic_____ic analysis *adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy
167. res_____le for a customer service *adj.* answerable or accountable for something within one's power, control, or management
168. travel af____d *adv.* far away from home; in a field or rural area, often used in the context of hunting or gathering wild plants

ANSWERS: 159. documentary, 160. phenomenon, 161. depth, 162. lurk, 163. crown, 164. embedded, 165. typical, 166. microscopic, 167. responsible, 168. afield

169. combined ox__e *n.* a chemical compound that contains at least one oxygen atom and one other element
170. fa_____y land *adj.* located at a geographically distant place; remote or separated by distance; distant or not easily accessible
171. a mi_____ry operation *adj.* relating to or characteristic of members of the armed forces; of or relating to war or warfare
172. reg_____te bone tissue *v.* to improve or renew an area, institution, system, etc., especially by making it more active or successful
173. ex_____e weather events *adj.* very great in amount or degree
174. a tra_____nt lie *adj.* easy to perceive, detect, or understand; (of a material or article) permitting light to pass through freely
175. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
176. gl_____l movements *adj.* relating to or resembling a glacier (= a slowly moving mass of ice) or the process of glaciation; characterized by an extremely slow or gradual pace or movement
177. wi_____s of the car accident *n.* a person who sees something happen, especially a crime or an accident
178. re_____ze talent *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered

ANSWERS: 169. oxide, 170. faraway, 171. military, 172. regenerate, 173. extreme, 174. transparent, 175. environment, 176. glacial, 177. witness, 178. recognize

179. a doc_____ry film *n.* a film or a radio or television program that gives facts and information about a subject; of or derived from official documents
180. a profound in_____t *n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like
181. silver ox___e *n.* a chemical compound that contains at least one oxygen atom and one other element
182. po_____s a basic knowledge *v.* to have or own something or to have as an attribute, knowledge, skill, etc.
183. non-fiction fi_____er *n.* a person who makes films, typically as a profession
184. se_____er myself from the world *v.* to take temporary possession of someone's property until a debt is paid.
185. gl_____rs move tardily *n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
186. ext_____ile adaptations *n.* a type of organism, typically a microbe, that can survive and thrive in extreme or harsh environments that would be inhospitable to most other forms of life, such as high heat, acidity, radiation, or pressure
187. ex_____et mission *n.* a planet that orbits a star outside of the solar system
188. an el_____e criminal *adj.* difficult to find, define, achieve, or remember

ANSWERS: 179. documentary, 180. insight, 181. oxide, 182. possess, 183. filmmaker, 184. sequester, 185. glacier, 186. extremophile, 187. exoplanet, 188. elusive

189. a we__d dress *adj.* extraordinary, unexpected, or difficult to explain
190. mic_____pe slide *n.* an instrument used to see objects or substances that are too small to be seen with the naked eye
191. ca___n dioxide *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
192. trample an ea_____rm *n.* a common type of worm that lives in soil
193. se_____er ten percent of the annual carbon emissions *v.* to take temporary possession of someone's property until a debt is paid.
194. ex_____e in popularity *v.* to burst or break open violently and noisily; to cause something to burst or break open
195. the inland of a co_____nt *n.* one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex
196. wa___e like a duck *v.* to walk with short, unsteady steps, swaying from side to side; (noun) a rolling gait or awkward walk, often accompanied by the swaying of the body from side to side, as is typical of certain birds and aquatic animals
197. flow of el_____ons *n.* a tiny particle with the negative electrical charge
198. pe_____n habitat *n.* a flightless sea bird that is found in the Southern Hemisphere and is known for its distinctive black and white coloring and its upright, waddling gait

ANSWERS: 189. weird, 190. microscope, 191. carbon, 192. earthworm, 193. sequester, 194. explode, 195. continent, 196. waddle, 197. electron, 198. penguin

199. in___t a graphic *v.* to put something inside something else
200. a minute li_____rm *n.* a living organism, especially one that has a distinct shape, structure, or behavior
201. al___e biofuel *n.* A simple plant that grows in or near water and lacks typical leaves and roots
202. po___r regions *adj.* relating to, or close to, the North or South Pole; characterized by complete opposites
203. fall li_____ss *adj.* without life; dead
204. cry_____te sediment *n.* fine sediment or debris that accumulates on the surface of glaciers or ice sheets, typically composed of rock particles, mineral dust, and organic matter; it can have an impact on the surface melting and the overall mass balance of the ice
205. bubble g_m *n.* a soft, sticky substance that is chewed to freshen the breath or to clean the teeth; the flesh that surrounds the teeth in the mouth
206. me_____na fossils *n.* a term used to describe large animals that lived during the Pleistocene epoch, such as mammoths, mastodons, and saber-toothed tigers, and that are now extinct
207. ce_____g light *n.* a room's top interior surface
208. exo_____on suit *n.* a hard, external protective covering or framework that supports and gives shape to the body of an invertebrate animal, such as an insect or crab

ANSWERS: 199. insert, 200. life-form, 201. algae, 202. polar, 203. lifeless, 204. cryoconite, 205. gum, 206. megafauna, 207. ceiling, 208. exoskeleton

209. a successful fi_____er *n.* a person who makes films, typically as a profession
210. su_____d a decision *v.* to stop something from continuing or being in force or effect, either temporarily or permanently; to hang something freely
211. a glass t___e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
212. ex_____e our options *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
213. soil-dwelling ne_____de *n.* a type of long, thin, cylindrical worm that is found in soil and water and can be parasitic or free-living
214. ex_____e the world *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
215. sh____p farming *n.* a small, freshwater or saltwater creature with a slender body and long legs
216. a garden p__d *n.* a small, shallow lake
217. pe__i dish test *n.* (petri dish) a small, clear, and round dish with a lid used in laboratories, especially for growing bacteria
218. ex_____e in anger *v.* to burst or break open violently and noisily; to cause something to burst or break open

ANSWERS: 209. filmmaker, 210. suspend, 211. tube, 212. explore, 213. nematode, 214. explore, 215. shrimp, 216. pond, 217. petri, 218. explode

219. su____d fruits from the ceiling *v.* to stop something from continuing or being in force or effect, either temporarily or permanently; to hang something freely
220. pathogenic mic_____ism *n.* a very small living thing that may exist in its single-celled form or as a colony of cells and is too small to be seen without a microscope
221. ea_____rm type robot *n.* a common type of worm that lives in soil
222. electron mic_____pe *n.* an instrument used to see objects or substances that are too small to be seen with the naked eye
223. cute cr_____r *n.* a small or unimportant creature or animal, often used in a familiar or affectionate way
224. s__k a lot of capital *v.* to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else
225. ill_____te a dark hall *v.* to light something or to make something lighter or brighter; to make something free from confusion or ambiguity
226. tar_____de research *n.* a microscopic, water-dwelling animal that is known for its resilience and ability to survive extreme conditions
227. an unexpected si__t *n.* the ability to see; anything that is seen
228. resident al__ns *n.* a person who comes from a different country, race, or group; a form of life assumed to exist outside the Earth or its atmosphere

ANSWERS: 219. suspend, 220. microorganism, 221. earthworm, 222. microscope, 223. critter, 224. sink, 225. illuminate, 226. tardigrade, 227. sight, 228. alien

229. a g__r change lever *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
230. sports g__r *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
231. the hydrogen binds the ox___n *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
232. a reg_____te sinner *v.* to improve or renew an area, institution, system, etc., especially by making it more active or successful
233. res_____le action *adj.* answerable or accountable for something within one's power, control, or management
234. ha_____re music fan *n.* a subgroup or subculture within a larger group or community that is characterized by a particularly intense, committed, or extreme set of practices, beliefs, or values
235. d__t track *n.* soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock
236. cr__l across the floor *v.* to move forward slowly, as people or animals with their bodies near the ground

ANSWERS: 229. gear, 230. gear, 231. oxygen, 232. regenerate, 233. responsible, 234. hard-core, 235. dirt, 236. crawl

237. sw__l the wine *v.* to move in a circular or spiral pattern
238. sp__t across the table *v.* to suddenly burst forth or flow out powerfully or suddenly; to make a sudden effort or increase in activity or energy
239. und_____th the laughter *adv.* under or below something else
240. sup_____er country *n.* a country or nation that has significant global influence or formidable military, economic, or technological strength; a supernatural ability or force capable of extraordinary feats or feats beyond normal human capabilities
241. Adelie pe_____n *n.* a flightless sea bird that is found in the Southern Hemisphere and is known for its distinctive black and white coloring and its upright, waddling gait
242. pathogenic ba_____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
243. share my in_____ts *n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like
244. mo_____r film *n.* an imaginary creature that is large and has various human and animal parts; someone or something large and powerful

ANSWERS: 237. swirl, 238. spurt, 239. underneath, 240. superpower, 241. penguin, 242. bacteria, 243. insight, 244. monster

245. ext_____ile habitat *n.* a type of organism, typically a microbe, that can survive and thrive in extreme or harsh environments that would be inhospitable to most other forms of life, such as high heat, acidity, radiation, or pressure
246. sc___t prototype *v.* to create a work of art by carving, casting, or other shaping techniques
247. c__w marks *n.* a curved, pointed appendage found on the foot or leg of an animal, used for gripping or grasping; a human hand with long, narrow fingers that are curved like a claw; a machine or tool with a claw-like opening used for gripping or lifting objects
248. robotic exo_____on *n.* a hard, external protective covering or framework that supports and gives shape to the body of an invertebrate animal, such as an insect or crab
249. harmless ba_____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
250. ce_____g board *n.* a room's top interior surface
251. an in_____le asset *adj.* impossible or nearly impossible to see
252. su_____e a plane crash *v.* to live or exist despite a dangerous event or period

ANSWERS: 245. extremophile, 246. sculpt, 247. claw, 248. exoskeleton, 249. bacteria, 250. ceiling, 251. invisible, 252. survive

253. sc___t an image *v.* to create a work of art by carving, casting, or other shaping techniques
254. fa____y dream *adj.* located at a geographically distant place; remote or separated by distance; distant or not easily accessible
255. oxygenic pho_____sis *n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.
256. as_____ut in training *n.* a person trained by a space agency to travel outside the Earth's atmosphere
257. tra_____nt crystal *adj.* easy to perceive, detect, or understand; (of a material or article) permitting light to pass through freely
258. ne___e prick *n.* a thin, pointed object typically used for sewing or medical purposes; a metal or plastic instrument used for administering injections or drawing blood
259. su_____e a blizzard *v.* to live or exist despite a dangerous event or period
260. a capillary t__e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
261. natural phe_____on *n.* something that exists and can be perceptible, especially one that is not fully understood

ANSWERS: 253. sculpt, 254. faraway, 255. photosynthesis, 256. astronaut, 257. transparent, 258. needle, 259. survive, 260. tube, 261. phenomenon

262. marine cya_____ria *n.* a group of photosynthetic bacteria that possess chlorophyll and blue pigments and are characteristically found in aquatic environments; also known as blue-green algae
263. co_____ti-filled balloons *n.* small pieces of colored paper or other material that are thrown around on festive occasions, especially in celebration or as part of the decoration
264. und_____th the surface of the water *adv.* under or below something else

ANSWERS: 262. cyanobacteria, 263. confetti, 264. underneath

Session 3: Fill in the Blanks

1. There was a crack in the _____ that I found.
n. a room's top interior surface

2. The manufacturing industry is _____ fierce competition.
n. a person who sees something happen, especially a crime or an accident

3. The abandoned ship slowly began to _____ into the murky waters of the harbor.
v. to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else

4. She stood on the podium and _____ an audience.
v. to examine something hastily, with the eyes or with a machine, to get information

5. She's a _____ pet owner who ensures her dog gets enough exercise and a healthy diet.
adj. answerable or accountable for something within one's power, control, or management

6. We took a boat tour to witness the magnificent _____ colony along the rugged coastline.
n. a flightless sea bird that is found in the Southern Hemisphere and is known for its distinctive black and white coloring and its upright, waddling gait

7. Trees absorb _____ dioxide and give off oxygen.
n. a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals

ANSWERS: 1. ceiling, 2. witnessing, 3. sink, 4. scanned, 5. responsible, 6. penguin, 7. carbon

8. We fed the birds daily with insects and _____.
- n.* a common type of worm that lives in soil
9. _____ bacteria can survive in extreme heat, cold, and radiation.
- n.* a type of organism, typically a microbe, that can survive and thrive in extreme or harsh environments that would be inhospitable to most other forms of life, such as high heat, acidity, radiation, or pressure
10. The shuttle _____ trained for months before embarking on the space mission.
- n.* a person trained by a space agency to travel outside the Earth's atmosphere
11. The deep sea _____ was unlike anything the scientists had ever seen before.
- n.* a living being, especially an animal
12. The oceanographer studied the _____ topography to understand how it had changed over time.
- n.* the bottom of the ocean
13. The management must _____ strategies to increase office security.
- 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
14. He won an award for that short _____.
- n.* a film or a radio or television program that gives facts and information about a subject; of or derived from official documents
15. The freshwater _____ was home to many different types of fish and was a popular spot for fishing.
- n.* a small, shallow lake

ANSWERS: 8. earthworms, 9. Extremophile, 10. astronaut, 11. creature, 12. seafloor, 13. explore, 14. documentary, 15. pond

16. Much of his painting has a _____ quality.

adj. unusual and not severe in a way that might be funny or annoying; determined by chance or impulse or whim rather than by necessity or reason

17. _____ prevalent in hospitals are often resistant to antibiotics.

n. single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease

18. It's important to _____ your strengths and weaknesses.

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

19. The focus of these initiatives is to make the financial system more _____.

adj. easy to perceive, detect, or understand; (of a material or article) permitting light to pass through freely

20. The strict deadlines will _____ the team to work efficiently.

v. to force or require someone to do something; to exert a strong, irresistible force or pressure that makes someone act in a certain way

21. Many prehistoric _____ such as mammoths and saber-toothed tigers, are now extinct.

n. a term used to describe large animals that lived during the Pleistocene epoch, such as mammoths, mastodons, and saber-toothed tigers, and that are now extinct

22. He grows vegetables in his _____.

n. a whole space behind and belonging to a house

ANSWERS: 16. whimsical, 17. Bacteria, 18. recognize, 19. transparent, 20. compel, 21. megafaunas, 22. backyard

23. Along the gravel roads, sizeable yellow school buses _____.
- v.* to move forward slowly, as people or animals with their bodies near the ground
24. The _____ chip in my credit card allows me to make contactless payments.
- adj.* fixed firmly into the surface of something
25. The toxic algae bloom in the lake was caused by an overgrowth of _____.
- n.* a group of photosynthetic bacteria that possess chlorophyll and blue pigments and are characteristically found in aquatic environments; also known as blue-green algae
26. _____ animals are graceful and efficient swimmers.
- adj.* relating to, or close to, the North or South Pole; characterized by complete opposites
27. The physicist who found the _____ particle won the Nobel Prize.
- adj.* difficult to find, define, achieve, or remember
28. The golfer recorded an _____ distance.
- adj.* extremely surprising, especially in a way that you like or admire
29. The bishop bestowed the golden _____ on the king.
- n.* a circular ornamental headdress, worn as a symbol of authority by a king, usually made of gold and precious stones
30. The _____ of the crab protects it from predators and environmental changes.
- n.* a hard, external protective covering or framework that supports and gives shape to the body of an invertebrate animal, such as an insect or crab

ANSWERS: 23. crawl, 24. embedded, 25. cyanobacteria, 26. Polar, 27. elusive, 28. amazing, 29. crown, 30. exoskeleton

31. The marine _____ manufacturer demonstrated their newest hydroplane.
n. any vehicle that can fly and carry things or passengers, such as a plane or helicopter
32. In _____ plants use carbon dioxide to feed themselves.
n. the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.
33. He that would eat the kernel must _____ the nut.
v. to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking
34. Solar gravity creates _____ pressures and temperatures.
adj. very great in amount or degree
35. The _____ gamers were up until 4 am playing video games.
n. a subgroup or subculture within a larger group or community that is characterized by a particularly intense, committed, or extreme set of practices, beliefs, or values
36. The renowned _____ won several awards for his latest film.
n. a person who makes films, typically as a profession
37. The watch was _____ designed, with many small moving parts.
adv. in a manner that involves a lot of detailed and complex arrangement or planning; with many interconnected parts or components
38. Mercury is the closest _____ to the sun.
n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

ANSWERS: 31. aircraft, 32. photosynthesis, 33. crack, 34. extreme, 35. hard-core, 36. filmmaker, 37. intricately, 38. planet

39. He should _____ more with his colleagues.

v. to communicate or react with somebody

40. They worked hard to _____ the nature of their native lands.

v. to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed

41. Her resistance _____ under his persuasion.

v. to turn from something solid into something soft or liquid as a result of heating

42. That biologist _____ the mechanism of heredity.

v. to light something or to make something lighter or brighter; to make something free from confusion or ambiguity

43. The majority of snakes swallow their _____ whole.

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

44. The bear used its _____ to catch a fish in the river.

n. a curved, pointed appendage found on the foot or leg of an animal, used for gripping or grasping; a human hand with long, narrow fingers that are curved like a claw; a machine or tool with a claw-like opening used for gripping or lifting objects

45. We threw _____ at the wedding to celebrate the happy couple.

n. small pieces of colored paper or other material that are thrown around on festive occasions, especially in celebration or as part of the decoration

46. Every human is responsible for taking care of the Earth's _____.

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

ANSWERS: 39. interact, 40. preserve, 41. melted, 42. illuminated, 43. prey, 44. claw, 45. confetti, 46. environment

47. The _____ pace of the negotiations frustrated both parties.

adj. relating to or resembling a glacier (= a slowly moving mass of ice) or the process of glaciation; characterized by an extremely slow or gradual pace or movement

48. We gained various _____ by analyzing the vast amount of data owned by the company.

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

49. In the city, the risk of traffic accidents _____ at every corner.

v. to wait somewhere secretly, especially because you are about to attack someone or do something bad or illegal

50. This car has a _____ engine.

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

51. _____ a society is an organism.

adv. relating to the essential features or concepts of anything

52. The garden was filled with _____ and needed to be tilled before planting.

n. soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock

53. A nutritious diet improves _____ functions.

adj. relating to or capable of causing or promoting digestion of food

54. The car's front bumper cost fifteen hundred _____.

n. the standard unit of money in the UK; the standard unit of weight equal to 16 ounces

ANSWERS: 47. glacial, 48. insights, 49. lurks, 50. monster, 51. Essentially, 52. dirt, 53. digestive, 54. pounds

55. The little penguin _____ awkwardly across the icy landscape.
- v.* to walk with short, unsteady steps, swaying from side to side; (noun) a rolling gait or awkward walk, often accompanied by the swaying of the body from side to side, as is typical of certain birds and aquatic animals
56. This _____ is a producer of respiratory disease.
- n.* a very small living thing that may exist in its single-celled form or as a colony of cells and is too small to be seen without a microscope
57. 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
58. The phenomenon is _____ at optical wavelengths.
- adj.* impossible or nearly impossible to see
59. The _____ academy was known for its strict discipline and training.
- adj.* relating to or characteristic of members of the armed forces; of or relating to war or warfare
60. The ability to fly like a bird is often considered a _____ in comic books and movies.
- n.* a country or nation that has significant global influence or formidable military, economic, or technological strength; a supernatural ability or force capable of extraordinary feats or feats beyond normal human capabilities
61. He spent hours every day _____ figures out of clay.
- v.* to create a work of art by carving, casting, or other shaping techniques

ANSWERS: 55. waddled, 56. microorganism, 57. needles, 58. invisible, 59. military, 60. superpower, 61. sculpting

62. The outermost _____ shell determines the chemical properties of an atom.
n. a tiny particle with the negative electrical charge
63. _____ has jammed the inlet to the water turbine.
n. A simple plant that grows in or near water and lacks typical leaves and roots
64. The new CEO's primary mission is to _____ the company on the verge of bankruptcy.
v. to improve or renew an area, institution, system, etc., especially by making it more active or successful
65. The family decided to _____ in the mountains to enjoy the beautiful scenery.
n. a long walk or journey, especially for pleasure or exercise; an increase in cost
66. The _____ is about 13.8 billion years old.
n. everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
67. She checked her _____ before embarking on the hike.
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
68. The chef expertly _____ the sauce onto the plate.
v. to move in a circular or spiral pattern
69. Glass _____ dishes are used to culture microorganisms.
n. (petri dish) a small, clear, and round dish with a lid used in laboratories, especially for growing bacteria

ANSWERS: 62. electron, 63. Algae, 64. regenerate, 65. hike, 66. universe, 67. gear, 68. swirled, 69. petri

70. The museum houses a _____ collection of Celtic artifacts.

adj. extremely interesting

71. The diver's goal was to _____ a massive grouper for dinner.

v. to hunt or catch fish using a spear or similar sharp tool, typically while freediving or snorkeling, rather than using breathing apparatus such as scuba gear; (noun) a variety of fish belonging to the family Istiophoridae, which includes several species such as the white marlin, blue marlin, and sailfish

72. Many famous _____ are within walking distance.

n. the ability to see; anything that is seen

73. The pond's _____ was around five feet.

n. the distance between the top and bottom of something; between the top surface and a distance below it

74. My computer has been acting _____ recently.

adj. extraordinary, unexpected, or difficult to explain

75. The passenger grabbed for the _____ mask.

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

76. The plant had a _____ appearance, indicating that it was not getting enough water.

adj. without life; dead

77. The University _____ the most recalcitrant demonstrators.

v. to stop something from continuing or being in force or effect, either temporarily or permanently; to hang something freely

ANSWERS: 70. fascinating, 71. spearfish, 72. sights, 73. depth, 74. weird, 75. oxygen, 76. lifeless, 77. suspended

78. Human conservation efforts often fail unexpectedly because they disturb the balance of the _____.
- n.* all the plants and living creatures in an area and the way they affect each other and the environment
79. The conservation area has an abundance of _____.
- n.* animals, birds, insects, etc. that grow independently of people and live in natural conditions
80. A great stretch of the lake lay _____ them.
- adv.* in or to a lower place than someone or something
81. The horror movie was so _____ that I couldn't watch it alone.
- adj.* causing fear or fright; frightening; intimidating
82. _____ grows in damp, shaded areas and is often found on the forest floor.
- n.* a small, soft plant that grows in a low, compact layer, often on the ground or on rocks
83. The committee _____ several apparent inconsistencies.
- v.* to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth
84. The seafood restaurant had a variety of dishes featuring _____.
- n.* a small, freshwater or saltwater creature with a slender body and long legs
85. The microscopic analysis revealed a _____ presence on the single-celled organism's surface.
- n.* a microscopic, hair-like cellular projection that is found on the surface of many cells in the body, helping them to move or trap debris

ANSWERS: 78. ecosystem, 79. wildlife, 80. beneath, 81. scary, 82. Moss, 83. investigated, 84. shrimp, 85. cilium's

86. He stepped on the gas pedal, and the engine released a loud ____.
- n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
87. The _____ on the child's faces when they received the toy was priceless.
- n.* a feeling of great pleasure or happiness
88. He _____ a good sense of humor.
- v.* to have or own something or to have as an attribute, knowledge, skill, etc.
89. The _____ worm is commonly used as a model organism for genetic studies.
- n.* a type of long, thin, cylindrical worm that is found in soil and water and can be parasitic or free-living
90. The _____ to the Amazon jungle was both exciting and challenging.
- n.* a journey or voyage for a specific purpose
91. Please use the _____ to clean up the mess on the floor.
- n.* a space empty of matter; a device or tool used for cleaning or removing debris by creating suction
92. Flight across the _____ was a daring adventure in its day.
- n.* one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex
93. The blood's red coloring comes from iron ____.
- n.* a chemical compound that contains at least one oxygen atom and one other element

ANSWERS: 86. rev, 87. delight, 88. possesses, 89. nematode, 90. expedition, 91. vacuum, 92. continent, 93. oxide

94. This artwork is _____ of her work.

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

95. I am _____ opposed to his idea because of morality.

adv. without restriction or limitation; completely or utterly

96. Scientists are searching for signs of _____ on other planets.

n. a living organism, especially one that has a distinct shape, structure, or behavior

97. During their camping trip, the kids were excited to go _____ hunting in the woods.

n. a small or unimportant creature or animal, often used in a familiar or affectionate way

98. The _____ train was packed with commuters during rush hour.

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

99. A rainbow is a natural _____.

n. something that exists and can be perceptible, especially one that is not fully understood

100. They ventured _____ in search of a rare species of bird.

adv. far away from home; in a field or rural area, often used in the context of hunting or gathering wild plants

101. The water hose suddenly _____ out a strong jet of water.

v. to suddenly burst forth or flow out powerfully or suddenly; to make a sudden effort or increase in activity or energy

ANSWERS: 94. typical, 95. absolutely, 96. life-form, 97. critter, 98. tube, 99. phenomenon, 100. afield, 101. spurted

102. Please refrigerate the meat, or it will _____.

v. to decay, or cause something to decay, naturally and gradually

103. _____ all the parties signed the contract.

adv. almost completely

104. The _____ into the new market was risky, but it paid off.

n. a business project or activity that is risky or daring

105. The hockey player took a shot but missed the _____ entirely.

n. a small, hard rubber disc used in ice hockey and other related games; a mischievous or playful sprite or demon in folklore and mythology

106. _____ thrive on the surface of the human skin.

n. a tiny living thing that can only be seen with a microscope and that may cause disease

107. The _____ supplied water for early farms until the modern age.

n. a fertile land in a desert or semi-desert environment where there is water and therefore plants and trees and sometimes a village or town

108. Our team caught a _____ of the world-class technique in this game.

n. a brief or partial view; the act of seeing something or someone for a very short time or only partly

109. The eagle gracefully _____ on the thermals, soaring above the mountains.

v. to move smoothly and effortlessly

110. The view from the _____ hilltop was breathtakingly beautiful.

adj. located at a geographically distant place; remote or separated by distance; distant or not easily accessible

ANSWERS: 102. rot, 103. Virtually, 104. venture, 105. puck, 106. Microbes, 107. oasis, 108. glimpse, 109. glided, 110. faraway

111. She _____ a new chapter into her manuscript.

v. to put something inside something else

112. The assassin pulled out a _____ from his belt to complete the task.

n. a short, pointed knife with sharp edges used as a weapon or tool

113. Scientists have studied the resilience of the _____ also known as a water bear.

n. a microscopic, water-dwelling animal that is known for its resilience and ability to survive extreme conditions

114. The _____ of the ice age have shaped Fjord.

n. a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole

115. In Arctic regions, _____ particles can accelerate the melting of glaciers.

n. fine sediment or debris that accumulates on the surface of glaciers or ice sheets, typically composed of rock particles, mineral dust, and organic matter; it can have an impact on the surface melting and the overall mass balance of the ice

116. When I was a child, my mother often cast _____ spells to ease my pain whenever I was injured.

adj. produced by or containing supernatural powers

117. The _____ shapes and patterns in the artwork are visually stunning.

adj. relating to or having the characteristics of geometry (= the shape, properties, and relations of points, lines, surfaces, solids)

118. I used an optical _____ to observe the small organisms in the water sample.

n. an instrument used to see objects or substances that are too small to be seen with the naked eye

ANSWERS: 111. inserted, 112. dagger, 113. tardigrade, 114. glaciers, 115. cryoconite, 116. magical, 117. geometric, 118. microscope

119. The _____ Kepler-186f is located 500 light-years from Earth and is believed to be habitable.
- n.* a planet that orbits a star outside of the solar system
120. _____ fossils can tell us a lot about the history and environment of the oceans.
- n.* a type of single-celled algae that is characterized by its ornate and intricate silica shells, which form a distinctive pattern or design when viewed under a microscope
121. Many innocent civilians were killed and buried in mass _____ outside the city during the war.
- 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
122. Several military _____ programs have become popular methods of exercise.
- n.* a tool or machine used for making round holes or driving fasteners; a training or practice
123. There are _____ methods for dealing with stress.
- adj.* too numerous to be counted or very many
124. He was a _____ leader and could persuade others to follow his ideas.
- adj.* having a strong and magnetic personality that attracts and influences others
125. _____ species have drastically altered the ecosystem in this area.
- n.* a person who comes from a different country, race, or group; a form of life assumed to exist outside the Earth or its atmosphere

ANSWERS: 119. exoplanet, 120. Diatom, 121. graves, 122. drill, 123. countless, 124. charismatic, 125. Alien

126. He approved their requests to _____ the jury.

v. to take temporary possession of someone's property until a debt is paid.

127. We are _____ opposed to any form of terrorism.

adv. completely or absolutely

128. Inspectors noticed _____ cracks in the submarine's hull.

adj. tiny; exceedingly precise and detail-oriented; of or used in microscopy

129. These birds can only _____ in temperate climates.

v. to live or exist despite a dangerous event or period

130. The penny fell _____ the piano.

adv. under or below something else

131. The old building _____ in a fiery inferno.

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

132. I always like having a pack of ____ to freshen my breath.

n. a soft, sticky substance that is chewed to freshen the breath or to clean the teeth; the flesh that surrounds the teeth in the mouth

ANSWERS: 126. sequester, 127. utterly, 128. microscopic, 129. survive, 130. underneath, 131. exploded, 132. gum